

**DCE 1.2.2 Problem Determination Guide**  
**OSF<sup>®</sup> DCE Product Documentation**

The Open Group

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OSF® DCE Product Documentation:

*DCE 1.2.2 Problem Determination Guide*, (Volume 1)  
ISBN 1-85912-143-8  
Document Number F213A

*DCE 1.2.2 Problem Determination Guide*, (Volume 2)  
ISBN 1-85912-148-9  
Document Number F213B

Published in the U.K. by The Open Group, 1997.

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# Preface

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## The Open Group

The Open Group is the leading vendor-neutral, international consortium for buyers and suppliers of technology. Its mission is to cause the development of a viable global information infrastructure that is ubiquitous, trusted, reliable, and as easy-to-use as the telephone. The essential functionality embedded in this infrastructure is what we term the IT DialTone. The Open Group creates an environment where all elements involved in technology development can cooperate to deliver less costly and more flexible IT solutions.

Formed in 1996 by the merger of the X/Open Company Ltd. (founded in 1984) and the Open Software Foundation (founded in 1988), The Open Group is supported by most of the world's largest user organizations, information systems vendors, and software suppliers. By combining the strengths of open systems specifications and a proven branding scheme with collaborative technology development and advanced research, The Open Group is well positioned to meet its new mission, as well as to assist user organizations, vendors, and suppliers in the development and implementation of products supporting the adoption and proliferation of systems which conform to standard specifications.

With more than 200 member companies, The Open Group helps the IT industry to advance technologically while managing the change caused by innovation. It does this by:

- consolidating, prioritizing, and communicating customer requirements to vendors
- conducting research and development with industry, academia, and government agencies to deliver innovation and economy through projects associated with its Research Institute
- managing cost-effective development efforts that accelerate consistent multi-vendor deployment of technology in response to customer requirements
- adopting, integrating, and publishing industry standard specifications that provide an essential set of blueprints for building open information systems and integrating new technology as it becomes available
- licensing and promoting the Open Brand, represented by the “X” mark, that designates vendor products which conform to Open Group Product Standards
- promoting the benefits of IT DialTone to customers, vendors, and the public.

The Open Group operates in all phases of the open systems technology lifecycle including innovation, market adoption, product development, and proliferation. Presently, it focuses on seven strategic areas: open systems application platform development, architecture, distributed systems management, interoperability, distributed computing environment, security, and the information superhighway. The Open Group is also responsible for the management of the UNIX trademark on behalf of the industry.

## **The Development of Product Standards**

This process includes the identification of requirements for open systems and, now, the IT DialTone, development of CAE and Preliminary Specifications through an industry consensus review and adoption procedure (in parallel with formal standards work), and the development of tests and conformance criteria.

This leads to the preparation of a Product Standard which is the name used for the documentation that records the conformance requirements (and other information) to which a vendor may register a product. There are currently two forms of Product



Standard, namely the Profile Definition and the Component Definition, although these will eventually be merged into one.

The “X” mark is used by vendors to demonstrate that their products conform to the relevant Product Standard. By use of the Open Brand they guarantee, through the X/Open Trade Mark License Agreement (TMLA), to maintain their products in conformance with the Product Standard so that the product works, will continue to work, and that any problems will be fixed by the vendor.

## Open Group Publications

The Open Group publishes a wide range of technical documentation, the main part of which is focused on specification development and product documentation, but which also includes Guides, Snapshots, Technical Studies, Branding and Testing documentation, industry surveys, and business titles.

There are several types of specification:

### CAE Specifications

CAE (Common Applications Environment) Specifications are the stable specifications that form the basis for our Product Standards, which are used to develop X/Open branded systems. These specifications are intended to be used widely within the industry for product development and procurement purposes.

Anyone developing products that implement a CAE Specification can enjoy the benefits of a single, widely supported industry standard. Where appropriate, they can demonstrate product compliance through the Open Brand. CAE Specifications are published as soon as they are developed, so enabling vendors to proceed with development of conformant products without delay.

### Preliminary Specifications

Preliminary Specifications usually address an emerging area of technology and consequently are not yet supported by multiple sources of stable conformant implementations. They are published for the purpose of validation through implementation of products. A Preliminary Specification is not a draft specification; rather, it is as

stable as can be achieved, through applying The Open Group's rigorous development and review procedures.

Preliminary Specifications are analogous to the trial-use standards issued by formal standards organizations, and developers are encouraged to develop products on the basis of them. However, experience through implementation work may result in significant (possibly upwardly incompatible) changes before its progression to becoming a CAE Specification. While the intent is to progress Preliminary Specifications to corresponding CAE Specifications, the ability to do so depends on consensus among Open Group members.

#### Consortium and Technology Specifications

The Open Group publishes specifications on behalf of industry consortia. For example, it publishes the NMF SPIRIT procurement specifications on behalf of the Network Management Forum. It also publishes Technology Specifications relating to OSF/1, DCE, OSF/Motif, and CDE.

Technology Specifications (formerly AES Specifications) are often candidates for consensus review, and may be adopted as CAE Specifications, in which case the relevant Technology Specification is superseded by a CAE Specification.

In addition, The Open Group publishes:

#### Product Documentation

This includes product documentation—programmer's guides, user manuals, and so on—relating to the Prestructured Technology Projects (PSTs), such as DCE and CDE. It also includes the Single UNIX Documentation, designed for use as common product documentation for the whole industry.

#### Guides

These provide information that is useful in the evaluation, procurement, development, or management of open systems, particularly those that relate to the CAE Specifications. The Open Group Guides are advisory, not normative, and should not be referenced for purposes of specifying or claiming conformance to a Product Standard.

#### Technical Studies

Technical Studies present results of analyses performed on subjects of interest in areas relevant to The Open Group's Technical Program. They

are intended to communicate the findings to the outside world so as to stimulate discussion and activity in other bodies and the industry in general.

## Versions and Issues of Specifications

As with all live documents, CAE Specifications require revision to align with new developments and associated international standards. To distinguish between revised specifications which are fully backwards compatible and those which are not:

- A new Version indicates there is no change to the definitive information contained in the previous publication of that title, but additions/extensions are included. As such, it replaces the previous publication.
- A new Issue indicates there is substantive change to the definitive information contained in the previous publication of that title, and there may also be additions/extensions. As such, both previous and new documents are maintained as current publications.

## Corrigenda

Readers should note that Corrigenda may apply to any publication. Corrigenda information is published on the World-Wide Web at <http://www.opengroup.org/public/pubs>.

## Ordering Information

Full catalogue and ordering information on all Open Group publications is available on the World-Wide Web at <http://www.opengroup.org/public/pubs>.

## **This Book**

The *DCE 1.2.2 Problem Determination Guide* provides a compilation of all DCE error messages and status codes along with explanations and recovery actions.

## **Audience**

This guide is written for DCE application programmers and system and network administrators.

## **Applicability**

This document applies to the OSF DCE Version 1.2.2 offering and related updates. See your software license for details.

## **Purpose**

The purpose of this guide is to help programmers and administrators to interpret and act upon error messages and status codes when received.

## **Document Usage**

The *DCE 1.2.2 Problem Determination Guide* consists of a brief Introduction and one chapter containing a listing of all error messages and status codes. This listing is alphabetical by symbolic name. There are also two appendixes: One maps error numbers to symbolic names; the other maps symbolic names to message text.

## Related Documents

For additional information about the Distributed Computing Environment, refer to the following documents:

- *DCE 1.2.2 Introduction to OSF DCE*  
Document Number F201, ISBN 1-85912-182-9
- *DCE 1.2.2 Command Reference*  
Document Number F212, ISBN 1-85912-138-1
- *DCE 1.2.2 Application Development Reference*  
Document Number F205A, ISBN 1-85912-103-9 (Volume 1)  
Document Number F205B, ISBN 1-85912-108-X (Volume 2)  
Document Number F205C, ISBN 1-85912-159-4 (Volume 3)
- *DCE 1.2.2 Administration Guide—Introduction*  
Document Number F207, ISBN 1-85912-113-6
- *DCE 1.2.2 Administration Guide—Core Components*  
Document Number F208, ISBN 1-85912-118-7
- *DCE 1.2.2 DFS Administration Guide and Reference*  
Document Number F209A, ISBN 1-85912-123-3 (Volume 1)  
Document Number F209B, ISBN 1-85912-128-4 (Volume 2)
- *DCE 1.2.2 GDS Administration Guide and Reference*  
Document Number F211, ISBN 1-85912-133-0
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Document Number F217, ISBN 1-85912-163-3
- *DCE 1.2.2 Application Development—Introduction and Style Guide*  
Document Number F202, ISBN 1-85912-187-X
- *DCE 1.2.2 Application Development Guide—Core Components*  
Document Number F203A, ISBN 1-85912-192-6 (Volume 1)  
Document Number F203B, ISBN 1-85912-154-3 (Volume 2)
- *DCE 1.2.2 Application Development Guide—Directory Services*  
Document Number F204, ISBN 1-85912-197-7

- *DCE 1.2.2 Testing Guide*  
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- *DCE 1.2.2 File-Access FVT User's Guide*  
Document Number F210, ISBN 1-85912-189-6
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# Chapter 1

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## Introduction

The error message and status codes in the following chapter include detailed explanations and recovery actions for all DCE messages and status codes issued by the following DCE components:

- Audit
- Cell Directory Service
- Code-Set Registry Compiler
- Configuration

- DCE Control Program
- Distributed File-Access (DFA)
- Distributed File Service (DFS)
- DCE Host Daemon
- Distributed Time Service
- Generic Security Service
- Global Directory Service
- Interface Definition Language
- Pthreads
- Remote Procedure Call
- Security
- Serviceability
- DCE Threads
- Universal Unique Identifier Generator
- Utilities

All messages documented here are visible to the user, who might be a programmer, administrator, or operator.

## 1.1 Message Structure

Each message or code block contains several fields of information. With the exception of the Distributed File-Access (DFA), XDS, XOM, and Pthreads messages, the first field contains a unique 32-bit hex value. XDS and XOM messages are X.500 compliant. The Pthreads messages are Posix-compliant. DFA does not use DCE serviceability to display its messages, and has its own system of error codes. Consequently, none of these components' messages have error numbers or hex values. Instead, their messages contain dashes (—) in their first field in the listings in this book.

The second field contains the symbolic name for the message or code. A few Pthreads messages do not have a symbolic name. These messages contain dashes (—) in the symbolic-name field.

The symbolic name is followed by three fields containing the severity level, component, and subcomponent name (which can be absent if not applicable). The sixth field contains the text of the message. The seventh field contains an explanation of the event that generated the message. The eighth field contains a recovery action.

The following is an example of a typical DCE error message:

**0x1131f08b dcp\_s\_cds\_no\_obj\_mod\_operation**

**Severity:** Warning      **Component:** dcp

**Text:** Option not specified.

**Explanation:** The **object modify** command requires one or more options.

**Action:** Retype the command with one or more of the following options: **-add**, **-remove**, or **-change**.

The content of these eight fields is self explanatory with the exception of the severity and the subcomponent fields.

### 1.1.1 Severity Levels

The level contained in the severity field will generally be one of the following:

- |         |  |
|---------|--|
| Fatal   | An unrecoverable error has occurred. The program usually terminates and special recovery action is required.   |
| Error   | An unexpected, nonterminal or correctable event. The program continues, but some services may not be available. It might also indicate that a request or action could not be completed.  |
| Warning | Action has been taken that may not be the desired or requested action. For example, if a requested database was not found, the default might be used. Or it may be a warning that some possibly undesired action will take place, such as a directory that is not empty will be removed. It might also indicate that a future problem will arise if action is not taken now; for example, a printer might be low on paper. |

Notice      An event has taken place that does not directly require action; for example, a process might have started as requested.

Notice      This is the same as above, but contains more detailed information.  
Verbose

When more than one subcomponent can return a given error message or status code, the severity level is dependent on the subcomponent or particular circumstances. In these cases, the severity field will state, "Varies".

## 1.1.2 Subcomponents

DCE components can consist of several subcomponents. For example, the DCE Host Daemon component consists of the following subcomponents:

- aclmgr
- xattrschema
- general
- hostdata
- rkeytab
- secval
- srvrconf
- srvrexec
- locks
- endpoint

When more than one subcomponent could issue an error message or status code, the subcomponent field states, "Varies". Otherwise, this field notes the specific subcomponent.

## 1.2 Message Routing With the Serviceability API

Message routing allows for the specification of where messages are sent. There are five methods for routing messages. See the **svcroute(5svc)** reference page for details on how to set the routes.

### 1.2.1 Using Routing Files

If a routing file is used, then the file specifies the routing based on severity levels. The destination could be one of the following:

<b>BINFILE</b>	Messages are written as binary log entries to a file
<b>TEXTFILE</b>	Messages are written as human-readable text to a file
<b>FILE</b>	This is the equivalent of <b>TEXTFILE</b>
<b>DISCARD</b>	Messages are not recorded
<b>STDOUT</b>	Messages are written as human-readable text to standard output
<b>STDERR</b>	Messages are written as human-readable text to standard error
<b>GOESTO</b>	Messages are sent to the destination designated for the specified severity level

Messages of different severity levels can be routed differently. For example, all "Notices" could be discarded and all "Fatal" errors could be written to a binary log.

**BINFILES** can be read and manipulated with the following set of logfile functions:

<code>dce_svc_log_open()</code>	Opens a logfile for reading.
<code>dce_svc_log_get()</code>	Reads the next entry from the logfile.
<code>dce_svc_free_entry()</code>	Frees the logfile space of the current entry.
<code>dce_svc_log_rewind()</code>	Returns log processing back to the first message.

`dce_svc_log_close()`  
Closes the open logfile.

For detailed information about the logfile functions, see the reference pages.

## 1.2.2 Using Environment Variables

You can also route messages based on severity by using the environment variables:

- `SVC_FATAL`
- `SVC_ERROR`
- `SVC_WARNING`
- `SVC_NOTICE`
- `SVC_NOTICE_VERBOSE`

## 1.2.3 Using `dce_svc_routing`

Message routing can be set up by the application itself, by calling the `dce_svc_routing()` routine and passing to it a string formatted in the same way as a line of text from a routing file. The routine must be called for each severity level being set.

## 1.2.4 Using Attributes

The final two routing methods allow for limited routing. Routing can be specified by attribute, either in the message definition in the `sams` file, or as part of the argument list to `dce_svc_printf()` routine.

For additional information on the Serviceability API, see the Serviceability chapter in the Application Development Guide.

## 1.3 Administering the Routing State

The **log** command of the DCE control program (**dcecp**) allows you to determine the serviceability components that are registered by the server. You can also request a list of the subcomponents for each component registered. The **log** command also allows you to change the routing specifications for a server.

See the DCE 1.2.2 Command Reference for additional information.

## 1.4 Using This Guide

The messages and status codes found in the Problem Determination Guide are organized alphabetically by symbolic name. You may, however, only have a textual message or hex number for a message. To accommodate these situations, there are two appendixes following the alphabetical listing. One maps the hex numbers to symbolic names and the other maps symbolic names to textual messages. You can use these two mappings to find the symbolic name for a given textual message or hex number and then look up the symbolic name in the alphabetical listing.





## Chapter 2

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# Error Messages and Status Codes

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**Severity:** Notice      **Component:** Threads

**Text:** Asynchronous or General cancelability was off.

**Explanation:** A successful attempt was made to set either asynchronous or general cancelability to off.

**Action:** None required.

---

**Severity:** Notice      **Component:** Threads

**Text:** Asynchronous or General cancelability was on.

**Explanation:** A successful attempt was made to set either asynchronous or general cancelability to on.

**Action:** None required.

---

**Severity:** Notice      **Component:** Threads

**Text:** The mutex is locked; therefore, it is not acquired.

**Explanation:** An attempt was made to lock a mutex using the **pthread\_mutex\_trylock** routine. This occurs if the mutex is locked by another thread when this routine is called. Zero (0) is returned and the thread does not wait to acquire the lock, but takes whatever action is appropriate.

**Action:** None required.

---

**Severity:** Notice      **Component:** Threads

**Text:** Successful completion.

**Explanation:** The requested routine executed successfully. Generally, zero (0) is returned by **errno**. In some cases, the requested attribute value is returned.

**Action:** None required.

---

**Severity:** Notice      **Component:** Threads

**Text:** Values of thread1 and thread2 designate the same object.

**Explanation:** An attempt was made to compare one thread identifier to another thread identifier using the **pthread\_equal** routine.

**Action:** None required.

---

**Severity:** Notice      **Component:** Threads

**Text:** Values of thread1 and thread2 do not designate the same object.

**Explanation:** An attempt was made to compare one thread identifier to another thread identifier using the **pthread\_equal** routine.

**Action:** None required.

**0x14601018 acl\_s\_bad\_manager\_type**

**Severity:** Varies      **Component:** lib

**Text:** Bad manager type parameter to `dce_acl_register_object_type()`

**Explanation:** The manager type passed to `dce_acl_register_object_type()` is invalid or missing.

**Action:** Call `dce_acl_register_object_type()` with correct parameter.

**0x1460101c acl\_s\_group\_not\_allowed**

**Severity:** Varies      **Component:** lib

**Text:** `group_obj` ACL entries not allowed in this ACL

**Explanation:** In a `rdacl_replace` operation an attempt was made to add an ACL entry of type `sec_acl_e_type_group_obj` or `sec_acl_e_type_group_obj_deleg` to a manager that does not support object group ownership.

**Action:** Do not add entries of these types. To use these types, specify `dce_acl_c_has_groups` when calling `dce_acl_register_object_type()`; your ACL manager must also support groups.

**0x1460101a acl\_s\_no\_acl\_entries**

**Severity:** Varies      **Component:** lib

**Text:** No entries in this ACL

**Explanation:** The ACL accessed has no entries.

**Action:** Be sure that the ACL has at least one entry.

**0x1460101d acl\_s\_no\_control\_entries**

**Severity:** Varies      **Component:** lib

**Text:** No ACL entries have the control bit set.

**Explanation:** In a `rdacl_replace` operation an attempt was made to replace the ACL where no entries have control permission.

**Action:** Ensure that at least one ACL entry has control permission. Or, to avoid this check in `rdacl_replace`, set the flag `dce_acl_c_orphans_ok` when calling `dce_acl_register_object_type()`. (Use this feature with care.)

**0x1460101b acl\_s\_owner\_not\_allowed**

**Severity:** Varies      **Component:** lib

**Text:** user\_obj ACL entries not allowed in this ACL

**Explanation:** In a rdacl\_replace operation an attempt was made to add an ACL entry of type **sec\_acl\_e\_type\_user\_obj** or **sec\_acl\_e\_type\_user\_obj\_deleg** to a manager that does not support object users ownership.

**Action:** Do not add entries of these types. To use these types, specify **dce\_acl\_c\_has\_owner** when calling **dce\_acl\_register\_object\_type()**; your ACL manager must also support users/owners.

**0x14601019 acl\_s\_type\_not\_registered**

**Severity:** Varies      **Component:** lib

**Text:** Manager type has not been registered with dce\_acl\_register\_object\_type()

**Explanation:** The manager type passed to a lookup or replace function was not registered by first calling **dce\_acl\_register\_object\_type()**.

**Action:** Call **dce\_acl\_register\_object\_type()** with proper manager type parameter before attempting the lookup or replace operation.

**0x1708309f ae\_tty\_args\_not\_command**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - unknown command

**Explanation:** ?

**Action:** None required

**0x17083099 ae\_tty\_bad\_data\_format**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - bad data format

**Explanation:** ?

**Action:** None required

**0x1708309d ae\_tty\_bad\_domain**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - bad domain

**Explanation:** ?

**Action:** None required

**0x17083094 ae\_tty\_cant\_parse**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - unable to parse string

**Explanation:** ?

**Action:** None required

**0x1708309c ae\_tty\_entry\_is\_required**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - entry required

**Explanation:** ?

**Action:** None required

**0x1708309a ae\_tty\_err\_input\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - input too long

**Explanation:** ?

**Action:** None required

**0x17083095 ae\_tty\_incompatible\_options**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - incompatible options

**Explanation:** ?

**Action:** None required

**0x1708309b ae\_tty\_input\_out\_of\_range**

**Severity:** Varies      **Component:** sad  
**Text:** SEC\_ACL\_EDIT - input out of range  
**Explanation:** ?  
**Action:** None required

**0x17083097 ae\_tty\_invalid\_argument**

**Severity:** Varies      **Component:** sad  
**Text:** SEC\_ACL\_EDIT - invalid argument  
**Explanation:** ?  
**Action:** None required

**0x17083096 ae\_tty\_invalid\_option**

**Severity:** Varies      **Component:** sad  
**Text:** SEC\_ACL\_EDIT - invalid option  
**Explanation:** ?  
**Action:** None required

**0x17083098 ae\_tty\_opt\_requires\_arg**

**Severity:** Varies      **Component:** sad  
**Text:** SEC\_ACL\_EDIT - operation requires argument  
**Explanation:** ?  
**Action:** None required

**0x1708309e ae\_tty\_too\_many\_args**

**Severity:** Varies      **Component:** sad  
**Text:** SEC\_ACL\_EDIT - too many arguments  
**Explanation:** ?  
**Action:** None required

**0x170830a0 ae\_tty\_would\_grant\_perms**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - would unintentionally grant permissions via recalculated mask

**Explanation:** ?

**Action:** None required

**0x1032306a aud\_s\_action\_bit\_set**

**Severity:** Notice      **Component:** aud/aud\_s\_esl

**Text:** Audit Actions: %lx

**Explanation:** Lists Audit actions.

**Action:** None required.

**0x10323068 aud\_s\_cannot\_allocate\_memory**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot allocate %d bytes memory

**Explanation:** The **malloc()** call failed.

**Action:** Report to your system administrator for resolution.

**0x10323034 aud\_s\_cannot\_audit**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Audit commit failed

**Explanation:** An attempt to commit to the Audit record failed. This may be because the audit trail is full.

**Action:** Backup and empty the audit trail.

**0x10323031 aud\_s\_cannot\_authenticate**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Client RPC binding contains invalid authentication information

**Explanation:** The call **rpc\_binding\_inq\_auth\_client()** failed.

**Action:** Check the RPC return code and act accordingly.

**0x10323033 aud\_s\_cannot\_getgmtime**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** The audit library could not backup a trail file due to failure of `utc_gmtime` call for reading time from the system.

**Explanation:** The call `utc_gmtime()` failed.

**Action:** Check the reason why the call `utc_gmtime` failed and act accordingly.

**0x10323032 aud\_s\_cannot\_gettime**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** The audit library could not backup a trail file due to failure of `utc_gettime` call for reading time from the system.

**Explanation:** The call `utc_gettime()` failed.

**Action:** Check the reason why the call `utc_gettime` failed and act accordingly.

**0x10323084 aud\_s\_cannot\_init\_trail\_mutex**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot initialize the mutex for the audit trail.

**Explanation:** The `pthread_mutex_init()` call failed.

**Action:** Check the return code of the `pthread_mutex_init()` call.

**0x10323078 aud\_s\_cannot\_mkdir**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot make %s directory

**Explanation:** An attempt to create the indicated directory failed.

**Action:** Make sure that the Audit client has the appropriate permissions to create the directory.

**0x10323075 aud\_s\_cannot\_open\_dmn\_binding\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general



**Text:** Cannot open audit daemon's binding file

**Explanation:** This can either be due to a file permission problem or the Audit daemon is not running.

**Action:** Check if the file exists. If the file exists, check the file's permissions. If the file does not exist, make sure that the Audit daemon is running.

**0x10323076 aud\_s\_cannot\_open\_dmn\_identity\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open Audit daemon's identity file

**Explanation:** This can either be due to a file permission problem or the Audit daemon is not running.

**Action:** Start the Audit daemon.

**0x10323072 aud\_s\_cannot\_open\_event\_class\_dir**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open event class directory %s to read.

**Explanation:** An attempt to open the indicated event class directory failed. You must have read and execute permissions to this directory.

**Action:** Set the proper permissions to the directory and retry the operation.

**0x10323071 aud\_s\_cannot\_open\_event\_class\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open event class file %s to read.

**Explanation:** An attempt to open the indicated event class file failed. You must have read permission to the file.

**Action:** Check the file permissions and ensure that you have read permission to the file. Then, retry the operation.

**0x1032307a aud\_s\_cannot\_open\_trail\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open trail file %s

**Explanation:** An attempt to open the indicated trail file failed.

**Action:** Check that the file exists. Check that you have the required permissions to open the file, and retry the operation.

**0x10323079 aud\_s\_cannot\_open\_trail\_file\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open trail file

**Explanation:** An attempt to open the indicated trail file failed.

**Action:** Check that the file exists. Check that you have the required permissions to open the file, and retry the operation.

**0x10323069 aud\_s\_cannot\_read\_file**

**Severity:** Notice      **Component:** aud/aud\_s\_esl

**Text:** Cannot read file %s in buffer

**Explanation:** The file cannot be read in the buffer.

**Action:** Report the problem to OSF.

**0x10323050 aud\_s\_cannot\_reopen\_trail\_file**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot reopen %s

**Explanation:** Internally, the audit trail file was being reopened and the reopen failed.

**Action:** Report the problem to OSF.

**0x1032304f aud\_s\_cannot\_reopen\_trail\_file\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot reopen audit trail file

**Explanation:** Internally, the audit trail file was being reopened and the reopen failed.

**Action:** Report the problem to OSF.

**0x10323052 aud\_s\_cannot\_reopen\_trail\_index\_file**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot reopen %s

**Explanation:** Internally, the audit trail index file was being reopened and the reopen failed.

**Action:** Report the problem to OSF.

**0x10323051 aud\_s\_cannot\_reopen\_trail\_index\_file\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot reopen audit trail index file

**Explanation:** Internally, the audit trail index file was being reopened and the reopen failed.

**Action:** Report the problem to OSF.

**0x1032305c aud\_s\_cant\_open\_client\_binding\_file**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot open client binding file %s

**Explanation:** The Audit daemon cannot open the indicated client binding file.

**Action:** Check the permissions of the file and make sure the Audit daemon has read permission to the file.

**0x1032305b aud\_s\_cant\_open\_client\_binding\_file\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot open client binding file

**Explanation:** The Audit daemon cannot open the client binding file.

**Action:** Check the permissions of the file and make sure the Audit daemon has read permission to the file.

**0x1032307b aud\_s\_client\_esl\_mutex**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Audit client's esl mutex initialization failed.

**Explanation:** An attempt to initialize the event selection list mutex failed due to lack of resources or shortage of memory.

**Action:** Check system resource availability.

**0x10323087 aud\_s\_client\_updt\_cond\_init\_fail**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot initialize the condition variable for the client update list.

**Explanation:** The `pthread_cond_init()` call failed.

**Action:** Check the return code of the `pthread_cond_init()` call.

**0x10323086 aud\_s\_client\_updt\_mutex\_init\_fail**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot initialize the mutex for the client update list.

**Explanation:** The `pthread_mutex_init()` call failed.

**Action:** Check the return code of the `pthread_mutex_init()` call.

**0x10323088 aud\_s\_client\_updt\_mutex\_lock\_fail**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot lock the mutex for the client update list.

**Explanation:** The `pthread_mutex_lock()` call failed.

**Action:** Check the return code of the `pthread_mutex_lock()` call.

**0x10323089 aud\_s\_client\_updt\_mutex\_unlock\_fail**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot unlock the mutex for the client update list.

**Explanation:** The `pthread_mutex_unlock()` call failed.

**Action:** Check the return code of the `pthread_mutex_unlock()` call.

**0x1032306b aud\_s\_condition\_bit\_set**

**Severity:** Notice      **Component:** aud/aud\_s\_esl

**Text:** Audit Conditions: %lx

**Explanation:** Lists Audit conditions.

**Action:** None required.

**0x10323021 aud\_s\_dmn\_acl**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot initialize daemon's ACL

**Explanation:** An attempt to initialize the Access Control List for the daemon failed. This is not the first point of failure.

**Action:** Check previous error messages and act accordingly.

**0x10323023 aud\_s\_dmn\_acl\_mgr\_interface**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot register daemon's ACL Manager interface bindings

**Explanation:** Cannot register daemon's ACL manager interface bindings using the `rpc_server_register_if()` or `rpc_ep_register()` calls.

**Action:** Check the RPC return code and act accordingly.

**0x1032301b aud\_s\_dmn\_acl\_obj\_add\_group\_entry**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot add audit-admin group to ACL: %lx

**Explanation:** An attempt to add audit-admin group to Auditd ACL failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x1032301c aud\_s\_dmn\_acl\_obj\_add\_obj\_entry**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot add any-other obj to ACL: %lx

**Explanation:** An attempt to add any-other permissions to Auditd ACL failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x1032301d aud\_s\_dmn\_acl\_obj\_add\_unauth\_entry**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot add unauthenticated obj to ACL: %lx

**Explanation:** An attempt to add unauthenticated permissions to Auditd ACL failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x1032301a aud\_s\_dmn\_acl\_obj\_add\_user\_entry**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot add host user to ACL: %lx

**Explanation:** An attempt to add host user to Auditd ACL failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x10323018 aud\_s\_dmn\_acl\_obj\_init**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot initialize ACL object : %lx

**Explanation:** An attempt to initialize the Auditd ACL object failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x10323019 aud\_s\_dmn\_acl\_register\_obj\_type**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot register AUD object type with ACL library: %lx

**Explanation:** An attempt to register the Auditd ACL object type failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x10323028 aud\_s\_dmn\_auth\_info**

**Severity:** Fatal      **Component:** aud/aud\_s\_general

**Text:** Cannot register daemon's authentication info with RPC runtime

**Explanation:** An attempt to register the Audit daemon's authentication information using `rpc_server_auth_info()` failed.

**Action:** Check the RPC return code and act accordingly.

**0x1032300f aud\_s\_dmn\_binding\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Daemon cannot open its binding file %s to write

**Explanation:** When the Audit daemon was started, it could not open its binding file.

**Action:** Check that the Audit daemon has write permission to the file.

**0x10323017 aud\_s\_dmn\_bindings**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Unable to get daemon bindings

**Explanation:** The Audit daemon tried to inquire for its own bindings using `rpc_server_inq_bindings` and failed.

**Action:** Check the RPC return code and act accordingly.

**0x10323006 aud\_s\_dmn\_cannot\_get\_context**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Auditd unable to get current login context.

**Explanation:** The `sec_login_get_current_context` API returned the error: %d

**Action:** Make sure process is running as machine principal.

**0x10323008 aud\_s\_dmn\_cannot\_get\_mp\_context**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Auditd unable to get machine principal login context.

**Explanation:** The `sec_login_get_current_context` API returned the error: %d

**Action:** Make sure process is running as machine principal.

**0x1032300a aud\_s\_dmn\_cannot\_open\_central\_trail**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open audit central trail file %s

**Explanation:** An attempt to open the indicated Audit central trail file failed. This is not the first point of failure.

**Action:** Check previous messages related to this error.

**0x10323009 aud\_s\_dmn\_cannot\_open\_trail**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open audit trail

**Explanation:** An attempt to open the Audit trail file failed. This is not the first point of failure.

**Action:** Check previous messages related to this error.

**0x10323007 aud\_s\_dmn\_cannot\_release\_context**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Auditd unable to release current login context.

**Explanation:** The sec\_login\_release\_context API returned the error: %d

**Action:** Please refer to the DCE Problem Determination Guide for more information.

**0x10323025 aud\_s\_dmn\_control\_export\_interface**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot register daemon's control interface bindings to CDS

**Explanation:** CDS call failed.

**Action:** Report the problem.

**0x10323027 aud\_s\_dmn\_control\_register\_bindings**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot register daemon's control interface bindings with the endpoint mapper.

**Explanation:** The call to the endpoint mapper failed.

**Action:** Report the problem.

**0x10323085 aud\_s\_dmn\_create\_update\_thread**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot create the update thread

**Explanation:** An attempt to create the update thread using **pthread\_create()** failed: errno = %d



**Action:** Check the return code of the `pthread_create()` call and act accordingly.

**0x1032301e aud\_s\_dmn\_db\_open**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot open AUD ACL database for reading: %lx

**Explanation:** An attempt to open the AUD acl database failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x1032301f aud\_s\_dmn\_db\_open\_create**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot create AUD acl database : %lx

**Explanation:** An attempt to create the AUD acl database failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x10323020 aud\_s\_dmn\_db\_store\_uid**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Couldn't store the auditd ACL in the ACL file : %lx

**Explanation:** An attempt to store the AUD ACL in the database failed.

**Action:** DCE utilities error. Check utilities codes for more information.

**0x10323062 aud\_s\_dmn\_disabled**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** The daemon is disabled for logging

**Explanation:** An attempt was made to log an audit record but the Audit daemon has been disabled by the administrator.

**Action:** Reenable the Audit daemon by issuing the **aud enable** command.

**0x10323063 aud\_s\_dmn\_disabled\_in\_selfaudit**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Operation denied: audit daemon is disabled

**Explanation:** The Audit daemon was started in self-audit mode, but since the Audit daemon has been disabled by the administrator it cannot log its own audit records, therefore all admin operations are not allowed, with the exception of enable and rewind.

**Action:** Reenable the Audit daemon by issuing the **aud enable** command.

**0x1032302d aud\_s\_dmn\_distinguished\_thread\_exit**

**Severity:** Fatal      **Component:** aud/aud\_s\_general

**Text:** %s thread got exception

**Explanation:** Thread got exception - exiting.

**Action:** None required.

**0x1032302b aud\_s\_dmn\_distinguished\_thread\_fault**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** %s distinguished thread cancelled

**Explanation:** Distinguished thread got exception pthread\_cancel\_e.

**Action:** None required.

**0x10323013 aud\_s\_dmn\_esl\_mutex**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Daemon esl mutex initialization failed

**Explanation:** There was insufficient resource or memory to initialize the esl mutex.

**Action:** Check system resource availability.

**0x1032300e aud\_s\_dmn\_identity**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Daemon does not have an identity

**Explanation:** The **dce\_cf\_prin\_name\_from\_host()** call failed.

**Action:** Use the **-I** option to specify the server's name for authentication purposes. The default is **hosts/hostname/self**.

**0x1032300d aud\_s\_dmn\_identity\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Daemon cannot open its identity file %s to write

**Explanation:** The Audit daemon attempted to write its identity into a local file. The write attempt failed, resulting in this message.

**Action:** Check that the Audit daemon has write permission to the indicated file.

**0x10323022 aud\_s\_dmn\_interfaces**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot register daemon's RPC interfaces

**Explanation:** An attempt to register the RPC interface for the Audit daemon using `rpc_server_register_if()` failed.

**Action:** Check the RPC return code and act accordingly.

**0x10323029 aud\_s\_dmn\_listener\_thread**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot create the listener thread

**Explanation:** An attempt to create the listener thread using `pthread_create()` failed.

**Action:** Check the return code of the `pthread_create()` call and act accordingly.

**0x10323011 aud\_s\_dmn\_locale**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Set daemon locale: %s

**Explanation:** The current locale is displayed.

**Action:** None required.

**0x1032302c aud\_s\_dmn\_non\_distinguished\_thread\_fault**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** %s non-distinguished thread cancelled

**Explanation:** Non-Distinguished thread got exception `pthread_cancel_e`.

**Action:** None required.

**0x1032302e aud\_s\_dmn\_normal\_exit**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** %s exits normally

**Explanation:** Audit daemon stopped normally as a result of the **aud stop** command.

**Action:** None required.

**0x10323012 aud\_s\_dmn\_privilege**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Running %s without privileges

**Explanation:** The user is trying to run the Audit daemon, but does not have the appropriate privileges.

**Action:** Login as root before starting up the Audit daemon.

**0x10323016 aud\_s\_dmn\_protseq**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Unable to select protocol sequence

**Explanation:** RPC tried to register the protocol sequence and failed.

**Action:** Check the RPC return code and act accordingly.

**0x1032300b aud\_s\_dmn\_ready\_to\_listen**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Daemon is ready to listen to its interfaces

**Explanation:** The Audit daemon has started.

**Action:** None required.

**0x1032300c aud\_s\_dmn\_register\_auth\_info**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Daemon registered its authentication identity %s with RPC runtime

**Explanation:** The indicated authentication identity has been registered with RPC.

**Action:** None required.

**0x10323010 aud\_s\_dmn\_register\_interface**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Daemon registered interfaces with RPC runtime

**Explanation:** The request to register the Audit daemon interface with RPC was successful.

**Action:** None required.

**0x10323002 aud\_s\_dmn\_starts**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** The audit daemon started

**Explanation:** The Audit daemon has been started.

**Action:** None required.

**0x10323014 aud\_s\_dmn\_state\_mutex**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Daemon state mutex initialization failed

**Explanation:** There was insufficient resource or memory to initialize the state mutex.

**Action:** Check system resource availability.

**0x10323024 aud\_s\_dmn\_svc\_mgr\_export\_interface**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot register daemon's SVC manager bindings to CDS

**Explanation:** The attempt to register the SVC manager bindings for the Audit daemon to using the `rpc_ns_binding_export()` failed.

**Action:** Check the RPC return code and act accordingly.

**0x10323026 aud\_s\_dmn\_svc\_mgr\_register\_bindings**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot register daemon's svc manager bindings with RPCD

**Explanation:** An attempt to register the SVC manager bindings with RPC using the `rpc_ep_register()` failed call.

**Action:** Check the RPC return code and act accordingly.

**0x1032302a aud\_s\_dmn\_thread\_join\_listener**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Daemon thread %s unable to join the listener task

**Explanation:** An attempt to join the indicated daemon thread using the `pthread_join()` call failed.

**Action:** Check the return code of the `pthread_join()` call and act accordingly.

**0x10323015 aud\_s\_dmn\_trail\_mutex**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Daemon trail mutex initialization failed

**Explanation:** There was insufficient resource or memory to initialize the trail mutex.

**Action:** Check system resource availability.

**0x10323003 aud\_s\_dmn\_trail\_name**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** The -t option used without an argument

**Explanation:** The `-t` option requires a trail filename.

**Action:** Give the trail filename with the `-t` option.

**0x10323004 aud\_s\_dmn\_trail\_size**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** The -s option used without an argument

**Explanation:** The `-s` option requires a trail file size limit.

**Action:** Give the trail file size limit (defined by the user) with the `-s` option.

**0x10323005 aud\_s\_dmn\_usage**

**Severity:** Fatal      **Component:** aud/aud\_s\_general

**Text:** Unknown option %s used. Usage: %s [-i identity] [-a] [-t trail\_name] [-s size] [-wrap] [-d where] [-w where] [-D]

**Explanation:** ?

**Action:** Check arguments used.

**0x10323001 aud\_s\_dmn\_work\_dir**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** The Audit daemon cannot change to working directory %s

**Explanation:** An invalid directory was specified or no permission to the directory.

**Action:** Check the existence of the directory and its permissions.

**0x10323048 aud\_s\_empty\_event\_class\_list**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Audit event class list is empty

**Explanation:** The audit control client provided an empty event class list.

**Action:** Specify a valid event class. Refer to the Administration guide for the description of a valid event class.

**0x1032306c aud\_s\_evt\_classes**

**Severity:** Notice      **Component:** aud/aud\_s\_esl

**Text:** Event Classes:

**Explanation:** This is a listing of the event classes.

**Action:** None required.

**0x10323081 aud\_s\_evt\_tail\_info\_exceeds\_limit**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** The count of audit record tail information items exceeds the limit

**Explanation:** The tail portion of the audit trail record has exceeded its limit of 4K.

**Action:** Make sure that the tail portion of the audit record does not exceed 4K.

**0x10323038 aud\_s\_free\_encoding\_service\_handle**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot free encoding service handle

**Explanation:** A call to **rpc\_sm\_client\_free()** to free the encoding handle failed.

**Action:** Check the RPC return code, this may be a memory leak.

**0x1032308b aud\_s\_got\_server\_uuid**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** dce\_aud\_print received a server UUID. This was not expected. UUID is %s

**Explanation:** The dce\_aud\_print routine received a server UUID. This was not expected. The routine is expecting to always receive a NULL server UUID.

**Action:** Contact your DCE supplier.

**0x10323046 aud\_s\_invalid\_action\_bit\_set**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Audit action bit set %lx is not within %lx

**Explanation:** The audit control client provided an invalid action vector.

**Action:** Specify valid actions in the filter. Refer to the administration guide for the description of valid actions.

**0x10323083 aud\_s\_invalid\_audit\_trail\_size\_limit**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Environment variable DCEAUDITTRAILSIZE has an invalid value.

**Explanation:** The Environment variable **DCEAUDITTRAILSIZE** is either 0 or out of range.

**Action:** Assign a valid value to environment variable **DCEAUDITTRAILSIZE** and restart the server.



**0x10323047 aud\_s\_invalid\_condition\_bit\_set**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Audit condition bitset %lx is not within %lx or it contains no bit

**Explanation:** The audit control client provided an invalid condition vector.

**Action:** Specify valid conditions in the filter. Refer to the Administration Guide for the description of valid conditions.

**0x10323045 aud\_s\_invalid\_esl\_type**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** The esl type %d is invalid

**Explanation:** The audit control client provided a invalid esl type.

**Action:** Provide a valid esl type. Refer to the Administration guide for the description of valid esl types.

**0x10323044 aud\_s\_invalid\_esl\_type\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** The esl type is invalid

**Explanation:** The audit control client has provided an invalid esl type.

**Action:** Provide a valid esl type. Refer to the Administration guide for the description of valid esl types.

**0x1032306d aud\_s\_invalid\_event\_class\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Format error in event class file %s.

**Explanation:** A format error was encountered in the event class file.

**Action:** Correct the event class file format error, and retry.

**0x10323043 aud\_s\_invalid\_guide**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Invalid guide supplied

**Explanation:** The audit control client has provided an invalid guide, \ with condition, action or event class in error.

**Action:** Provide a valid guide. Refer to the Administration guide for a description of valid guides.

**0x10323070 aud\_s\_invalid\_line\_in\_class\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** An invalid line %s was found in event class file %s

**Explanation:** A line in the event class file had invalid syntax.

**Action:** Correct the invalid line and retry the operation. For the correct event class file syntax, refer to the Administration Guide.

**0x1032307e aud\_s\_invalid\_outcome**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** Outcome %lx supplied is invalid.

**Explanation:** An invalid outcome has been supplied.

**Action:** Check the range of valid outcomes, and provide the correct outcome.

**0x1032307d aud\_s\_invalid\_record\_descriptor**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** An invalid audit record descriptor was used.

**Explanation:** The user invoked the Audit routines and passed a NULL *ard*.

**Action:** Use a valid audit record descriptor. Refer to the Application Development Guide and Reference for the description of record descriptors.

**0x10323080 aud\_s\_invalid\_trail\_descriptor**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** An invalid audit trail descriptor was used

**Explanation:** The user invoked the Audit routines using an invalid *at* value.

**Action:** Use a valid audit trail descriptor.

**0x1032306f aud\_s\_line\_too\_long\_in\_class\_file**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** A line is too long in event class file %s

**Explanation:** A line in the event class file exceeds 2K.

**Action:** Check the event class file. Correct the line length and retry the operation.

**0x10323055 aud\_s\_lock\_esl\_file**

**Severity:** Notice      **Component:** aud/aud\_s\_esl

**Text:** Cannot lock file %s

**Explanation:** For various reasons (for example, file may be locked by others), the file cannot be locked.

**Action:** None required.

**0x10323036 aud\_s\_log\_access\_denied**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Client's audit log access denied

**Explanation:** A client attempted to log to the audit record; however, the client is not authorized to perform this operation.

**Action:** Check if the client should be authorized. Modify the ACL of the Audit daemon, if necessary.

**0x10323074 aud\_s\_no\_current\_login\_context**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Cannot get login context

**Explanation:** The **dce\_login** command has not been performed and is required by the requested operation.

**Action:** Execute the **dce\_login** command.

**0x10323073 aud\_s\_no\_filter**

**Severity:** Notice      **Component:** aud/aud\_s\_esl

**Text:** No filter was found for the subject.

**Explanation:** This is an informational message.

**Action:** None required.

**0x10323056 aud\_s\_open\_esl\_file**

**Severity:** Warning      **Component:** aud/aud\_s\_esl

**Text:** Cannot open esl file %s

**Explanation:** The Audit daemon cannot open the esl file.

**Action:** Check if the esl file should be there. If so, check permissions.

**0x10323057 aud\_s\_open\_esl\_update\_file**

**Severity:** Warning      **Component:** aud/aud\_s\_esl

**Text:** Cannot open esl update file %s

**Explanation:** The Audit daemon cannot open the esl file.

**Action:** Check if the esl file should be there. If so, check permissions.

**0x1032307f aud\_s\_outcomes\_inconsistent**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** Outcome %lx supplied in dce\_aud\_commit is not consistent with %lx supplied in dce\_aud\_start().

**Explanation:** Outcome supplied in dce\_aud\_commit has to be consistent with the one in dce\_aud\_start().

**Action:** Check consistency of outcomes supplied in **dce\_aud\_start()** and **dce\_aud\_commit()**.

**0x10323035 aud\_s\_permission\_denied**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Client has no permission to execute operation

**Explanation:** The client is not authorized to execute the operation invoked.

**Action:** Check if the client should be authorized. Modify the ACL of the Audit daemon, if necessary.

**0x1032305e aud\_s\_remove\_dir\_client\_update\_binding\_failed**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Unable to remove client update binding directory %s, rc= %d, errno= %d

**Explanation:** Audit client cannot remove its binding directory.

**Action:** Remove the specified directory.

**0x1032305d aud\_s\_remove\_file\_client\_update\_binding\_failed**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Unable to remove client update binding file %s, rc= %d, errno= %d

**Explanation:** Audit client cannot remove its binding file.

**Action:** Remove the specified file.

**0x10323053 aud\_s\_rename\_esl\_file**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot rename %s to %s

**Explanation:** Internally, the esl file was being renamed and the renaming failed.

**Action:** Report the problem to OSF.

**0x10323054 aud\_s\_rename\_esl\_update\_file**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot rename %s to %s

**Explanation:** Internally, the esl update file was being renamed and the renaming failed.

**Action:** Report the problem to OSF.

**0x1032304c aud\_s\_rename\_trail\_file**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot rename %s to %s

**Explanation:** Internally, the audit trail file was being renamed and the renaming failed.

**Action:** Report the problem to OSF.

**0x1032304b aud\_s\_rename\_trail\_file\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot rename audit trail file

**Explanation:** Internally, the audit trail file was being renamed and the renaming failed.

**Action:** Report the problem to OSF.

**0x1032304e aud\_s\_rename\_trail\_index\_file**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot rename %s to %s

**Explanation:** Internally, the audit trail index file was being renamed and the renaming failed.

**Action:** Report the problem to OSF.

**0x1032304d aud\_s\_rename\_trail\_index\_file\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Cannot rename audit trail index file

**Explanation:** Internally, the audit trail index file was being renamed and the renaming failed.

**Action:** Report the problem to OSF.

**0x10323065 aud\_s\_retry\_lock\_esl\_file**

**Severity:** Warning      **Component:** aud/aud\_s\_esl

**Text:** Cannot lock esl file %s, retry %d seconds later

**Explanation:** The indicated event selection list could not be locked because it is being read.

**Action:** Wait for the indicated time and retry the operation.

**0x10323059 aud\_s\_retry\_lock\_esl\_updt\_file**

**Severity:** Warning      **Component:** aud/aud\_s\_esl

**Text:** Cannot lock esl update file %s, retry %d seconds later

**Explanation:** The indicated event selection list could not be locked for update because it is being read.

**Action:** Wait for the indicated time and retry the operation.

**0x1032308d aud\_s\_rewind\_index\_file**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Could not rewind the Audit index file

**Explanation:** The **ftruncate()** call on the index file failed.

**Action:** Contact your system administrator.

**0x1032308c aud\_s\_rewind\_trail\_file**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Could not rewind the Audit trail file

**Explanation:** The **ftruncate()** call on the trail file failed.

**Action:** Contact your system administrator.

**0x1032302f aud\_s\_rgy\_server\_unavailable**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** Registry server is not available

**Explanation:** An attempt was made to use the Registry server, but it was not found.

**Action:** The Security daemon must be running in order to use the Registry server. Start the Security daemon and retry the operation.

**0x10323037 aud\_s\_rpc\_count**

**Severity:** Notice      **Component:** aud/aud\_s\_general

**Text:** Audit daemon serving RPC number %d

**Explanation:** The Audit daemon keeps track of RPC operations and displays this message.

**Action:** None required.

**0x10323077 aud\_s\_stat\_esl\_file**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot stat esl file %s

**Explanation:** The **fstat()** call on the esl file failed.

**Action:** Check the **fstat()** error code and act accordingly.

**0x10323058 aud\_s\_stat\_esl\_update\_file**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot stat esl update file %s

**Explanation:** The UNIX **stat** command returned an error when the Audit daemon tried to get size information about the esl file.

**Action:** Make sure the file exists. The file name is of the form **/opt/dcelocal/var/audit/esl\***.

**0x1032307c aud\_s\_trail\_file\_corrupted**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** Trail file %s is corrupted.

**Explanation:** The **fread()** call on the trail file failed.

**Action:** Contact your system administrator.

**0x10323082 aud\_s\_trl\_file\_size\_limit**

**Severity:** Notice      **Component:** aud/aud\_s\_trl

**Text:** Audit trail file %s and its companion index file %s are ready to be backed-up.

**Explanation:** This is an informational message, indicating that the audit trail file has reached its set limit, has been saved to the named files, which can be backed up to save on-line storage space for new audit records.

**Action:** Back up the audit trail file and its companion index file and remove these files.

**0x10323061 aud\_s\_trl\_full**

**Severity:** Error      **Component:** aud/aud\_s\_evt



**Text:** The trail file is full

**Explanation:** The storage size limit for the audit trail file has been reached.

**Action:** Empty the trail file and issue the **aud enable** command to restart the logging of audit records.

**0x1032304a aud\_s\_trl\_invalid\_open\_flags**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** dce\_aud\_open received invalid option combination

**Explanation:** An attempt was made to open an audit trail file, but neither the read or write option was specified.

**Action:** The **dce\_aud\_open()** function must include either the **read** or **write** option. Correct the function call by including one of these options.

**0x10323049 aud\_s\_trl\_invalid\_stostrategy**

**Severity:** Error      **Component:** aud/aud\_s\_trl

**Text:** Audit trail store strategy is invalid

**Explanation:** The audit control client provided an invalid store strategy.

**Action:** Provide a valid store strategy. Valid store strategies are described in the Administration guide.

**0x10323060 aud\_s\_trl\_write\_failure**

**Severity:** Error      **Component:** aud/aud\_s\_evt

**Text:** The write to the trail file failed.

**Explanation:** An attempt to write to the audit trail file (using the **fwrite()** call) failed.

**Action:** Find out the reason why **fwrite()** failed and act accordingly.

**0x1032305f aud\_s\_unable\_to\_sync\_client**

**Severity:** Warning      **Component:** aud/aud\_s\_esl

**Text:** Unable to inform process %s about esl update

**Explanation:** Audit client died without cleaning its binding file, thus the indicated process was not notified of the event selection list update.

**Action:** Remove the obsolete client binding file.

**0x10323042 aud\_s\_unknown\_cell**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Foreign cell %s is not registered or has been removed

**Explanation:** An unknown cell name was used in a filter

**Action:** Provide a known cell name.

**0x10323041 aud\_s\_unknown\_cell\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Foreign cell is not registered or has been removed

**Explanation:** An unknown cell name was used in a filter.

**Action:** Provide a known cell name.

**0x1032306e aud\_s\_unknown\_event\_class**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** %s is not a known event class.

**Explanation:** There is no event class file for the indicated event class.

**Action:** Use a known event class. Use the **audevents catalog** command to obtain a list of all known event classes.

**0x10323040 aud\_s\_unknown\_foreign\_group**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Foreign group %s is not registered or has been removed

**Explanation:** An unknown foreign group name was used in a filter.

**Action:** Provide a known foreign group name.

**0x1032303f aud\_s\_unknown\_foreign\_group\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Foreign group is not registered or has been removed

**Explanation:** An unknown foreign group name was used in a filter.

**Action:** Provide a known foreign group name.

**0x1032303c aud\_s\_unknown\_foreign\_principal**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Foreign principal %s is not registered or has been removed

**Explanation:** An unknown foreign principal name was used in a filter.

**Action:** Provide a known foreign principal name.

**0x1032303b aud\_s\_unknown\_foreign\_principal\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Foreign principal is not registered or has been removed

**Explanation:** An unknown foreign principal name was used in a filter.

**Action:** Provide a known foreign principal name.

**0x1032303e aud\_s\_unknown\_group**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Group %s is not registered or has been removed

**Explanation:** An unknown group name was used in a filter.

**Action:** Provide a known group name.

**0x1032303d aud\_s\_unknown\_group\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Group is not registered or has been removed

**Explanation:** An unknown group name was used in a filter.

**Action:** Provide a known group name.

**0x1032303a aud\_s\_unknown\_principal**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Principal %s is not registered or has been removed

**Explanation:** An unknown principal name was used in a filter.

**Action:** Provide a known principal name.

**0x10323039 aud\_s\_unknown\_principal\_rc**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Principal is not registered or has been removed

**Explanation:** An invalid principal name was used in a filter.

**Action:** Provide a known principal name.

**0x1032308a aud\_s\_updt\_opendir\_fail**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot open %s: errno = %d

**Explanation:** The **opendir()** call failed.

**Action:** There is some problem in opening the specified directory. Verify that the permissions on the directory are correct and that there are not any filesystem problems.

**0x10323064 aud\_s\_uuid\_hash\_failed**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** Cannot get the hash value of the subject uuid: %s ; status: %s

**Explanation:** The **uuid\_hash** call failed.

**Action:** See the corresponding RPC error code.

**0x10323066 aud\_s\_wrong\_esl\_file\_version**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** The format of esl file %s is not current version

**Explanation:** The internal file which holds the filter was corrupted.

**Action:** Remove the old version of the esl file, and retry the operation.

**0x10323067 aud\_s\_wrong\_esl\_updt\_file\_version**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** The format of esl update file %s is not current version

**Explanation:** An attempt was made to read an esl update file which was not current.

**Action:** Remove the old version of the esl update file, and retry the operation.

**0x10323030 aud\_s\_wrong\_protection\_level**

**Severity:** Error      **Component:** aud/aud\_s\_general

**Text:** RPC client used wrong protection level

**Explanation:** Returned the information from the `rpc_binding_inq_auth()` together with `authr_level=rpc_c_protect_level_pkt_privacy` and `authz_svc=rpc_c_authz_dce`.

**Action:** Check communication between the client and the application server. Then, adjust the protection level.

**0x1032305a aud\_s\_wrong\_version\_esl\_updt\_file**

**Severity:** Error      **Component:** aud/aud\_s\_esl

**Text:** The version of esl update file %s is not current

**Explanation:** An attempt was made to read an esl update file which was obsolete.

**Action:** Remove the obsolete esl update file.

**0x10d0a3ed CDS\_ACCESSDENIED**

**Severity:** Varies      **Component:** cds

**Text:** Insufficient rights to perform requested operation

**Explanation:** The user account from which you entered the command does not have the required CDS permissions to perform the operation you requested.

**Action:** Assuming you have adequate permissions, grant yourself (the principal under which you are logged in) the appropriate permissions to perform the operation. Otherwise, contact your namespace administrator to get the appropriate permissions, or reenter the command while you are logged in to an account that has the required permissions.

**0x10d0a7d0 CDS\_ACCESSVIOLATION**

**Severity:** Varies      **Component:** cds

**Text:** Access violation.

**Explanation:** Requestor does not have the permission to issue the command.

**Action:** Change the server management acl or login as an authorized principal and try again.

**0x10d0a460 CDS\_ALIASCYCLE**

**Severity:** Varies      **Component:** cds

**Text:** The supplied cellname would result in a hierarchical cycle.

**Explanation:** A loop has been detected in the name chosen.

**Action:** Supply a different cellname.

**0x10d0a45e CDS\_ALIASTOOLONG**

**Severity:** Varies      **Component:** cds

**Text:** The supplied cellname is required to be < 255 bytes in length.

**Explanation:** Name too long.

**Action:** Choose a shorter cellname.

**0x10d0a462 CDS\_ALIASTOOSHORT**

**Severity:** Varies      **Component:** cds

**Text:** The supplied cellname is required to have two simple names for an alias and three simple names for a child alias.

**Explanation:** Cellname is too short.

**Action:** Choose a longer cellname.

**0x10d0a3fa CDS\_ALREADYREPLICA**

**Severity:** Varies      **Component:** cds

**Text:** Specified clearinghouse already contains a copy of the directory

**Explanation:** You tried to create a replica of a directory in a clearinghouse that already contains a replica of that directory. A clearinghouse can store only one replica of a directory.

**Action:** None required, or choose another clearinghouse in which to create the replica.

**0x10d0a403 CDS\_BADCLOCK**

**Severity:** Varies      **Component:** cds

**Text:** Server clocks are not synchronized

**Explanation:** While propagating updates, CDS detected that an update contained an invalid timestamp. The discrepancy between the server that issued the invalid timestamp and the other CDS servers on the network is greater than 4 minutes.

**Action:** Verify that the DCE Distributed Time Service is running and is correctly synchronizing all servers listed in the message text. See the Distributed Time Service documentation in the Administration Guide for further information.

**0x10d0a402 CDS\_BADEPOCH**

**Severity:** Varies      **Component:** cds

**Text:** Directory replicas are not synchronized

**Explanation:** During a skulk of a directory, the update procedure found that the values stored in the **CDS\_Epoch** attribute of each replica in the directory's replica set were not identical.

**Action:** Use the **set directory to new epoch** command to synchronize all replicas in the directory's replica set.

**0x10d0a3ee CDS\_CANNOTAUTHENTICATE**

**Severity:** Varies      **Component:** cds

**Text:** Requesting principal could not be authenticated to the clearinghouse

**Explanation:** The server could not obtain a Privilege Attribute Certificate it could use for user authentication.

**Action:** Login again and retry the command.

**0x10d0a45d CDS\_CANNOT\_REM\_CELLNAME**

**Severity:** Varies      **Component:** cds

**Text:** You cannot remove the current cellname alias.

**Explanation:** Cannot remove cell alias.

**Action:** Either choose a different alias to remove or change the current primary alias for the cell.

**0x10d0a459 CDS\_CANNOT\_REM\_PREFERRED**

**Severity:** Varies      **Component:** cds

**Text:** You cannot remove the current primary cell alias (current cell name).

**Explanation:** Operation cannot be performed.

**Action:** Either choose a different alias to remove or change the current primary alias for the cell.

**0x10d0a401 CDS\_CLEARINGHOUSEDOWN**

**Severity:** Varies      **Component:** cds

**Text:** Requested clearinghouse exists but is not available

**Explanation:** The clearinghouse that you tried to access resides on the specified server but is not currently available. The clearinghouse may not be running.

**Action:** Restart the server on the node where the clearinghouse resides.

**0x10d0a7ce CDS\_CLERKBUG**

**Severity:** Varies      **Component:** cds

**Text:** Implementation specific error

**Explanation:** CDS detected a software error in the clerk interface.

**Action:** This error may indicate a serious problem in the clerk running on the system that receives the message. However, if CDS service is not interrupted, and even if the error recurs, wait at least 24 hours before taking any action. If, after 24 hours, the error messages continue to occur, or if CDS service is interrupted, contact your software supplier.

**0x10d0a96f CDS\_CL\_READ**

**Severity:** Varies      **Component:** cds

**Text:** Buffer too small

**Explanation:** The buffer provided to cdsGetMsg() was too small for the requested message.

**Action:** See your DCE support person.



**0x10d0a3ef CDS\_CONFLICTINGARGUMENTS**

**Severity:** Varies      **Component:** cds

**Text:** Conflicting arguments specified

**Explanation:** Your command contains two or more conflicting arguments. You cannot include the specified arguments within a single command.

**Action:** Reenter your command, omitting the conflicting argument (or arguments).

**0x10d0aef8 CDSCP\_ACC\_DENIED**

**Severity:** Varies      **Component:** cds

**Text:** Access denied.\n

**Explanation:** You must be a local superuser to dump the clerk cache.

**Action:** Log in as root and try again.

**0x10d0af23 CDSCP\_ASKNOMEM**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** Could not allocate memory for error text.\n

**Explanation:** Insufficient memory for error list element.

**Action:** Check system swap space and try again.

**0x10d0af33 CDSCP\_BUG\_EMIT\_LINE**

**Severity:** Varies      **Component:** cds

**Text:** Problem in emit\_line of op\_list.c got status %d while trying to write:\n%s\n on %s.\n

**Explanation:** The **fprintf(3s)** function failed while trying to display response lines.

**Action:** See your DCE support person.

**0x10d0aed8 CDSCP\_CANT\_OPEN**

**Severity:** Varies      **Component:** cds

**Text:** Could not open file %s\n

**Explanation:** The specified file for the **do** command could not be opened.

**Action:** Check that the file exists.

**0x10d0aed3 CDSCP\_CANT\_OPEN\_PARSE\_TABLE**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** Cannot open file %s\n

**Explanation:** The auxilliary file **cdscp.bpt** could not be opened.

**Action:** Reinstall cdscp.

**0x10d0af24 CDSCP\_CMD\_DFL**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** Internal error: command function %d not handled.\n

**Explanation:** An internal error in cdscp parsed a command number which is not handled.

**Action:** Software version mismatch. See your DCE support person.

**0x10d0aef2 CDSCP\_CMD\_TOOBIG**

**Severity:** Varies      **Component:** cds

**Text:** Command requires %d byte buffer; parser has %d bytes\n

**Explanation:** The command line is too long for the command buffer.

**Action:** This should never happen, max is 44444 bytes

**0x10d0af31 CDSCP\_CMD\_TOO\_BIG**

**Severity:** Varies      **Component:** cds

**Text:** Command too big.\n

**Explanation:** The command line is too long for the command buffer.

**Action:** This should never happen on a valid command.

**0x10d0aecc CDSCP\_DUPCL**

**Severity:** Varies      **Component:** cds

**Text:** Clearinghouse %s duplicated\n

**Explanation:** You specified the same clearinghouse name more than once in the **set directory to new epoch** command.

**Action:** Reenter your command, omitting the duplicate clearinghouse specification.

**0x10d0af32 CDSCP\_FILE\_NOT\_OPEN**

**Severity:** Varies      **Component:** cds

**Text:** Could not open file %s.\n

**Explanation:** An fopen(3s) call failed

**Action:** Make sure the file exists and that file protection is set appropriately.

**0x10d0af2e CDSCP\_GRATTRS\_1**

**Severity:** Error      **Component:** cds/cds\_svc\_cdscp

**Text:** Received CDS\_NOCOMMUNICATION adding attribute %s to %s\n

**Explanation:** An attribute set value could not be added due to communications problem.

**Action:** Retry the operation.

**0x10d0aed6 CDSCP\_LOAD\_FAILURE**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** Parse table load failure (%d)\n

**Explanation:** The parse table **cdscp.bpt** could not be loaded.

**Action:** Reinstall cdscp.

**0x10d0aecf CDSCP\_MISEXCL**

**Severity:** Varies      **Component:** cds

**Text:** Clearinghouse %s exclusion argument missing\n

**Explanation:** You did not account for **clearinghouse name** (which stores a replica of the directory that you specified) in your **set directory to new epoch** command.

**Action:** If the replica at this clearinghouse is still a part of the directory's replica set, you must include the clearinghouse name and the replica type in the command. If you

intend to exclude the replica from the replica set, use the **exclude** argument in the command. You must account for all existing replicas in the command.

**0x10d0aeda CDSCP\_MSG\_PARSE\_STATUS**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** Status %d returned from parser\n%s\n

**Explanation:** The auxilliary file **cdscp.bpt** may be corrupt.

**Action:** Should not happen. Try reinstalling cdscp. If this doesn't correct the problem contact your DCE support person.

**0x10d0aed7 CDSCP\_NO\_FILE\_MEM**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** No memory for %d byte file %s\n

**Explanation:** Could not get sufficient memory to read the parse file.

**Action:** Insure sufficient swap space.

**0x10d0aed5 CDSCP\_NO\_FIT**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** %d byte file %s will not fit in %d byte buffer\n

**Explanation:** A parse file line was longer than the read buffer could accomodate.

**Action:** The parse file is too big. Contact your DCE support person.

**0x10d0aef4 CDSCP\_NOGETHAND**

**Severity:** Varies      **Component:** cds

**Text:** No memory to get handle to nameserver.\n

**Explanation:** An enumeration handle could not be obtained for reading attributes.

**Action:** Insure sufficient swap space and try command again.

**0x10d0aece CDSCP\_NOMASTER**

**Severity:** Varies      **Component:** cds

**Text:** No master in directory replica set\n

**Explanation:** The **show cell** command could not find the master replica of the cell root directory.

**Action:** Enter the **set cdscp confidence** command with a *value* or **Lhigh** and try again.

**0x10d0af1e CDSCP\_NOMEM**

**Severity:** Error      **Component:** cds/cds\_svc\_cdscp

**Text:** Insufficient memory to display tower.\n

**Explanation:** A **malloc(3)** failed.

**Action:** Check swap space and try again.

**0x10d0aef1 CDSCP\_NOMEM\_DOFILE**

**Severity:** Varies      **Component:** cds

**Text:** No memory for processing command file %s\n

**Explanation:** Could not get enough memory for **do** command block.

**Action:** Insure sufficient swap space. Reduce size of file.

**0x10d0aef3 CDSCP\_NOMEM\_REPSET**

**Severity:** Varies      **Component:** cds

**Text:** No memory for building replica set.\n

**Explanation:** Memory for creating a replica set could not be obtained during the creation of a child pointer.

**Action:** Insure sufficient swap space and try again.

**0x10d0aed0 CDSCP\_NOREP**

**Severity:** Varies      **Component:** cds

**Text:** No replica of specified directory exists at clearinghouse %s\n

**Explanation:** The clearinghouse *clearinghouse\_name* (that you specified in the **exclude** argument of your **set directory to new epoch** command) does not store a replica of the specified directory.

**Action:** Enter the **show directory** command and specify the **CDS\_Replicas** attribute to display a list of the clearinghouses that contain replicas of the specified directory. Then, reenter your original command and specify the correct clearinghouse names.

**0x10d0aed9 CDSCP\_PARSE\_ERROR**

**Severity:** Varies      **Component:** cds

**Text:** Syntax error\n%s\n%s^\n

**Explanation:** The CDS control program detected a syntax error in your command before attempting to execute it. The command may contain misspelled words, illegal characters, or other typographical errors. You may have included extraneous words or omitted required node, option, or argument specifications. Command arguments and options may not appear in proper sequence.

**Action:** Invoke CDS online help or refer to the *DCE Administration Reference* for a description of proper syntax for the command you are trying to use. Reenter your command correctly.

**0x10d0aed2 CDSCP\_PARSE\_VERSION**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** Version mismatch between parse table file %s and parser\n

**Explanation:** The auxilliary file **cdscp.bpt** is the incorrect version.

**Action:** Reinstall cdscp.

**0x10d0aed4 CDSCP\_READ\_ERROR**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cdscp

**Text:** Could not read file %s\n

**Explanation:** The auxilliary file **cdscp.bpt** could not be read.

**Action:** Reinstall cdscp.

**0x10d0aecd CDSCP\_TWO\_MASTERS**

**Severity:** Varies      **Component:** cds

**Text:** More than one master replica specified\n

**Explanation:** You specified more than one master replica in the **set directory to new epoch** command. A directory's replica set can contain only one master replica.

**Action:** Reenter your command and specify only one clearinghouse location for the directory's master replica.

**0x10d0af1d CDS CP\_UNIMPL\_OUT\_FNC**

**Severity:** Error      **Component:** cds/cds\_svc\_cdscp

**Text:** Unimplemented output function for attribute id (%d), continuing display.\n

**Explanation:** cdscp does not know how to display this returned attribute.

**Action:** Software version mismatch. See your DCE support person.

**0x10d0af1f CDS CP\_UNK\_CA\_CLE\_ATT**

**Severity:** Error      **Component:** cds/cds\_svc\_cdscp

**Text:** Unknown cached clearinghouse attribute id (%d) encountered.\n

**Explanation:** The clerk returned an attribute which was unknown to this cdscp.

**Action:** Software version mismatch. See your DCE support person.

**0x10d0af20 CDS CP\_UNK\_CLE\_CTR**

**Severity:** Error      **Component:** cds/cds\_svc\_cdscp

**Text:** Unknown clearinghouse counter id (%d) encountered.\n

**Explanation:** The clerk returned a clearinghouse counter which was unknown to this cdscp.

**Action:** Software version mismatch. See your DCE support person.

**0x10d0af1c CDS CP\_UNK\_CLRK\_ATT**

**Severity:** Error      **Component:** cds/cds\_svc\_cdscp

**Text:** Unknown clerk attribute id (%d), continuing display.\n

**Explanation:** The clerk returned an attribute which was unknown to this cdscp.

**Action:** Software version mismatch. See your DCE support person.

**0x10d0af21 CDSKP\_UNK\_SVR\_ATT**

**Severity:** Error      **Component:** cds/cds\_svc\_cdscp

**Text:** Unknown server attribute id (%d), continuing.\n

**Explanation:** The server returned an attribute which was unknown to this cdscp.

**Action:** Software version mismatch. See your DCE support person.

**0x10d0aca6 CDS\_CSCLHEXISTS**

**Severity:** Varies      **Component:** cds

**Text:** Cached Server clearinghouse already exists

**Explanation:** A clearinghouse returned by the requested server already exists in the cache.

**Action:** Check if there is a duplicate clearinghouse name.

**0x10d0aca7 CDS\_CSNOCLH**

**Severity:** Varies      **Component:** cds

**Text:** No clearinghouse returned by server

**Explanation:** The server on the requested node has no clearinghouses.

**Action:** Make sure you are using the proper address.

**0x10d0aca5 CDS\_CSTAGEXISTS**

**Severity:** Varies      **Component:** cds

**Text:** Cached Server tag already exists

**Explanation:** The requested cached server name already exists.

**Action:** Choose a different name.

**0x10d0aca4 CDS\_CSTAGUNKNOWN**

**Severity:** Varies      **Component:** cds

**Text:** Cached Server tag is unknown

**Explanation:** The requested cached server doesn't exist.

**Action:** Verify the supplied name.



**0x10d0a3ff CDS\_DANGLINGLINK**

**Severity:** Varies      **Component:** cds

**Text:** Specified soft link points to nonexistent entry

**Explanation:** The **CDS\_LinkTarget** to which the specified soft link points no longer exists (or may never have existed) in the namespace.

**Action:** Enter the **delete link** command to delete the soft link, or use the **set link** command to modify the current **CDS\_LinkTarget** value.

**0x10d0a404 CDS\_DATACORRUPTION**

**Severity:** Varies      **Component:** cds

**Text:** Data corruption detected at clearinghouse

**Explanation:** An error occurred while CDS was accessing the data in a clearinghouse. The clearinghouse may be corrupted.

**Action:** Refer to the servicability logs on the system where the clearinghouse resides to determine the cause of the error. Verify the corruption. If any of the clearinghouse database files are missing, the clearinghouse cannot be recovered. Use the **set directory to new epoch** command to rebuild the replica sets of the directories that stored a replica in the corrupted clearinghouse. This permits CDS to complete skulks of these directories. To restore the clearinghouse, create a new clearinghouse and repopulate it with the same directories (of the same replica types) that the corrupted clearinghouse originally contained.

**0x10d0a89d CDS\_EMPTY**

**Severity:** Varies      **Component:** cds

**Text:** Empty set.

**Explanation:** During a clerk Enumerate or ReadAttrValue, all the values have been returned.

**Action:** None required.

**0x10d0a3f3 CDS\_ENTRYEXISTS**

**Severity:** Varies      **Component:** cds

**Text:** Specified full name already exists

**Explanation:** You cannot create the name that you specified because an identical name already exists in the namespace.

**Action:** Make sure that the full name you specified is actually the name you intended to create. If it is, you must choose another name that does not already exist in the namespace.

**0x10d0afff CDS\_ERROR**

**Severity:** Varies      **Component:** cds

**Text:** An error occurred calling a CDS API function.

**Explanation:** An error occurred calling a CDS API function.

**Action:** Examine the arguments returned in the flagstat to determine the actual cause of the problem.

**0x10d0afd3 CDS\_GDB\_ERROR**

**Severity:** Varies      **Component:** cds

**Text:** Error return from gdb\_\* function.

**Explanation:** Error return from gdb\_\* function.

**Action:** Check the in-line documentation for the function for specific meaning.

**0x10d0afd7 CDS\_GDB\_EXISTS**

**Severity:** Varies      **Component:** cds

**Text:** The specified entry exists in the database

**Explanation:** The specified entry exists in the database

**Action:** None.

**0x10d0afd5 CDS\_GDB\_NO\_SECONDARY**

**Severity:** Varies      **Component:** cds

**Text:** No secondary index has been created already on this database

**Explanation:** No secondary index has been created already on this database

**Action:** Verify that you aren't trying specify a secondary index.

**0x10d0afd6 CDS\_GDB\_NOT\_FOUND**

**Severity:** Varies      **Component:** cds

**Text:** Reached end of database without being able to satisfy request.

**Explanation:** Reached end of database without being able to satisfy request.

**Action:** Depending on if this is in response to a sequential lookup or a specific entry lookup, specifies the entry doesn't exist, or end of database.

**0x10d0afd4 CDS\_GDB\_SECONDARY**

**Severity:** Varies      **Component:** cds

**Text:** A secondary index has been created already on this database

**Explanation:** A secondary index has been created already on this database

**Action:** Don't create secondary index. Include secondary index on all inserts

**0x10d0a3e9 CDS\_INVALIDARGUMENT**

**Severity:** Varies      **Component:** cds

**Text:** Invalid argument

**Explanation:** An invalid argument was passed to a cds API routine.

**Action:** Check the calling routine.

**0x10d0a3ea CDS\_INVALIDNAME**

**Severity:** Varies      **Component:** cds

**Text:** Invalid name

**Explanation:** The command you entered may contain misspelled words, illegal characters, or other typographical errors. You may have included extraneous words or omitted required node, option, or argument specifications. Command arguments and options may not appear in proper sequence.

**Action:** Invoke CDS online help or refer to the **DCE Administration Reference** for a description of proper syntax for the command you are trying to use. Reenter your command correctly.

**0x10d0a3f7 CDS\_INVALIDUPDATE**

**Severity:** Varies      **Component:** cds

**Text:** Specified attribute cannot be modified

**Explanation:** You attempted to change the value of an attribute that cannot be modified.

**Action:** None required.

**0x10d0a45f CDS\_LOWDIRVERSION**

**Severity:** Varies      **Component:** cds

**Text:** For cellname commands, the CDS\_DirectoryVersion attribute is required to be 4.0 or greater.

**Explanation:** Directory version does not support this feature.

**Action:** See the documentation on how to upgrade the directory version of a directory.

**0x10d0a45a CDS\_MISSING\_ALLUPTO**

**Severity:** Varies      **Component:** cds

**Text:** Unable to modify the cell aliases because the root directory is missing the AllUpTo attribute.

**Explanation:** This is a highly unusual situation and may be a signal that there are other problems with the Cell Directory Service.

**Action:** Try skulking the root directory of the cell.

**0x10d0a461 CDS\_MISSING\_DIRECTORYVERSION**

**Severity:** Varies      **Component:** cds

**Text:** Unable to modify the cell aliases because the root directory is missing the DirectoryVersion attribute.

**Explanation:** This is a highly unusual situation and may be a signal that there are other problems with the Cell Directory Service.

**Action:** Try skulking the root directory of the cell.

**0x10d0a406 CDS\_MORETHANONEREPLICA**

**Severity:** Varies      **Component:** cds

**Text:** Replica set of specified directory contains more than one replica

**Explanation:** You tried to delete a directory whose replica set still contains one or more read-only replicas.

**Action:** Enter the **show directory** command and specify the **CDS\_Replicas** attribute to display a list of the clearinghouses that contain replicas of the directory. You must delete all read-only replicas before you can delete the directory's master replica.

**0x10d0a45c CDS\_MULT\_PREFERRED**

**Severity:** Varies      **Component:** cds

**Text:** Multiple primary aliases have been detected in the CDS\_CellAliases attribute.

**Explanation:** This should not happen.

**Action:** Call your support people.

**0x10d0a7cf CDS\_NAMESERVERBUG**

**Severity:** Varies      **Component:** cds

**Text:** Software error detected in server

**Explanation:** CDS detected a software error in a server.

**Action:** This error may indicate a serious problem in the server running on the system that receives the message. However, if CDS service is not interrupted, and even if the error recurs, wait at least 24 hours before taking any action. For a server, the 24-hour waiting period allows sufficient time for CDS to complete skulks of all the directories stored in the server's clearinghouse. Often, the skulking process solves the problem causing the error. If, after 24 hours, the error messages continue to occur, or if CDS service is interrupted, contact your software supplier.

**0x10d0a40b CDS\_NEWVERSIONSKEW**

**Severity:** Varies      **Component:** cds

**Text:** Old replica cannot be included in new replica set

**Explanation:** An attempt was made to add an older directory replica into a newer replica set; the older replica will not recognize newer acl formats.

**Action:** Upgrade the old clearinghouse or be content with what you have.

**0x10d0a3ec CDS\_NOCOMMUNICATION**

**Severity:** Varies      **Component:** cds

**Text:** Unable to communicate with any CDS server

**Explanation:** The clerk from which you issued your command was unable to communicate with any CDS server capable of processing your request.

**Action:** Verify connectivity to an appropriate server system. Make sure that the server is running. Make sure that at least one clearinghouse that stores a replica of the directory you want to access is reachable and is running.

**0x10d0a3eb CDS\_NONSRESOURCES**

**Severity:** Varies      **Component:** cds

**Text:** Insufficient local resources

**Explanation:** The local system was unable to provide adequate memory or communications resources to process your request.

**Action:** Monitor the available memory and check system log files to determine the current availability of system resources. If necessary, allocate additional resources.

**0x10d0a464 CDS\_NOPREFERRED\_EXISTS**

**Severity:** Varies      **Component:** cds

**Text:** There is no existing primary alias for the local cell.

**Explanation:** To create a hierarchical cell relationship, the child cell must have its primary alias set.

**Action:** Set the primary alias for the local cell.

**0x10d0a7e9 CDS\_NOROOM**

**Severity:** Varies      **Component:** cds

**Text:** Insufficient room in buffer

**Explanation:** The supplied buffer is not large enough to hold the requested item.

**Action:** Supply a larger buffer (usually a correct size will be returned).

**0x10d0a400 CDS\_NOTAGROUP**

**Severity:** Varies      **Component:** cds

**Text:** Not a group

**Explanation:** A **TestGroup** operation was tried on an object whose class was not **CDS\_Group**.

**Action:** Specify the right group.

**0x10d0a457 CDS\_NOT\_AN\_ALIAS**

**Severity:** Varies      **Component:** cds

**Text:** The name provided was not an alias or the current cell name.

**Explanation:** The name provided is either for another cell or referred to the current primary name of the cell.

**Action:** Check that the name provided is a cell alias (not primary) of the current cell.

**0x10d0a3f9 CDS\_NOTAREPLICA**

**Severity:** Varies      **Component:** cds

**Text:** Specified clearinghouse does not contain a copy of the directory

**Explanation:** The clearinghouse you specified in the command does not contain a replica of the directory you are trying to access.

**Action:** Enter the show directory command and specify the **CDS\_Replicas** attribute to display the names of the clearinghouses that contain a replica of the directory you are trying to access. Reenter your original command and specify a clearinghouse that stores a replica of the target directory.

**0x10d0a451 CDS\_NOTCHDIRECTORY**

**Severity:** Varies      **Component:** cds

**Text:** Specified directory does not allow clearinghouse name storage

**Explanation:** The directory where the new clearinghouse is to be located does not have **CDS\_InCHName** set to 1.

**Action:** This should never happen. All clearinghouses are registered under the root directory. Change the name of the clearinghouse.

**0x10d0a3fc CDS\_NOTEMPTY**

**Severity:** Varies      **Component:** cds

**Text:** Directory must be empty to be deleted

**Explanation:** You attempted to delete a directory that still contains entries.

**Action:** Delete the contents of the directory before you reenter the delete directory command.

**0x10d0a3f6 CDS\_NOTIMPLEMENTED**

**Severity:** Varies      **Component:** cds

**Text:** Requested optional function is not implemented in this release

**Explanation:** You entered a command requesting an operation that is supported by the current version of the CDS architecture, but is defined as optional and has not been implemented in this release of the CDS software.

**Action:** None required.

**0x10d0a456 CDS\_NOTINCELL**

**Severity:** Varies      **Component:** cds

**Text:** The name provided is not a part of the current cell.

**Explanation:** In translating a global name to a cell-relative name, the global name provided is for another cell.

**Action:** Check that the global name specifies one of the current cell aliases in its name.

**0x10d0a3fd CDS\_NOTLINKED**

**Severity:** Varies      **Component:** cds

**Text:** Specified name exists but is not a soft link

**Explanation:** The name that you specified exists in the namespace but is not a soft link.

**Action:** Use the list link command to display the names of all the soft links in the appropriate directory. Reenter your command and specify the correct name of the soft link that you are trying to access.



**0x10d0a463 CDS\_NOTPREFERREDHIERARCHY**

**Severity:** Varies      **Component:** cds

**Text:** The proposed parent name is not its cellname or primary alias.

**Explanation:** Incorrect parent name specified.

**Action:** Verify that the parent name indeed exists.

**0x10d0a450 CDS\_NOTROOT**

**Severity:** Varies      **Component:** cds

**Text:** This operation must be performed on the master copy of root directory

**Explanation:** You entered a command requesting an operation that must be directed to the clearinghouse that stores the master replica of the root directory.

**Action:** Enter the **show directory** command for the root directory and specify the **CDS\_Replicas** attribute to determine the name and location of the clearinghouse that stores the master replica. Reenter your original command and specify that clearinghouse.

**0x10d0a3f5 CDS\_NOTSUPPORTED**

**Severity:** Varies      **Component:** cds

**Text:** Requested function not supported by this version of architecture.

**Explanation:** The operation being tried cannot be done because the functionality is not supported.

**Action:** Version mismatch. Either the server or client software must be upgraded.

**0x10d0a408 CDS\_OLDSKULK**

**Severity:** Varies      **Component:** cds

**Text:** Skulk in progress terminated; superseded by more recent skulk.

**Explanation:** A skulk in progress contacted a replica and found that the replica was modified by a more recent skulk. The skulk in progress terminates.

**Action:** None required.

**0x10d0a003 CDS\_PENDING**

**Severity:** Varies      **Component:** cds

**Text:** Operation in progress.

**Explanation:** This status is placed in the control block while the associated request is being acted upon by the cds clerk.

**Action:** The request is in progress. If you wish to terminate it, kill the thread which is blocked waiting for the request to complete.

**0x10d0a3fe CDS\_POSSIBLECYCLE**

**Severity:** Varies      **Component:** cds

**Text:** Possible cycle in soft links detected

**Explanation:** While traversing soft links, the cds clerk has encountered the same entry twice.

**Action:** Use the **show link** command to view the **CDS\_LinkTarget** attribute of each soft link in the chain. When the target value is the same as a softlink you have already seen, use the **set link** command to change the value.

**0x10d0a458 CDS\_PREFERRED\_EXISTS**

**Severity:** Varies      **Component:** cds

**Text:** You cannot supersede a primary cell alias with a normal cell alias of the same name.

**Explanation:** See text?

**Action:** Either choose an alias different from the primary alias, or change the primary alias for the cell

**0x10d0a972 CDS\_PROPAGATE\_FAIL**

**Severity:** Varies      **Component:** cds

**Text:** For high convergence Tue Oct 16 09:43:06 1990

**Explanation:** Background propagation failed.

**Action:** Look for reasons in the serviceability log.

**0x10d0a45b CDS\_REM\_NOT\_SAFE**

**Severity:** Varies      **Component:** cds

**Text:** You cannot remove an alias until the primary alias is considered 'safe'.

**Explanation:** CDS must be certain that the primary alias of a cell is known to all clearinghouses in the cell before it can accept remove transactions to the alias list. This assures that all CDS servers in the cell will operate in a consistent manner.

**Action:** Try skulking the cell root directory. It must complete successfully for the remove command to complete.

**0x10d0a7d1 CDS\_RESOURCEERROR**

**Severity:** Varies      **Component:** cds

**Text:** Insufficient resources to process request

**Explanation:** This error is returned when memory is not available to complete an operation.

**Action:** Check the system swap space.

**0x10d0a452 CDS\_ROOTLOST**

**Severity:** Varies      **Component:** cds

**Text:** Requested operation would result in lost connectivity to root directory

**Explanation:** You entered a command requesting an operation that would have resulted in a loss of connectivity with the root of the namespace. CDS cannot process your request.

**Action:** None required.

**0x10d0aba3 cds\_s\_aclfail**

**Severity:** Warning      **Component:** cds/cds\_svc\_general

**Text:** Unable to create default acl: status = %ld.

**Explanation:** Failed to get host and cell information to initialize acl.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0aba0 cds\_s\_aclinit**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Can't initialize GENERAL management ACL.

**Explanation:** An error has occurred while trying to do the initialization.

**Action:** See serviceability log for a description of the function which failed.

**0x10d0aba2 cds\_s\_aclwrite**

**Severity:** Warning      **Component:** cds/cds\_svc\_general

**Text:** Unable to save acl.

**Explanation:** An error occurred trying to create the default ACL.

**Action:** Ensure enough disk space exists for /opt/dcelocal/var/adm/directory/cds.

**0x10d0a154 cds\_s\_addcell\_cellinfo**

**Severity:** Varies      **Component:** cds

**Text:** Error trying to obtain cell information for X.500: status = %ld.

**Explanation:** The **X500\_addcell** utility could not read cell details from the directory. The status code indicates the reason.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a157 cds\_s\_addcell\_entryexists**

**Severity:** Varies      **Component:** cds

**Text:** Entry %s exists and has been modified in X.500

**Explanation:** The cell entry that **x500\_addcell** was attempting to write to the x500 directory already existed in that directory. The existing entry was overwritten.

**Action:** None required.

**0x10d0a156 cds\_s\_addcell\_nameobj**

**Severity:** Varies      **Component:** cds

**Text:** Failure converting name to X.500 object.

**Explanation:** Error occurred converting incoming X.500 name.

**Action:** Fix the cell name used in the request. Not valid.

**0x10d0a158 cds\_s\_addcell\_om**

**Severity:** Varies      **Component:** cds

**Text:** Object Manager %s call failed: status = %ld.

**Explanation:** A call to the specified function failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a159 cds\_s\_addcell\_success**

**Severity:** Varies      **Component:** cds

**Text:** Added entry %s to X.500

**Explanation:** The specified cell entry was successfully added to the X.500 directory.

**Action:** None required.

**0x10d0a155 cds\_s\_addcell\_workspace**

**Severity:** Varies      **Component:** cds

**Text:** Workspace initialization failed.

**Explanation:** Unable to initialize X.500 workspace.

**Action:** Ensure X.500 client and server are running.

**0x10d0a15b cds\_s\_addcell\_xds\_error**

**Severity:** Varies      **Component:** cds

**Text:** %s returned error : status = %ld

**Explanation:** An error occurred in the specified function.

**Action:** See the indicated status code for additional detail. The status code are documented in this manual.

**0x10d0a15c cds\_s\_addcell\_xds\_unknown**

**Severity:** Varies      **Component:** cds

**Text:** %s failed for unknown reason.

**Explanation:** The XOM or XDS call failed and the error could not be decoded.

**Action:** See the manual pages for the indicated function for additional detail.

**0x10d0a2c9 cds\_s\_adver\_aclfail**

**Severity:** Warning      **Component:** cds/cds\_svc\_adver

**Text:** Unable to create default acl: status = %ld.

**Explanation:** Failed to get host and cell information to initialize acl.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a2c5 cds\_s\_adver\_aclinit**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Can't initialize clerk management ACL.

**Explanation:** An error has occurred while trying to do the initialization.

**Action:** See serviceability log for a description of the function which failed.

**0x10d0a2c8 cds\_s\_adver\_aclwrite**

**Severity:** Warning      **Component:** cds/cds\_svc\_adver

**Text:** Unable to save acl: status = %ld.

**Explanation:** An error occurred trying to create the default ACL.

**Action:** Ensure enough disk space exists for /opt/dcelocal/var/adm/directory/cds.

**0x10d0a2c4 cds\_s\_adver\_badadver**

**Severity:** Warning      **Component:** cds/cds\_svc\_adver

**Text:** Bad CDS Advertisement received

**Explanation:** An invalid advertisement message was received. It will be ignored.

**Action:** Attempt to find the server send out the bad messages.

**0x10d0a2bf cds\_s\_adver\_bind**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Routine bind(2) failed on childsocket '%s' : errno = %ld.

**Explanation:** Unable to bind to the socket which allows communication between the advertiser & it's child.

**Action:** See the bind(2) and errno man page.

**0x10d0a2bd cds\_s\_adver\_cache\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_adver

**Text:** Can't initialize shared memory cache.

**Explanation:** An attempt to load the cache has returned an error.

**Action:** See the servicability log for more errors related to the cache.

**0x10d0a2c6 cds\_s\_adver\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_adver

**Text:** The advertiser is exiting due to an unexpected event.

**Explanation:** Received an error return and cannot recover.

**Action:** Check the servicability log for further error messages.

**0x10d0a2c3 cds\_s\_adver\_eg**

**Severity:** Notice      **Component:** cds/cds\_svc\_child

**Text:** Normal Successful exit due to expected signal.

**Explanation:** The advertiser has successfully exited.

**Action:** None required.

**0x10d0a2c2 cds\_s\_adver\_execve**

**Severity:** Fatal      **Component:** cds/cds\_svc\_adver

**Text:** Unable to start execution of the child: errno = %ld.

**Explanation:** Unable to start execution of the child - This causes the advertiser to exit .

**Action:** See the `execve(2)` and `errno` man page.

**0x10d0a2c1 cds\_s\_adver\_fork**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Unable to fork clerk process: `errno = %ld`.

**Explanation:** Unable to fork to create the child process

**Action:** See the `fork(2)` and `errno` man page.

**0x10d0a2cb cds\_s\_adver\_groupfail**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Unable to create default acl. Can't get group uuid. `status = %ld`.

**Explanation:** Failed to get host uuid to initialize acl.

**Action:** See the indicated `sec_rgy` status code for additional detail. The status codes are documented in this manual.

**0x10d0a2ca cds\_s\_adver\_hostfail**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Unable to create default acl: Can't get host uuid. `status = %ld`.

**Explanation:** Failed to get host uuid to initialize acl.

**Action:** See the indicated `sec_rgy` status code for additional detail. The status codes are documented in this manual.

**0x10d0a2c0 cds\_s\_adver\_listen**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Routine `listen(2)` failed on `childsocket '%s'` : `errno = %ld`.

**Explanation:** Unable to listen on the socket which allows communication between the advertiser & it's child.

**Action:** See the `listen(2)` and `errno` man page.

**0x10d0a2cd cds\_s\_adver\_mkfifo**

**Severity:** Error      **Component:** cds/cds\_svc\_adver



**Text:** Routine mkfifo(2) failed on child fifo '%s' : errno = %ld.

**Explanation:** Unable to create fifo which allows communication between the advertiser & it's child.

**Action:** See the mkfifo(2) and errno man page.

**0x10d0a2c7 cds\_s\_adver\_noacl**

**Severity:** Notice      **Component:** cds/cds\_svc\_adver

**Text:** No acl file existed - Creating a default ACL

**Explanation:** No ACL file existed -> creates an ACL and writes it out.

**Action:** None required.

**0x10d0a2ce cds\_s\_adver\_open**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Routine open(2) failed on child fifo '%s' : errno = %ld.

**Explanation:** Unable to open fifo which allows communication between the advertiser & it's child.

**Action:** See the open(2) and errno man page.

**0x10d0a2cf cds\_s\_adver\_routing**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Unable to set message routing for clerk command line argument : status = %ld.

**Explanation:** A call to **dce\_svc\_routing** failed when starting a new clerk. This is not a fatal error however future debugging information from the clerk process may not be complete.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a2be cds\_s\_adver\_socket**

**Severity:** Error      **Component:** cds/cds\_svc\_adver

**Text:** Routine socket(2) failed to create child socket : errno = %ld

**Explanation:** Unable to create the socket which allows communication between the advertiser & it's child.

**Action:** See the socket(2) and errno man page.

**0x10d0a2cc cds\_s\_adver\_startup**

**Severity:** Notice      **Component:** cds/cds\_svc\_adver

**Text:** CDS Advertiser Starting.

**Explanation:** Displayed to show the user that the advertiser is starting -> time/date information of the start-up can be gained from the preamble of this message that the SVC code adds to this text.

**Action:** None required.

**0x10d0ab5b cds\_s\_alloc**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Unable to allocate more memory.

**Explanation:** A call to the function to allocate dynamic memory failed.

**Action:** The process is running out of virtual memory. Increase your sway space.

**0x10d0ab5c cds\_s\_alloc\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Unable to allocate more memory.

**Explanation:** A call to the function to allocate dynamic memory failed.

**Action:** The process is running out of virtual memory. Increase your swap space.

**0x10d0ab98 cds\_s\_bad\_acl\_init\_obj**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** dce\_acl\_obj\_init returned status %ld : %s

**Explanation:** A call to dce\_acl\_obj\_init has failed.

**Action:** Restart cds

**0x10d0ab9b cds\_s\_bad\_add\_any\_acl**

**Severity:** Error      **Component:** cds/cds\_svc\_general  
**Text:** dce\_acl\_obj\_add\_any\_other\_entry returned status %ld : %s  
**Explanation:** A call to dce\_acl\_obj\_add\_any\_other\_entry has failed.  
**Action:** Restart cds

**0x10d0ab9a cds\_s\_bad\_add\_group\_acl**

**Severity:** Error      **Component:** cds/cds\_svc\_general  
**Text:** dce\_acl\_obj\_add\_group\_entry returned status %ld : %s  
**Explanation:** A call to dce\_acl\_add\_group\_entry has failed.  
**Action:** Restart cds

**0x10d0ab9c cds\_s\_bad\_add\_unauth\_acl**

**Severity:** Error      **Component:** cds/cds\_svc\_general  
**Text:** dce\_acl\_obj\_add\_unauth\_entry returned status %ld : %s  
**Explanation:** A call to dce\_acl\_obj\_add\_unauth\_entry has failed.  
**Action:** Restart cds

**0x10d0ab99 cds\_s\_bad\_add\_user\_acl**

**Severity:** Error      **Component:** cds/cds\_svc\_general  
**Text:** dce\_acl\_obj\_add\_user\_entry returned status %ld : %s  
**Explanation:** A call to dce\_acl\_obj\_add\_user\_entry has failed.  
**Action:** Restart cds

**0x10d0ab97 cds\_s\_bad\_register\_obj**

**Severity:** Error      **Component:** cds/cds\_svc\_general  
**Text:** dce\_acl\_register\_object\_type returned status %ld : %s  
**Explanation:** A call to the function dce\_acl\_register\_object\_type has failed.  
**Action:** Restart cds

**0x10d0ab96 cds\_s\_bad\_rpc\_alloc**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** rpc\_sm\_enable\_alloc returned status %ld : %s

**Explanation:** A call to the system function rpc\_sm\_enable\_alloc has failed.

**Action:** See the rpc\_sm\_enable\_alloc manual page for further details

**0x10d0a076 cds\_s\_cache\_badcacheheader**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Bad header size in cache file %s

**Explanation:** Routine **read(2)** returned a value less than the number of bytes required. A new cache will be created.

**Action:** Ensure free disk space is sufficient so the cache can be reused the next time DCE is started.

**0x10d0a06a cds\_s\_cache\_badheaderid**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** Bad data in shmid file %s, data: %s

**Explanation:** While attempting to verify the contents of the **shmid** file, an error occurred. A new shared memory segment will be created.

**Action:** None required.

**0x10d0a073 cds\_s\_cache\_badversion**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Bad data in cache version file %s.

**Explanation:** The version file is smaller than expected. A new cache will be created.

**Action:** Ensure the directory is accessible so the cache can be reused the next time DCE is started.

**0x10d0a080 cds\_s\_cache\_blink\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Cache header corrupt: Bad cache header backward link.

**Explanation:** The backward link of the cache header does not point to the correct place.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a078 cds\_s\_cache\_cachesize**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** Cache size of %d is incorrect - deleting cache files

**Explanation:** Cache size returned by CA\_SysSize differs from ca\_size field of cache. A new cache will be created.

**Action:** None required.

**0x10d0a089 cds\_s\_cache\_carefs\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Could not insert element into LRU list, element already on LRU list.

**Explanation:** call to CA\_refs showed that the element was already on LRU.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a083 cds\_s\_cache\_clock\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Could not allocate space in client cache, expected lock is not held.

**Explanation:** The cache caller did not hold a write lock on the client cache.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a07a cds\_s\_cache\_createcache**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Error opening cache version file %s for write: status = %ld.

**Explanation:** Routine **open(2)** failed while trying to create cache file.

**Action:** Ensure that a writable file can be created in the specified location, see error status for further information.

**0x10d0a067 cds\_s\_cache\_createshmid**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** Routine **open(2)** failed for shmid file %s with status %ld.

**Explanation:** While attempting to create the **shmid** file, an error occurred. The **shmid** file was not created. A new memory segment will be created.

**Action:** Ensure that the specified directory exists and is writable.

**0x10d0a071 cds\_s\_cache\_createversion**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Error opening cache version file %s for write: status = %ld.

**Explanation:** Routine **open(2)** failed while trying to create cache version file.

**Action:** Ensure that a writable file can be created in the specified location, see error status for further information.

**0x10d0a06c cds\_s\_cache\_creatormapped**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** shmid(%d) creator process pid(%d) is still active.

**Explanation:** An old advertiser process has been terminated and shared memory has been marked for delete.

**Action:** None required.

**0x10d0a07f cds\_s\_cache\_flink\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Cache header corrupt: Bad cache header forward link.

**Explanation:** The forward link of the cache header does not point to the correct place.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a084 cds\_s\_cache\_glock\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Could not allocate space in global cache, expected lock is not held.

**Explanation:** The cache caller did not hold a write lock on the global cache.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a07c cds\_s\_cache\_header\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Cache header corrupt: Bad cache header address.

**Explanation:** Offset of cache header address is not valid.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a086 cds\_s\_cache\_inlist\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Could not into a linked list, already in list.

**Explanation:** An element has a forward or backward link which is not null.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a06b cds\_s\_cache\_inuse**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** Cannot access memory data, shmid(%d) has %d users.

**Explanation:** The shared memory segment still has users mapped to it. It will be marked for delete.

**Action:** None required.

**0x10d0a07e cds\_s\_cache\_inuse\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Cache header corrupt: Bad cache header in use flag.

**Explanation:** The cache header 'inuse' field contains a value other than 1 or 0.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a08a cds\_s\_cache\_islocked\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Failed to obtain lock, semaphore operation structure already locked

**Explanation:** could not carry out semaphore operation to obtain a lock on the cache because the sem\_op field of the semaphore operation structure was set to CA\_SEM\_LOCKED.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a085 cds\_s\_cache\_llock\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Could not insert cache header into freelist, expected lock is not held.

**Explanation:** The cache caller did not hold a lock on the freelist.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a08b cds\_s\_cache\_nolocked\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Failed to release lock, semaphore operation structure not locked

**Explanation:** could not carry out semaphore operation to release lock on the cache because the sem\_op field of the semaphore operation structure was not set to CA\_SEM\_LOCKED.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a087 cds\_s\_cache\_notinlist\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Could not remove element from freelist, element is not in list,



**Explanation:** The cache header forward or backward link is null.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a088 cds\_s\_cache\_notinuse\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Could not move cache block onto freelist, cache header is not in use.

**Explanation:** The 'inuse' field of the cache header is set to 0

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a077 cds\_s\_cache\_oldversion**

**Severity:** Notice      **Component:** cds/cds\_svc\_cache

**Text:** Cache version is not current, deleting cache files.

**Explanation:** Software has been upgraded and the existing cache files are no longer usable. The cache files will be deleted and a new cache created.

**Action:** None required.

**0x10d0a074 cds\_s\_cache\_opencache**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Error opening cache file %s for read: status = %ld.

**Explanation:** Routine **open(2)** failed. A new cache will be created.

**Action:** Ensure the directory is accessible so the cache can be reused the next time DCE is started.

**0x10d0a068 cds\_s\_cache\_openshmid**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** Routine **open(2)** failed for shmid file %s with status %ld.

**Explanation:** While attempting to open an existing **shmid** file, an error occurred. A new shared memory segment will be created.

**Action:** Ensure that the file is not locked by another user.

**0x10d0a07d cds\_s\_cache\_pattern\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Cache header corrupt: Bad cache header pattern.

**Explanation:** Cache header pattern is different from the expected value.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a075 cds\_s\_cache\_readcache**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Error reading cache file %s: status = %ld.

**Explanation:** Routine **read(2)** returned an error status. A new cache will be created.

**Action:** Ensure the directory is accessible so the cache can be reused the next time DCE is started.

**0x10d0a069 cds\_s\_cache\_readshmid**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** Routine **read(2)** failed for shmid file %s with status %ld.

**Explanation:** While attempting to read an existing **shmid** file, an error occurred. A new shared memory segment will be created.

**Action:** Ensure that the specified file exists and is readable.

**0x10d0a072 cds\_s\_cache\_readversion**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Error reading cache version file %s: status = %ld.

**Explanation:** Routine **read(2)** returned a error status. A new cache will be created.

**Action:** Ensure the directory is accessible so the cache can be reused the next time DCE is started.

**0x10d0a06f cds\_s\_cache\_reuseid**

**Severity:** Notice      **Component:** cds/cds\_svc\_cache

**Text:** shmid(%d) reassigned to another process.

**Explanation:** Another process has the shared memory id, possibly as a result of the system being rebooted. A new shared memory id will be allocated.

**Action:** None required.

**0x10d0a06e cds\_s\_cache\_rmid**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** shm<sub>id</sub>(%d) removed.

**Explanation:** The shared memory identifier has been removed because it has an unexpected shm\_natch value. The advertiser terminated unexpectedly prior to terminating clerk processes.

**Action:** None required.

**0x10d0a064 cds\_s\_cache\_semop**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Routine **semop(2)** failed: %s.

**Explanation:** The **semop(2)** routine returned a system errno value other than EINTR.

**Action:** See the **semop(2)** manual page for further details about the semaphore operation error. Delete the cache and restart the advertiser.

**0x10d0a070 cds\_s\_cache\_shmidremove**

**Severity:** Notice      **Component:** cds/cds\_svc\_cache

**Text:** shm<sub>id</sub> file %s unlinked.

**Explanation:** Removed the shared memory id file before trying to write to it again.

**Action:** None required.

**0x10d0a07b cds\_s\_cache\_snapshot\_file**

**Severity:** Notice      **Component:** cds/cds\_svc\_cache

**Text:** Cache snapshot has been written to file %s.

**Explanation:** Cache corruption has been detected, and the flawed cache has been checkpointed.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a065 cds\_s\_cache\_toosmall**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Could not initialize cache: Cache size is too small to continue.

**Explanation:** The cache was too small to initialize.

**Action:** Increase the maximum shared memory size configured in the system.

**0x10d0a081 cds\_s\_cache\_type\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Cache header corrupt: Bad cache header type.

**Explanation:** The type field of the cache header contains a value that does not correspond to a known type.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a06d cds\_s\_cache\_usermapped**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** shm%d creator process died, clerk processes may still be active

**Explanation:** An old shared memory segment is being marked for delete. Old clerk processes are still mapped to it. The original advertiser has terminated unexpectedly.

**Action:** None required.

**0x10d0a082 cds\_s\_cache\_version\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_cache

**Text:** Cache corrupt: Bad cache version number or name.

**Explanation:** The cache contains an unexpected value for the ca\_version (major version or minor version), or the ca\_id field.

**Action:** Have a DCE support person examine the file. Delete the cache and restart the advertiser.

**0x10d0a079 cds\_s\_cache\_writecache**

**Severity:** Error      **Component:** cds/cds\_svc\_cache

**Text:** Deleting cache file %s due to write errors. Failed to write remaining %d bytes.  
status: %s

**Explanation:** Routine **write(2)** failed while writing cache to disk. Cache has been deleted.

**Action:** Ensure that a writable file can be created in the specified location, check that sufficient free disk space exists, see error status for further information.

**0x10d0a066 cds\_s\_cache\_writeshmid**

**Severity:** Warning      **Component:** cds/cds\_svc\_cache

**Text:** Routine **write(2)** failed for shmid file %s with status %ld.

**Explanation:** While attempting to execute a **write(2)** routine, there was an error. The memory id was not written to the **shmid** file, nor was the time indicating the last change to the memory segment. A new memory segment will be created.

**Action:** Ensure that directory is writable.

**0x10d0ab54 cds\_s\_cfgetcellname**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **dce\_cf\_get\_cell\_name** failed : status = %ld.

**Explanation:** A call to **dce\_cf\_get\_cell\_name** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab55 cds\_s\_cfgethostname**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **dce\_cf\_get\_host\_name** failed : status = %ld.

**Explanation:** A call to **dce\_cf\_get\_host\_name** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab56 cds\_s\_cfprinnamefromhost**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **dce\_cf\_prin\_name\_from\_host** failed : status = %ld.

**Explanation:** A call to **dce\_cf\_prin\_name\_from\_host** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a1f5 cds\_s\_child\_badshmem\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_child

**Text:** Shared memory id (%d) invalid : status = %ld.

**Explanation:** The share memory id of the cache (passed to the cdsclerk when it is started) was invalid.

**Action:** Stop the advertister, remove the shared memory section and restart the advertiser.

**0x10d0a1f6 cds\_s\_child\_cacheload\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_child

**Text:** Exiting because of error loading the cache.

**Explanation:** An error ocured loading the cache. The reason for the failure has be logged as a cache error.

**Action:** Correct the problem described in the error log.

**0x10d0a1fa cds\_s\_child\_exiting\_eg**

**Severity:** Notice      **Component:** cds/cds\_svc\_child

**Text:** Normal Succesfull Exit

**Explanation:** The cdsclerk has successfully completed & is about to exit.

**Action:** None required.

**0x10d0a1f8 cds\_s\_child\_nocommunication**

**Severity:** Notice      **Component:** cds/cds\_svc\_child

**Text:** Communication failed to %s. Status = %ld.

**Explanation:** The clerk is unable to communicate with the server. The server is not available.

**Action:** Re-start the server for the specified clearinghouse.

**0x10d0a1f7 cds\_s\_child\_noshmem\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_child

**Text:** Shared memory id is required.

**Explanation:** No cache shared memory id was passed to the cdsclerk when it was started.

**Action:** Stop the advertiser, remove the shared memory section and restart the advertiser.

**0x10d0a1f4 cds\_s\_child\_servernotmember**

**Severity:** Warning      **Component:** cds/cds\_svc\_child

**Text:** CDS server principal %s is not a member of group %s.

**Explanation:** The server the clerk tried to contact was not a member of the group of valid cds server principals.

**Action:** Ensure the server is a valid nameserver and add the principal name to the register group specified.

**0x10d0a1fc cds\_s\_child\_signal\_eg**

**Severity:** Notice      **Component:** cds/cds\_svc\_child

**Text:** Exit due to signal number %d request

**Explanation:** The child has been instructed to exit by receiving the signal request. For example, the cdsadv (Advertiser) uses signal number 15 (SIGTERM) to terminate the child on occasions.

**Action:** None required.

**0x10d0a1fb cds\_s\_child\_sigwait\_eb**

**Severity:** Error      **Component:** cds/cds\_svc\_child

**Text:** Exit due to signal. sigwait(2) returned system error: %ld.

**Explanation:** Due to a system error, the child has been instructed to exit. The text parameter to this message should give some indication as to why.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a1fd cds\_s\_child\_starting**

**Severity:** Notice      **Component:** cds/cds\_svc\_child

**Text:** CDS Clerk Starting.

**Explanation:** Displayed to show the user that the clerk is starting -> time/date information of the start-up can be gained from the preamble of this message that the SVC code adds to this text.

**Action:** None required.

**0x10d0aa8c cds\_s\_dbcmp\_1\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed line %d file %s: Unable to compress level-1 data.

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa8f cds\_s\_dbcmp\_levelbad\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed at line %d file %s: Unknown level for the compression context buffer

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa8d cds\_s\_dbcmp\_nonnullptr\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed line %d file %s: Last node of level-1 work bucket flushed to disk was non null

**Explanation:** A fatal error was detected by the database compression mechanism.



**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa92 cds\_s\_dbcmp\_nulltxend\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed at line %d file %s: (End) Compression context buffer pointer is null

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa93 cds\_s\_dbcmp\_nulltxfinish\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed at line %d file %s: (Finish) Compression context buffer pointer is null

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa90 cds\_s\_dbcmp\_nulltxstart\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed at line %d file %s: (Start) Compression context buffer pointer is null

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa91 cds\_s\_dbcmp\_nulltxwrite\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed at line %d file %s: (Write) Compression context buffer pointer is null

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa8e cds\_s\_dbcmp\_nullfp\_a**

**Severity:** Fatal           **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed at line %d file %s: Null file pointer.

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa8b cds\_s\_dbcmp\_toobig\_a**

**Severity:** Fatal           **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed line %d file %s: Unable to return free space to bucket

**Explanation:** A fatal error was detected by the database compression mechanism.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0aa8a cds\_s\_dbcmp\_treenotnull\_a**

**Severity:** Fatal           **Component:** cds/cds\_svc\_server

**Text:** Assertion check failed at line %d file %s: B-tree is non null

**Explanation:** A fatal error was detected while trying to remove a record from the database.

**Action:** Restart the server and report this problem to your DCE supplier.

**0x10d0ab59 cds\_s\_debug\_routing\_eb**

**Severity:** Error           **Component:** cds/cds\_svc\_general

**Text:** Unable to set debug routing levels from command line argument : status = %ld.

**Explanation:** A call to **dce\_svc\_debug\_routing** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab58 cds\_s\_define\_table**

**Severity:** Warning       **Component:** cds/cds\_svc\_general

**Text:** Unable to setup the in-core message table : status = %ld.

**Explanation:** A call to **dce\_msg\_define\_msg\_table** failed

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0aaae cds\_s\_delegdirversion**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** For delegation support, the CDS\_DirectoryVersion attribute is required to be 4.0 or greater.

**Explanation:** Directory version does not support ACL entries with delegation.

**Action:** See the documentation on how to upgrade the directory version of a directory.

**0x10d0ab9f cds\_s\_export\_thread**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Unable to start export thread. dthread\_create returns : %s

**Explanation:** A call to dthread\_create has failed.

**Action:** See preceding errors logged by library for more detailed information.

**0x10d0aab0 cds\_s\_finddir**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Error loading clearinghouse from disk. Cannot find a directory that's in the chdirs attribute, %s.

**Explanation:** Cannot load directory

**Action:** Check for database corruption.

**0x10d0a14e cds\_s\_gda\_acl\_file**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Failed to initialize the Global Directory Agent ACL from file %s

**Explanation:** An error occurred trying to initialize the gdad management ACL and it's mutex. The gdad exits once this message has been displayed.

**Action:** Check to see if the indicated file is writable by root. If the file does not exist, ensure there is enough disk space to create the file.

**0x10d0a14f cds\_s\_gda\_acl\_init**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Failed to initialize the Global Directory Agent ACL : status = %ld

**Explanation:** An error occurred trying to initialize the gdad management ACL and its mutex. The gdad exits once this message has been displayed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a131 cds\_s\_gda\_badchuid**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Failed converting clearinghouse uuid from global directory : status = %ld.

**Explanation:** A call to the function **uuid\_from\_string(3rpc)** has failed.

**Action:** The clearinghouse uuid stored in either **BIND** or **X500** database is in an incorrect format. Correct it and retry the request.

**0x10d0a130 cds\_s\_gda\_badnsuuid**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Failed converting namespace uuid from global directory : status = %ld.

**Explanation:** A call to the function **uuid\_from\_string(3rpc)** has failed.

**Action:** The namespace uuid stored in either **BIND** or **X500** database is in an incorrect format. Correct it and retry the request.

**0x10d0a13a cds\_s\_gda\_badreplicatype**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Replica type in global directory is neither a Master nor Readonly

**Explanation:** The replica type in the global directory is incorrect.

**Action:** Use your global directory administration utilities to correct the entry.

**0x10d0a13b cds\_s\_gda\_badtower**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Invalid tower specification global directory.

**Explanation:** An error occurred while trying to convert the string binding read from the global directory into protocol tower specification.

**Action:** Use your global directory administration utilities to correct the entry.

**0x10d0a13e cds\_s\_gda\_bind\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Routine **bind(2)** failed on %s: status = %ld.

**Explanation:** A call to the system function **bind(2)** failed.

**Action:** See the **bind(2)** manual page for further details.

**0x10d0a145 cds\_s\_gda\_class**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: class syntax error.

**Explanation:** An invalid class value was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a132 cds\_s\_gda\_connect**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Routine **connect(2)** failed : status = %ld.

**Explanation:** A call to the system function **connect(2)** has failed.

**Action:** See the **connect(2)** manual page for further details.

**0x10d0a147 cds\_s\_gda\_data**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: data syntax error.

**Explanation:** An invalid data value was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a143 cds\_s\_gda\_dname**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: DNAME syntax error.

**Explanation:** An invalid DNAME line was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a12e cds\_s\_gda\_eb**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** An unrecoverable error occurred in Global Directory Agent.

**Explanation:** Unable to continue processing.

**Action:** Refer to serviceability log for more details on the specific error.

**0x10d0a12f cds\_s\_gda\_eg**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Global Directory Agent exiting.

**Explanation:** Shutting down Global Directory Agent.

**Action:** None required.

**0x10d0a14d cds\_s\_gda\_export**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Failed to export bindings to %s :status = %ld

**Explanation:** An attempt to export the **servicability** interface to the namespace failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a141 cds\_s\_gda\_include**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: INCLUDE syntax not supported.

**Explanation:** An INCLUDE line was found in named.ca. This is not supported by the gda and will be ignored.

**Action:** None required.

**0x10d0a14c cds\_s\_gda\_initrpc\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Unable to initialize the RPC interface.

**Explanation:** An error occurred trying to initialize the RPC interface.

**Action:** See the serviceability log for more information. The gda will exit.

**0x10d0a14b cds\_s\_gda\_initsec\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Can't perform security initialization.

**Explanation:** An error occurred while trying to initialize Global Directory Agents security parameters.

**Action:** Refer to the servicability logs for more detail on the specifics of this error.

**0x10d0a14a cds\_s\_gda\_inorder**

**Severity:** Warning      **Component:** cds/cds\_svc\_gda

**Text:** An internal list is out of order. Thread will exit.

**Explanation:** Unable to add entries to internal list.

**Action:** None required.

**0x10d0a140 cds\_s\_gda\_list\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Corruption detection on internal lists.

**Explanation:** The internal queues are corrupt. Program will abort.

**Action:** Save the core file and contact your DCE software supplier.

**0x10d0a138 cds\_s\_gda\_nodns**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Bind lookups disabled.

**Explanation:** The Global Directory Agent has received a request with a BIND name. Bind lookups were disabled when the GDA was started.

**Action:** Restart the GDA without the -b switch.

**0x10d0a137 cds\_s\_gda\_nox500**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** X.500 lookups disabled.

**Explanation:** The Global Directory Agent has received a request with an X.500 name. X.500 lookups were disabled when the GDA was started.

**Action:** Restart the GDA without the -x switch.

**0x10d0a148 cds\_s\_gda\_option**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: Unknown \$ option: %s.

**Explanation:** An invalid \$ option was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a142 cds\_s\_gda\_origin**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: ORIGIN syntax error.

**Explanation:** An invalid ORIGIN line was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a135 cds\_s\_gda\_read**

**Severity:** Warning      **Component:** cds/cds\_svc\_gda

**Text:** Routine **read(2)** failed : status = %ld.

**Explanation:** A call to the system function **read(2)** has failed.

**Action:** See the **read(2)** manual page for further details.

**0x10d0a13f cds\_s\_gda\_recvfrom\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Routine **recvfrom(2)** failed : status = %ld.



**Explanation:** A call to the system function **recvfrom(2)** failed.

**Action:** See the **recvfrom(2)** manual page for further details.

**0x10d0a136 cds\_s\_gda\_sendto**

**Severity:** Warning      **Component:** cds/cds\_svc\_gda

**Text:** Routine **sendto(2)** failed : status = %ld.

**Explanation:** A call to the system function **sendto(2)** has failed.

**Action:** See the **sendto(2)** manual page for further details.

**0x10d0a13d cds\_s\_gda\_socket**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Routine **socket(2)** failed : status = %ld.

**Explanation:** A call to the system function **socket(2)** failed.

**Action:** See the **socket(2)** manual page for further details.

**0x10d0a12c cds\_s\_gda\_startup**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** CDS GDA Starting.

**Explanation:** Displayed when the Global Directory Agent starts running. Gives the start time and date for future reference in the preamble to this message.

**Action:** None required.

**0x10d0a144 cds\_s\_gda\_ttl**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: ttl syntax error.

**Explanation:** An invalid ttl value was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a146 cds\_s\_gda\_type**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: type syntax error.

**Explanation:** An invalid type value was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a149 cds\_s\_gda\_unsupporteddata**

**Severity:** Notice      **Component:** cds/cds\_svc\_gda

**Text:** Line %d of named.ca: unsupported data type.

**Explanation:** An unsupported data type was found in named.ca. The line will be ignored.

**Action:** Manually fix the entry. Restart the GDA for the change to take effect.

**0x10d0a139 cds\_s\_gda\_updatepp**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Can't initialise parent pointer : status = %ld

**Explanation:** A test to ensure the **GDA\_Pointers** attribute of the cell root directory is correct has failed. The GDA will exit.

**Action:** Ensure the CDS servers are running and that the GDA has write permission to the root directory. Restart the GDA.

**0x10d0a13c cds\_s\_gda\_uuidfile\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_gda

**Text:** Can't access gda\_id file %s : status = %s.

**Explanation:** An error has occurred trying to read an existing GDA uuid from the specified file. The GDA will exit when this message appears.

**Action:** Check that the file is readable and contains a valid UUID.

**0x10d0a134 cds\_s\_gda\_write**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Routine **write(2)** failed : status = %ld.

**Explanation:** A call to the system function **write(2)** has failed.

**Action:** See the **write(2)** manual page for further details.

**0x10d0a133 cds\_s\_gda\_writev**

**Severity:** Error      **Component:** cds/cds\_svc\_gda

**Text:** Routine **writev(2)** failed : status = %ld.

**Explanation:** A call to the system function **writev(2)** has failed.

**Action:** See the **writev(2)** manual page for further details.

**0x10d0afdf cds\_s\_gdb\_begin\_xtn**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Unable to begin transaction on server database. Status = %ld.

**Explanation:** Message occurs if server is unable to begin a transaction. Indicates programming error, most likely.

**Action:** Restart server.

**0x10d0afdb cds\_s\_gdb\_changedirstore**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Temporary internal database became corrupt. Shutting down server to preserve permanent database. Status = %ld

**Explanation:** Temporary internal database became corrupt. Shutting down server to preserve permanent database.

**Action:** Restart server. Only in-memory data was bad, so shouldn't see any problem after restart

**0x10d0afe0 cds\_s\_gdb\_commit\_xtn**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Unable to commit transaction on server database. Status = %ld.

**Explanation:** Message occurs if server is unable to commit a transaction. Indicates programming error, most likely.

**Action:** Restart server.

**0x10d0afd9 cds\_s\_gdb\_corrupt\_db**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Corrupt database. No root dir or multiple root dirs

**Explanation:** Corrupt database. No root dir or multiple root dirs

**Action:** Check for database corruption.

**0x10d0afda cds\_s\_gdb\_corrupt\_db\_ch**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Corrupt database. Bad clearinghouse entry. Status = %ld.

**Explanation:** Corrupt database. Bad clearinghouse entry

**Action:** Check for database corruption. Restart the server.

**0x10d0afdc cds\_s\_gdb\_corrupt\_dirstore**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Internal directory store became corrupt. Exiting server to preserve permanent database. Status = %ld

**Explanation:** Internal directory store became corrupt. Shutting down server to preserve permanent database.

**Action:** Restart server. Only in-memory data was bad, so shouldn't see any problem after restart

**0x10d0afde cds\_s\_gdb\_open\_dirstore**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Unable to open in-memory database. Status = %ld.

**Explanation:** Server is unable to open a temporary in-memory database for the directory store

**Action:** Check protection of tmp directory on disk.

**0x10d0afdd cds\_s\_gdb\_open\_namespace**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Unable to open namespace database. Status = %ld.

**Explanation:** Message occurs if server is unable to open the database for the namespace

**Action:** Check protection of namespace files on disk.

**0x10d0afe1 cds\_s\_gdb\_rollback\_xtn**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Unable to rollback transaction on server database. Status = %ld.

**Explanation:** Message occurs if server is unable to rollback a transaction. Indicates programming error, most likely.

**Action:** Restart server.

**0x10d0aba5 cds\_s\_groupfail**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Unable to create default acl. Can't get group uuid. status = %ld.

**Explanation:** Failed to get host uuid to initialize acl.

**Action:** See the indicated sec\_rgy status code for additional detail. The status codes are documented in this manual.

**0x10d0aba4 cds\_s\_hostfail**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Unable to create default acl: Can't get host uuid. status = %ld.

**Explanation:** Failed to get host uuid to initialize acl.

**Action:** See the indicated sec\_rgy status code for additional detail. The status codes are documented in this manual.

**0x10d0aab1 cds\_s\_insertdirstore**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Error loading clearinghouse from disk. Cannot create a directory that's in the chdirs attribute, %s.

**Explanation:** Cannot load directory that is found in chdirectories

**Action:** Check for database corruption.

**0x10d0a9c9 cds\_s\_library\_alreadyrunning**

**Severity:** Error      **Component:** cds/cds\_svc\_library

**Text:** Please verify that no other %s is active on this system.

**Explanation:** The server is already running on this host.

**Action:** Kill the other process with the same name and try again.

**0x10d0a9ca cds\_s\_library\_cd\_eg**

**Severity:** Fatal      **Component:** cds/cds\_svc\_library

**Text:** Can't change to directory %s/%s: errno = %ld.

**Explanation:** The daemon was unable to change to the directory specified using the chdir(2) system function

**Action:** See the chdir(2) manual page for further details.

**0x10d0a9cb cds\_s\_library\_cdsmalloc\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_library

**Text:** Memory fatal in instrumented allocation routines.

**Explanation:** Fatal error in internal memory allocation routines. The server will abort.

**Action:** Report this problem to your DCE provider.

**0x10d0a9c8 cds\_s\_library\_fork**

**Severity:** Error      **Component:** cds/cds\_svc\_library

**Text:** Unable to fork child process to execute server: fork(2) failed: errno = %ld.

**Explanation:** A call to the system function fork(2) failed.

**Action:** See the fork(2) manual page for further details.

**0x10d0a9cd cds\_s\_library\_forkself**

**Severity:** Error      **Component:** cds/cds\_svc\_library

**Text:** Routine fork(2) failed : errno = %ld.

**Explanation:** In trying to become a daemon, the fork(2) system function has returned an error

**Action:** See the fork(2) manual page for further details

**0x10d0a9c7 cds\_s\_library\_pipe**

**Severity:** Error      **Component:** cds/cds\_svc\_library

**Text:** Unable to establish parent/child pipe: pipe(2) failed: errno = %ld.

**Explanation:** A call to the system function pipe(2) failed.

**Action:** See the pipe(2) manual page for further details.

**0x10d0a9c5 cds\_s\_library\_refresh**

**Severity:** Error      **Component:** cds/cds\_svc\_library

**Text:** Failed to refresh server identity: status = %ld.

**Explanation:** Error trying to keep the servers identity current.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a9c6 cds\_s\_library\_refresh\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_library

**Text:** Failed to refresh server identity: status = %ld.

**Explanation:** Error trying to keep the servers identity current. The server will exit.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a9cc cds\_s\_library\_setsid**

**Severity:** Error      **Component:** cds/cds\_svc\_library

**Text:** Routine setsid(2) failed(%s) trying to set process group id

**Explanation:** A call to the system function setsid(2) has failed.

**Action:** See the setsid(2) manual page for further details.

**0x10d0a9c4 cds\_s\_library\_threads**

**Severity:** Warning      **Component:** cds/cds\_svc\_library

**Text:** Thread routine error (at line %d) : %ld.

**Explanation:** An error has occurred in one of the internal dthread wrapper routines. The caller will determine how to proceed. This should not be seen on a production system.

**Action:** None required.

**0x10d0a9cf cds\_s\_library\_threadbug**

**Severity:** Fatal      **Component:** cds/cds\_svc\_library

**Text:** Threads package has bugchecked.\nBugcheck code is ... %d\nThreads bug ref# ... %d\nErrno String..... %s\nCurrent thread ..... 0x%x\n

**Explanation:** The library packaged has bugchecked if this is seen. It gives information which may help in finding the cause.

**Action:** Contact your DCE software supplier.

**0x10d0aba1 cds\_s\_noacl**

**Severity:** Notice      **Component:** cds/cds\_svc\_general

**Text:** No acl file existed - Creating a default ACL

**Explanation:** No ACL file existed -> creates an ACL and writes it out.

**Action:** None required.

**0x10d0ab57 cds\_s\_nopriv\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** You must have system privileges to start this server.

**Explanation:** The user is not 'root'

**Action:** Re-login as user 'root'.

**0x10d0a96c CDS\_SOCKET**

**Severity:** Varies      **Component:** cds

**Text:** Error with socket

**Explanation:** The communications between the DCE library and the cds clerk child has failed. The connection is closed.

**Action:** If the problem persists, restart DCE.



**0x10d0ab9e cds\_s\_parse\_name**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** sec\_id\_parse\_name returned status %ld to general : %s

**Explanation:** A call to sec\_rgy\_site\_bind has failed.

**Action:** Refer to explanation for returned status from sec\_id\_parse\_name

**0x10d0aaaf cds\_s\_pseudo\_load**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Error loading clearinghouse from disk. Cannot create directory store. Status = %ld

**Explanation:** Cannot create directory store

**Action:** Check for database corruption.

**0x10d0ab7d cds\_s\_pthreadattrcreate**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine pthread\_attr\_create failed : status = %ld.

**Explanation:** A call to the function pthread\_attr\_create failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab7f cds\_s\_pthreadattrsetstacksize**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine pthread\_attr\_setstacksize failed : status %ld.

**Explanation:** A call to the function pthread\_attr\_setstacksize failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab89 cds\_s\_pthreadcondbroadcast**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine pthread\_cond\_broadcast(3) failed : status = %ld.

**Explanation:** A call to the system function **pthread\_cond\_broadcast(3)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab8a cds\_s\_pthreadcondbroadcast\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_broadcast(3)** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_cond\_broadcast(3)** has failed. Program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab8b cds\_s\_pthreadconddestroy**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_destroy** failed : status = %ld.

**Explanation:** A call to the function **pthread\_cond\_destroy** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab8c cds\_s\_pthreadconddestroy\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_destroy** failed : status = %ld.

**Explanation:** A call to the function **pthread\_cond\_destroy** failed. Program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab91 cds\_s\_pthreadcondinit**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_init** failed : status = %ld.

**Explanation:** A call to the function **pthread\_cond\_init** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab92 cds\_s\_pthreadcondinit\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_init** failed : status = %ld.

**Explanation:** A call to the function **pthread\_cond\_init** failed. The program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab93 cds\_s\_pthreadcondsignal**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_signal** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_cond\_signal** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab94 cds\_s\_pthreadcondsignal\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_signal** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_cond\_signal** failed. The program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab8d cds\_s\_pthreadcondtimedwait**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_timedwait** failed : status = %ld.

**Explanation:** A call to the function **pthread\_cond\_timedwait** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab8e cds\_s\_pthreadcondtimedwait\_a**

**Severity:** Fatal            **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_timedwait** failed : status = %ld.

**Explanation:** A call to the function **pthread\_cond\_timedwait** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab8f cds\_s\_pthreadcondwait**

**Severity:** Fatal            **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_wait** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_cond\_wait** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab90 cds\_s\_pthreadcondwait\_a**

**Severity:** Fatal            **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_cond\_wait** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_cond\_wait** failed. The program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab7a cds\_s\_pthreadcreate**

**Severity:** Fatal            **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_create** failed : status = %ld.

**Explanation:** A call to the function **pthread\_create** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab7b cds\_s\_pthreadcreate\_a**

**Severity:** Fatal            **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_create** failed : status = %ld.

**Explanation:** A call to the function **pthread\_create** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab95 cds\_s\_pthreaddelay\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_delay\_np** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_delay\_np** failed. The program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab7c cds\_s\_pthreadkeycreate**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_keycreate** failed : status = %ld.

**Explanation:** A call to the function **pthread\_keycreate** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab86 cds\_s\_pthreadmutexdestroy**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_destroy** failed : status = %ld.

**Explanation:** A call to the function **pthread\_mutex\_destroy** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab87 cds\_s\_pthreadmutexdestroy\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_destroy** failed : status = %ld.

**Explanation:** A call to the function **pthread\_mutex\_destroy** failed. Program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab80 cds\_s\_pthreadmutexinit**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_init** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_mutex\_init** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab81 cds\_s\_pthreadmutexinit\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_init** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_mutex\_init** failed. Program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab82 cds\_s\_pthreadmutexlock**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_lock** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_mutex\_lock** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab83 cds\_s\_pthreadmutexlock\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_lock** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_mutex\_lock** failed. The program will abort.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab88 cds\_s\_threadmutextrylock**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_trylock(3)** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_mutex\_trylock(3)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab84 cds\_s\_threadmutexunlock**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_unlock** failed : status = %ld.

**Explanation:** A call to the function **pthread\_mutex\_unlock** failed.

**Action:** See the indicated status code for additional detail. The status code are documented in this manual.

**0x10d0ab85 cds\_s\_threadmutexunlock\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_mutex\_unlock** failed : status = %ld.

**Explanation:** A call to the function **pthread\_mutex\_unlock** failed. The program will abort.

**Action:** See the indicated status code for additional detail. The status code are documented in this manual.

**0x10d0ab7e cds\_s\_threadsetspecific**

**Severity:** Fatal      **Component:** cds/cds\_svc\_general

**Text:** Routine **pthread\_setspecific** failed : status = %ld.

**Explanation:** A call to the system function **pthread\_setspecific** has failed.

**Action:** See the indicated status code for additional detail. The status code are documented in this manual.

**0x10d0aa84 cds\_s\_replay\_badlog**

**Severity:** Warning      **Component:** cds/cds\_svc\_server

**Text:** Transaction log replay detected an unrecognized buffer state: %d

**Explanation:** The transaction log replay state machine detected an unknown state. Transaction log replay was terminated.

**Action:** Report this to your DCE supplier. The clearinghouse may have lost information modified since the last database checkpoint.

**0x10d0aa87 cds\_s\_replay\_dirinternal\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Playback error: directory/replica %s was not created due to an internal error: %s

**Explanation:** An internal database error was detected when attempting to create a directory or replica entry during transaction log replay.

**Action:** Contact your DCE supplier. You may be able to continue operations by manually recreating the entry.

**0x10d0aa86 cds\_s\_replay\_dirmem\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Playback error: directory/replica %s was not created due to insufficient memory

**Explanation:** Insufficient virtual memory was available for the transaction log replay mechanism to create a directory.

**Action:** Increase the amount of virtual memory available to the server and restart it at the earliest opportunity.

**0x10d0aa89 cds\_s\_replay\_objinternal\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Playback error: object %s was not created due to an internal error: %s

**Explanation:** An internal database error was detected when attempting to create an object entry during transaction log replay.

**Action:** Contact your DCE supplier. You may be able to continue operations by manually recreating the entry.



**0x10d0aa88 cds\_s\_replay\_objmem\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Playback error: object %s was not created due to insufficient memory.

**Explanation:** Insufficient virtual memory was available for the transaction log replay mechanism to create an object entry.

**Action:** Increase the amount of virtual memory available to the server and restart it at the earliest opportunity. The object will need to be manually recreated.

**0x10d0aa85 cds\_s\_replay\_stats**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Transaction log statistics for clearinghouse %s. Creates: %d Directories, %d Objects, %d Do\_Updates. Updates: %d Directories, %d Objects %d Clearinghouse.

**Explanation:** The statistics of the transaction log replay.

**Action:** None required.

**0x10d0ab71 cds\_s\_rpcbindingexport**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_ns\_binding\_export(3rpc)** failed: status = %ld.

**Explanation:** A call to the system function **rpc\_ns\_binding\_export(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab6d cds\_s\_rpcbindingfromstring**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_binding\_from\_string\_binding(3rpc)** failed : status = %ld.

**Explanation:** A call to the function **rpc\_binding\_from\_string\_binding(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab6f cds\_s\_rpcbindinginqauth**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_binding_inq_auth_client(3rpc)` failed : status = %ld.

**Explanation:** A call to the system function `rpc_binding_inq_auth_client(3rpc)` has failed.

**Action:** See the indicated status message for additional detail. The status messages are documented in this manual.

**0x10d0ab60 cds\_s\_rpcbindingreset**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_binding_reset(3rpc)` failed : status = %ld.

**Explanation:** A call to the function `rpc_binding_reset(3rpc)` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab72 cds\_s\_rpcbindingunexport**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_ns_binding_unexport(3rpc)` failed: status = %ld.

**Explanation:** A call to the system function `rpc_ns_binding_unexport(3rpc)` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab65 cds\_s\_rpcinqbindings**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_server_inq_bindings(3rpc)` failed : status = %ld.

**Explanation:** A call to the function `rpc_server_inq_bindings(3rpc)` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab68 cds\_s\_rpcregisterauthinfo**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_server_register_auth_info(3rpc)` failed : status = %ld.

**Explanation:** A call to the function `<rpc_server_register_auth_info(3rpc)>` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab61 cds\_s\_rpcregisterep**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_ep\_register(3rpc)** failed: status = %ld.

**Explanation:** A call to the function **rpc\_ep\_register(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab63 cds\_s\_rpcregisterif**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_server\_register\_if(3rpc)** failed : status = %ld.

**Explanation:** A call to the function **rpc\_server\_register\_if(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab67 cds\_s\_rpcresolvebinding**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_ep\_resolve\_binding(3rpc)** failed : status = %ld.

**Explanation:** A call to the function **rpc\_ep\_resolve\_binding(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab5f cds\_s\_rpcserverlisten**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **lrpc\_server\_listen(3rpc)** failed : status = %ld.

**Explanation:** A call to the function **rpc\_server\_listen(3rpc)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab70 cds\_s\_rpcsetauthinfo**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_binding\_set\_auth\_info(3rpc)** failed : status = %ld.

**Explanation:** A call to the function **rpc\_binding\_set\_auth\_info(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab66 cds\_s\_rpcsetobject**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_binding\_set\_object(3rpc)** failed: status = %ld.

**Explanation:** A call to the function **rpc\_binding\_set\_object(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab6e cds\_s\_rpcseverinit**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_server\_init()** failed : status = %ld.

**Explanation:** An attempt to initialise contact with the server failed.

**Action:** Correct the situation as indicated in the error status.

**0x10d0ab6a cds\_s\_rpcstringbindingcompose**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_string\_binding\_compose(3rpc)** failed : status = %ld.

**Explanation:** A call to the function **rpc\_string\_binding\_compose(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab69 cds\_s\_rpcstringtobinding**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_binding\_to\_string\_binding(3rpc)** failed : status = %ld.

**Explanation:** A call to the function `rpc_binding_to_string_binding(3rpc)` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab5e cds\_s\_rpctowerfrombinding**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_tower_vector_from_binding(3rpc)` failed : status = %ld.

**Explanation:** A call to `rpc_tower_vector_from_binding(3rpc)` returned the specified error.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab6c cds\_s\_rpctowertobinding**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_tower_to_binding(3rpc)` failed : status = %ld.

**Explanation:** A call to the function `rpc_tower_to_binding(3rpc)` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab6b cds\_s\_rpctowervectorfrombind**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_tower_vector_from_binding(3rpc)` failed : status = %ld.

**Explanation:** A call to the function `rpc_tower_vector_from_binding(3rpc)` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab62 cds\_s\_rpcunregisterep**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine `rpc_ep_unregister(3rpc)` failed: status = %ld.

**Explanation:** A call to the function `rpc_ep_unregister(3rpc)` failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab64 cds\_s\_rpcuseallprotseqs**

**Severity:** Notice      **Component:** cds/cds\_svc\_general

**Text:** Routine **rpc\_server\_use\_all\_protseqs(3rpc)** failed: status = %ld.

**Explanation:** A call to the function **rpc\_server\_use\_all\_protseqs(3rpc)** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab76 cds\_s\_secidparsename**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **sec\_id\_parse\_name(3sec)** failed : status = %ld.

**Explanation:** A call to the function **sec\_id\_parse\_name(3sec)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab79 cds\_s\_secimportctx**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **sec\_login\_import\_context(3sec)** failed : status = %ld.

**Explanation:** A call to the function **sec\_login\_import\_context(3sec)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab73 cds\_s\_secrgycellbind**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **sec\_rgy\_cell\_bind(3sec)** failed on %s: status = %ld.

**Explanation:** A call to the function **sec\_rgy\_cell\_bind(3sec)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab77 cds\_s\_secrgypgoismember**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **sec\_rgy\_pgo\_is\_member(3sec)** failed : status = %ld.

**Explanation:** A call to the function **sec\_rgy\_pgo\_is\_member(3sec)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab78 cds\_s\_secrgypgonametoid**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **sec\_rgy\_pgo\_name\_to\_id(3sec)** failed : status = %ld.

**Explanation:** A call to the function **sec\_rgy\_pgo\_name\_to\_id(3sec)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab74 cds\_s\_secrgysitebind**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **sec\_rgy\_site\_bind(3sec)** failed on %s: status = %ld.

**Explanation:** A call to the function **sec\_rgy\_site\_bind(3sec)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0ab75 cds\_s\_secrgysiteopen**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **sec\_rgy\_site\_open(3sec)** failed: status = %ld.

**Explanation:** A call to the function **sec\_rgy\_site\_open(3sec)** has failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0aa83 cds\_s\_server\_aliasbackoutchild**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** add\_cell\_alias: Previous error occurred, failed to back out and delete the child pointer in the parent directory: status = %ld.

**Explanation:** A previous error occurred during adding a cellname as child. In backing out this command, the server failed in cleaning up the child pointer created in the parent directory.

**Action:** Verify that you have the proper access to the parent directory for this command. Also check that the parent directory is properly being served. You may have to delete the child pointer by hand.

**0x10d0aa7c cds\_s\_server\_aliasbadptr**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Invalid DBSetMember\_t pointers for timestamp check.

**Explanation:** This is a name server bug detected while modifying the cell alias list.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa80 cds\_s\_server\_aliaschild**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** add\_cell\_alias: Could not create child pointer in parent directory: status = %ld.

**Explanation:** When adding a cellname as child, a child pointer is created in the parent directory.

**Action:** Verify that you have the proper access to the parent directory for this command. Also check that the parent directory is properly being served.

**0x10d0aa82 cds\_s\_server\_aliascreatesl**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** add\_cell\_alias: Could not create soft link in place of previous child pointer in parent directory: status = %ld

**Explanation:** When adding a cellname as child, the child pointer in the previous parent directory is deleted and replaced with a soft link.

**Action:** Verify that you have the proper access to the parent directory for this command. Also check that the parent directory is properly being served. You may have to create the soft link by hand.



**0x10d0aa81 cds\_s\_server\_aliasdelchild**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** add\_cell\_alias: Could not delete old child pointer in parent directory: status = %ld.

**Explanation:** When adding a cellname as child, the child pointer in the previous parent directory is deleted and replaced with a soft link.

**Action:** Verify that you have the proper access to the parent directory for this command. Also check that the parent directory is properly being served. You may have to delete the previous child pointer by hand.

**0x10d0aa7d cds\_s\_server\_aliasmultiprfd**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** More than one primary alias detected.

**Explanation:** While examining the cell alias list, more than one primary alias was detected.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa7e cds\_s\_server\_aliasnoprfd**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** get\_preferred\_member: No cell alias detected.

**Explanation:** No cell aliases were detected.

**Action:** If this error is not recurring it can be ignored.

**0x10d0aa7b cds\_s\_server\_aliasnotmaster**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** modify\_cell\_alias: Not master replica.

**Explanation:** Modification of cell aliases been erroneously directed to a read-only replica of the cell root directory.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa7a cds\_s\_server\_aliasnotroot**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** modify\_cell\_alias: Not root directory.

**Explanation:** The modify cell alias routine could not locate the cell root directory.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa7f cds\_s\_server\_aliasoverflow**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** modify\_cell\_alias: Buffer overflow, alias not modified

**Explanation:** This is a name server bug.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa58 cds\_s\_server\_attributemissing**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Attribute %s missing for %s.

**Explanation:** Expected attribute was not found.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa52 cds\_s\_server\_autofail**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Cannot auto-initialize CDS server.

**Explanation:** The server failed to automatically initialize itself.

**Action:** See the servicability log for more information on the error.

**0x10d0aa4e cds\_s\_server\_badauthn**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Invalid authentication service detected %d.

**Explanation:** A request has been rejected due to lack of DCE authentication credentials. An unsupported authentication service was requested.

**Action:** None required.

**0x10d0aa4f cds\_s\_server\_badauthz**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Invalid authorization service: status code = %d

**Explanation:** An invalid authorization service has been detected.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa5a cds\_s\_server\_childupdateevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Cannot update child pointer for directory %s: status = %ld.

**Explanation:** Server event 'Cannot-Update-Child-Pointer' has occurred.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0aa40 cds\_s\_server\_chstate**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Clearinghouse :%s - database state assertion failure: observed state code was %d

**Explanation:** During a database checkpoint an unknown state was detected. The checkpoint was not performed.

**Action:** Restart the server as soon as possible. If this error persists, contact your DCE supplier.

**0x10d0aa5f cds\_s\_server\_clearinghousecreated**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Clearinghouse %s created.

**Explanation:** A new clearinghouse has been created. Informational message.

**Action:** None required.

**0x10d0aa5e cds\_s\_server\_clearinghousedeleted**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Clearinghouse %s deleted

**Explanation:** Clearinghouse has been deleted. Informational message.

**Action:** None required.

**0x10d0aa47 cds\_s\_server\_clecrects**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Create clearinghouse failed since unable to create clearinghouse object : status = %ld.

**Explanation:** A test of the creation timestamp of the new clearinghouse object did not match what CDS reports as the timestamp. The timestamps must match to prevent clearinghouse name collisions.

**Action:** A non-standard configuration of the cell root directory's replica set can cause this problem. Assure that all replicas of the cell root directory are accounted for and are in the current replica set.

**0x10d0aa48 cds\_s\_server\_clecrefailed**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Create clearinghouse failed with error = %ld

**Explanation:** Unable to create the clearinghouse due to an unexpected error.

**Action:** Use the additional error status to probe possible reasons for the error.

**0x10d0aa3a cds\_s\_server\_close**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to close file %s: status = %ld.

**Explanation:** A call to the system function **close(2)** has failed.

**Action:** See the **close(2)** manual page for further details.

**0x10d0aa36 cds\_s\_server\_create**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to create file %s: status = %ld.

**Explanation:** A call to the system function **open(2)** has failed.

**Action:** See the **open(2)** manual page for further details.

**0x10d0aa43 cds\_s\_server\_creclenmem**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Create clearinghouse failed due to a virtual memory allocation error

**Explanation:** While responding to a cdscp command to create a clearinghouse the server has been unable to allocate the memory for it.

**Action:** Increase the virtual memory available to the server and restart the server before re-issuing the command.

**0x10d0aa45 cds\_s\_server\_creclobj**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Create clearinghouse failed. Unable to create object: status = %ld.

**Explanation:** An error was detected while attempting to create the clearinghouse object.

**Action:** Either choose a different clearinghouse name or delete the existing object with the same name.

**0x10d0aa46 cds\_s\_server\_creclskulk**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Create clearinghouse failed. Skulk failed on root directory: status = %ld.

**Explanation:** Error occurred due while trying to skulk the root directory.

**Action:** Determine the cause of skulk failure, fix it, and attempt to create the clearinghouse again.

**0x10d0aa5d cds\_s\_server\_crucialevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Cannot remove the root directory from clearinghouse %s.

**Explanation:** An attempt was made to remove the root directory from a clearinghouse. The directory will be turned back on.

**Action:** None required.

**0x10d0aa4d cds\_s\_server\_cvtsimple**

**Severity:** Error           **Component:** cds/cds\_svc\_server

**Text:** Unable to convert the clearinghouse name to internal format: status = %ld.

**Explanation:** A call to a cds function failed during the automatic server initialization sequence which was creating a new clearinghouse.

**Action:** Check that the hostname of this server conforms to CDS naming conventions. Attempt to restart the server. Report this problem to your DCE supplier if it persists.

**0x10d0aa2e cds\_s\_server\_dacl\_eb**

**Severity:** Fatal           **Component:** cds/cds\_svc\_server

**Text:** Failed to initialise server management DACL

**Explanation:** Due to a problem occurring during the initialization of the server management DACL and its mutex, the server will exit.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa3f cds\_s\_server\_dbindex**

**Severity:** Error           **Component:** cds/cds\_svc\_server

**Text:** Database index maintenance routines have detected a corruption.

**Explanation:** The database has detected an improperly linked index entry. The database will attempt to repair it automatically.

**Action:** None required.

**0x10d0aa50 cds\_s\_server\_dbkeytype\_a**

**Severity:** Fatal           **Component:** cds/cds\_svc\_server

**Text:** Invalid database keytype at line %d file %s.

**Explanation:** An invalid keytype was found in the database. The server will abort and dump a core file.

**Action:** Report this problem to your DCE supplier.

**0x10d0aa51 cds\_s\_server\_dbnodetype\_a**

**Severity:** Fatal           **Component:** cds/cds\_svc\_server

**Text:** Invalid database node type at line %d file %s.

**Explanation:** An invalid not type was found in the database. The server will abort and dump a core file.

**Action:** Report this problem to your DCE supplier.

**0x10d0afe2 cds\_s\_server\_delete\_entries**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to open in-memory database. Status = %ld.

**Explanation:** Server is unable to open a temporary in-memory database for the directory store

**Action:** Check protection of tmp directory on disk.

**0x10d0aa3d cds\_s\_server\_diag**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to properly initialize the diagnostic interface

**Explanation:** An error was detected during diagnostic interface initialization.

**Action:** Assure that no other cds servers (cdsd processes) are running. If they are, kill them and then restart the server.

**0x10d0aa2a cds\_s\_server\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** The server is exiting due to an unexpected event.

**Explanation:** Received an error return and cannot recover.

**Action:** Check the servicability log for further error messages.

**0x10d0aa29 cds\_s\_server\_eg**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Normal successful exit

**Explanation:** The cds server (cdsd) has successfully completed and will exit normally.

**Action:** None required.

**0x10d0aa53 cds\_s\_server\_enablefail**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Cannot auto-enable CDS server.

**Explanation:** The server failed to enable the clearinghouse and communications support.

**Action:** See the servicability log for more information on the error.

**0x10d0aa30 cds\_s\_server\_exportfail\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Cannot export bindings to clearinghouse.

**Explanation:** Error occurred trying the export. The server will exit because with this situation, acl\_edit(1sec) & dce\_config will both fail.

**Action:** Restart the advertiser and server.

**0x10d0aa42 cds\_s\_server\_fixchdir**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to repair CHDirectory entry for directory uid %s: error=%s

**Explanation:** The database has detected a difference between the internal directory list and the CDS\_CHDirectories attribute for the clearinghouse. An attempt to reconcile the difference has failed. The CDS\_CHDirectories attribute is not accurate.

**Action:** While this does not affect normal server operations, consider restarting the server at the earliest opportunity. If this error persists, contact your DCE supplier.

**0x10d0aa4c cds\_s\_server\_gethostname**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Routine gethostname(2) failed: status = %s

**Explanation:** A call to the system function gethostname(2) failed during the automatic server initialization sequence.

**Action:** See the gethostname(2) manual page for further details. Correct the problem and restart the server.



**0x10d0aa33 cds\_s\_server\_initcomplete**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Server initialization completed

**Explanation:** The server's automatic startup sequence has successfully completed.

**Action:** None required.

**0x10d0aa2c cds\_s\_server\_loadfail\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Error trying to load a clearinghouse from disk into memory: status = %ld.

**Explanation:** An attempt to load a clearinghouse into memory failed.

**Action:** See prior messages for additional detail regarding the failure. Correct the problem and restart the server.

**0x10d0aa39 cds\_s\_server\_lseek**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to access file %s: status = %ld.

**Explanation:** A call to the system function **lseek(2)** has failed.

**Action:** See the **lseek(2)** manual page for further details.

**0x10d0aa4b cds\_s\_server\_namebad\_a**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Invalid attribute name flag.

**Explanation:** An uncorrectable data corruption was detected by the database set management facility. The server will abort and create a core file for analysis.

**Action:** Restart the server and report the problem to your DCE supplier.

**0x10d0aa2f cds\_s\_server\_newread\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** New namespace cannot be reached: status = %s.

**Explanation:** The clerk is not responding to lookups in the new namespace. The advertiser may not have received the update.

**Action:** Restart the advertiser and server.

**0x10d0aa5b cds\_s\_server\_nougradeevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Unable to upgrade directory %s: status = %ld.

**Explanation:** Server event 'upgrade-Not-Possible' has occurred

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0aa37 cds\_s\_server\_open**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to open file %s: status = %ld.

**Explanation:** A call to the system function **open(2)** has failed.

**Action:** See the **open(2)** manual page for further details.

**0x10d0aa56 cds\_s\_server\_pathbrokenevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** A lookup on parent directory %s failed.

**Explanation:** Server event 'Broken-Lookup-Paths' has occurred. A lookup on the directory name returned unknownentry.

**Action:** Make sure the server has read permissions on the directory. If the name has changed, add a softlink pointing to the new directory name.

**0x10d0aa59 cds\_s\_server\_possiblecycleevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** A loop of softlinks exists for %s.

**Explanation:** Server event 'Possible-Cycle' has occurred.

**Action:** Change the softlink target so a loop does not exist.

**0x10d0aa35 cds\_s\_server\_read**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to read file %s: status = %ld.

**Explanation:** A call to the system function **read(2)** has failed.

**Action:** See the **read(2)** manual page for further details.

**0x10d0aa41 cds\_s\_server\_readchaddr**

**Severity:** Warning      **Component:** cds/cds\_svc\_server

**Text:** Could not read internal clearinghouse address: status = %ld.

**Explanation:** An unexpected error was detected while attempting to determine if the clearinghouse address has changed.

**Action:** If the address of the clearinghouse has changed recently, restart the server at the earliest opportunity. If this error persists, contact your DCE supplier.

**0x10d0aa49 cds\_s\_server\_rebuildindex\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Database index rebuild has failed: status = %s

**Explanation:** An attempt to rebuild a database index has failed. The server will dump core.

**Action:** Restart the server.

**0x10d0aa55 cds\_s\_server\_rootlostevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** A copy of the root directory not found in clearinghouse %s.

**Explanation:** Server event 'Root-Lost' has occurred. Root directory not replicated in this clearinghouse.

**Action:** Add a copy of the root to the clearinhouse.

**0x10d0aa32 cds\_s\_server\_rpc\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Initialization of RPC interface has failed.

**Explanation:** The server will exit because this initialization has failed.

**Action:** Make sure the endpoint mapper is running. Refer to the servicability log for more status information.

**0x10d0aa2d cds\_s\_server\_sec\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Failed to initialize server interfaces.

**Explanation:** Unable to initialize the security interfaces. The server will exit.

**Action:** Refer to the servicability log for more status information.

**0x10d0aa57 cds\_s\_server\_securityevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Server unable to access %s.

**Explanation:** Server event 'Security-Failure' has occurred. The server cannot access a name.

**Action:** Change the permissions on the entry.

**0x10d0aa4a cds\_s\_server\_setbad\_a**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Invalid set check.

**Explanation:** An uncorrectable data corruption was detected by the database set management facility. The server will abort and create a core file for analysis.

**Action:** Restart the server and report the problem to your DCE supplier.

**0x10d0aa3c cds\_s\_server\_setrlimit**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** The call to the setrlimit(2) routine has failed: error=%s

**Explanation:** The call to the system function setrlimit(2) has failed.

**Action:** See the setrlimit(2) manual page for further details.

**0x10d0aa54 cds\_s\_server\_skulkfailedevent**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** A skulk failed for directory %s: status = %ld.

**Explanation:** A skulk operation failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0aa78 cds\_s\_server\_skulkstat1**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Skulk failed for %s in phase %s: reason = %s, status = %ld.

**Explanation:** A skulk failed. This message details the reasons for the failure.

**Action:** Correct the problem and try again.

**0x10d0aa79 cds\_s\_server\_skulkstat2**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** Skulk failed for %s in phase %s: status = %ld.

**Explanation:** A skulk failed. This message details the reasons for the failure.

**Action:** Correct the problem and try again.

**0x10d0aa28 cds\_s\_server\_startup**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** CDS server starting.

**Explanation:** The CDS server has started.

**Action:** None required.

**0x10d0aa60 cds\_s\_server\_timeback**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** The system clock has gone backwards.

**Explanation:** Time has gone backwards. The server cannot accept updates from the past.

**Action:** Fix the system clock.

**0x10d0aa3e cds\_s\_server\_timestamp**

**Severity:** Warning      **Component:** cds/cds\_svc\_server

**Text:** The timestamp on a new update is older than CDS\_AllUpTo. Attribute =%s, CDS\_AllUpTo = %s, Update Timestamp = %s.

**Explanation:** An new update with a timestamp older then allupto was received. The skulk operation will fail.

**Action:** Use the **cdscp set dir to new epoch** command to correct the problem.

**0x10d0aa31 cds\_s\_server\_towerfail\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Unable to update local address set.

**Explanation:** The server was unable to construct an address for the local system and update the clearinghouse's location.

**Action:** Restart the DCE components.

**0x10d0aa3b cds\_s\_server\_unlink**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to delete file %s: status = %ld.

**Explanation:** A call to the system function **unlink(2)** has failed.

**Action:** See the **unlink(2)** manual page for further details.

**0x10d0aa2b cds\_s\_server\_version\_eb**

**Severity:** Fatal      **Component:** cds/cds\_svc\_server

**Text:** Unsupported version number specified on command line: %s.

**Explanation:** The -v switch was used with a version number the server doesn't recognize.

**Action:** Use either -v 3.0 or -v 4.0.

**0x10d0aa38 cds\_s\_server\_write**

**Severity:** Error      **Component:** cds/cds\_svc\_server

**Text:** Unable to write to file %s: status = %ld.

**Explanation:** A call to the system function **write(2)** has failed.

**Action:** See the **write(2)** manual page for further details.

**0x10d0aa5c cds\_s\_server\_wrongstate**

**Severity:** Notice      **Component:** cds/cds\_svc\_server

**Text:** A replica of directory %s was in the wrong state %d.

**Explanation:** The state of a replica was not as expected.

**Action:** Report this problem to your DCE supplier.

**0x10d0ab9d cds\_s\_site\_bind**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** sec\_rgy\_site\_bind returned status %ld : %s

**Explanation:** A call to sec\_rgy\_site\_bind has failed.

**Action:** Refer to explanation for returned status from sec\_rgy\_site\_bind

**0x10d0ab5a cds\_s\_svc\_routing\_eb**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Unable to set message routing from command line argument : status = %ld.

**Explanation:** A call to **dce\_svc\_routing** failed.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a001 CDS\_SUCCESS**

**Severity:** Varies      **Component:** cds

**Text:** Successful completion.

**Explanation:** The requested operation completed successfully.

**Action:** None required.

**0x10d0a89f CDS\_SUCCESS\_STALE**

**Severity:** Varies      **Component:** cds

**Text:** Success, may be stale

**Explanation:** A clearinghouse was inaccessible. Returning potentially stale clerk cache values.

**Action:** Use value returned, or look for accessible clearinghouse.

**0x10d0ab5d cds\_s\_uuidfromstr**

**Severity:** Error      **Component:** cds/cds\_svc\_general

**Text:** Routine **uuid\_from\_string(3rpc)** failed : status = %ld.

**Explanation:** A call to **uuid\_from\_string(3rpc)** returned an error.

**Action:** See the indicated status code for additional detail. The status codes are documented in this manual.

**0x10d0a3f1 CDS\_TIMEOUTMAYBEDONE**

**Severity:** Varies      **Component:** cds

**Text:** Timeout occurred; operation may have completed

**Explanation:** A modify operation was not completed by the clerk in the specified time.

**Action:** Check the results of the operation, and try again if not done.

**0x10d0a3f0 CDS\_TIMEOUTNOTDONE**

**Severity:** Varies      **Component:** cds

**Text:** Timeout occurred; operation not performed

**Explanation:** A read operation was not completed by the clerk in the specified time.

**Action:** Retry the operation.

**0x10d0a455 CDS\_UNKNOWNATTRIBUTE**

**Severity:** Varies      **Component:** cds

**Text:** Requested attribute does not exist



**Explanation:** A **ReadAttrValue** was made to an attribute that doesn't exist on the given entity.

**Action:** None required.

**0x10d0a3f8 CDS\_UNKNOWNCLEARINGHOUSE**

**Severity:** Varies      **Component:** cds

**Text:** Specified clearinghouse does not exist

**Explanation:** The clearinghouse you specified in the command does not exist in the namespace.

**Action:** Make sure you typed the full name of the clearinghouse correctly. Reenter your command and specify the correct name of an existing clearinghouse.

**0x10d0a3f4 CDS\_UNKNOWNENTRY**

**Severity:** Varies      **Component:** cds

**Text:** Requested entry does not exist

**Explanation:** The entry does not exist or you do not have any permissions to the entry.

**Action:** Assuming you have adequate permissions, try to create the name yourself. If the name exists, the creation fails and the following error message is displayed: **Specified full name already exists.**

**0x10d0a409 CDS\_UNTRUSTEDCH**

**Severity:** Varies      **Component:** cds

**Text:** Server process has insufficient access to clearinghouse

**Explanation:** The server principal on the requesting server has insufficient CDS permissions to a clearinghouse that stores the name the server was trying to access.

**Action:** Have your namespace administrator (or the manager of the server on which the clearinghouse resides) grant the server principal on the requesting server the permissions it requires to perform the requested operation.

**0x10d0a40a CDS\_VERSIONSKEW**

**Severity:** Varies      **Component:** cds

**Text:** Replica cannot be added to old Clearinghouse

**Explanation:** An attempt was made to add a newer directory replica to an older clearinghouse, which cannot support that replica.

**Action:** Upgrade the old clearinghouse or be content with what you have.

**0x10d0a405 CDS\_WRONGATTRIBUTETYPE**

**Severity:** Varies      **Component:** cds

**Text:** Specified attribute type is incorrect

**Explanation:** When modifying an entry, the wrong attribute type was specified.

**Action:** Check the attribute types and reconcile.

**0x10d0a44d CDS\_WRONGSTATE**

**Severity:** Varies      **Component:** cds

**Text:** Responding entity in wrong state to process requested operation

**Explanation:** A responding entity (a CDS clerk, CDS server, clearinghouse, or replica) is not running and cannot process your request.

**Action:** Restart the CDS clerk or CDS server before you reenter your command.

**0x177db041 cma\_s\_alert\_nesting**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** Improper nesting of alert scope

**Explanation:** An error was detected while restoring a previous alert delivery state.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db032 cma\_s\_badparam**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An Invalid parameter exception has been raise

**Explanation:** An invalide parameter has for a threads operation has been detected.

**Action:** The software vendor should check all parameters being passed in through the pthread api.

**0x177db033 cma\_s\_bugcheck**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A fatal internal error has occurred in DCE Threads.

**Explanation:** An internal inconsistency in the DCE Threads library has been detected. The threads library dumped core by raising a SIGIOT signal. The application calling the threads library is not at fault.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db03f cma\_s\_defer\_q\_full**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A no space currently available to process interrupt request exception has been raised

**Explanation:** The interrupt defer queue is full.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db035 cma\_s\_existence**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An Object referenced does not currently exist exception has been raised

**Explanation:** A reference has been made to a threads object that does not exist.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db03e cma\_s\_inialrpro**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A threads library initialization is already in progress exception has been raised

**Explanation:** A threads initialization has been attempted while a previous one is still in progress on an implementation for which this is not allowed.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db036 cma\_s\_in\_use**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An object referenced is already in use exception has been raised

**Explanation:** The application has referenced an object that is already in use and for which multiple usage is not allowed.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db03a cma\_s\_nostackmem**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A no space to create a stack exception has been raised.

**Explanation:** Either the memory limit for the principal executing the application has been exceeded or the system has exhausted virtual memory.

**Action:** Contact your system administrator.

**0x177db03b cma\_s\_notcmastack**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A current stack was not allocated by thread library exception has been raised

**Explanation:** A threads operation was attempted on a stack that the threads implementation did not allocate. The results of the operation would be unreliable. This may occur for example if pthread\_exit were called from the main thread.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db040 cma\_s\_signal\_q\_full**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A no space currently available to process condition signal exception has been raised

**Explanation:** The signal queue is full.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db039 cma\_s\_stackovf**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An attempted stack overflow exception has been raised

**Explanation:** An operation that would result in a stack overflow has been detected.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db03d cma\_s\_unimp**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An unimplemented feature exception has been raised

**Explanation:** The application has attempted to execute a feature that is not currently implemented in the implementation on which it is running.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db037 cma\_s\_use\_error**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An operation inappropriate for specified object exception has been raised

**Explanation:** A operation has been attempted on an object that is invalid on that object.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db038 cma\_s\_wrongmutex**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A wrong mutex specified in condition wait exception has been raised

**Explanation:** A condition wait has been performed passing the wrong mutex as an input argument.

**Action:** Contact the vendor from whom the application was obtained.

**0x10f6100d csrc\_s\_cannot\_copy\_intermediate**

**Severity:** Unknown      **Component:** csr/csr\_s\_general

**Text:** Cannot copy the intermediate code set name: %s.\n

**Explanation:** The intermediate code set name could not be copied internally. The **strcpy** function call failed.

**Action:** Report the error to the vendor. Notify them **strcpy** has a problem.

**0x10f61004 csrc\_s\_cannot\_open\_input**

**Severity:** Unknown      **Component:** csr/csr\_s\_general

**Text:** Can't open '%s' for input, %s.\n

**Explanation:** The supplied file could not be opened. The file name is probably wrong.

**Action:** Verify the file exists. Correct the input file name.

**0x10f6100b csrc\_s\_cannot\_open\_logfile**

**Severity:** Unknown    **Component:** csr/csr\_s\_general

**Text:** Can't open '%s' for logging, %s.\n

**Explanation:** The specified log file was unable to be opened, because of an incorrect pathname.

**Action:** Correct the pathname to the file, and try again.

**0x10f6100a csrc\_s\_cannot\_open\_output**

**Severity:** Unknown    **Component:** csr/csr\_s\_general

**Text:** Can't open '%s' for output, %s.\n

**Explanation:** The specified output file was unable to be opened, because of an incorrect file name.

**Action:** Correct the output file name, and try again.

**0x10f61005 csrc\_s\_duplicate\_field**

**Severity:** Unknown    **Component:** csr/csr\_s\_syntax

**Text:** Duplicate '%s' field.\n

**Explanation:** The **csrc** utility detected a duplicated field within the input specification.

**Action:** Remove the duplicated field, and try again.

**0x10f61007 csrc\_s\_internal\_unknown\_type**

**Severity:** Unknown    **Component:** csr/csr\_s\_syntax

**Text:** Internal error storing unknown type %d.\n

**Explanation:** The **csrc** detected an unknown token. The **lex** utility didn't catch the invalid token. This error should not happen.

**Action:** Report the error to the vendor. Show them your **csrc** input file.

**0x10f61003 csrc\_s\_lex\_error**

**Severity:** Unknown    **Component:** csr/csrc\_s\_syntax

**Text:** File = %s: Line = %d: Error = %s (near String = '%s').\n

**Explanation:** The **csrc** parser portion detected the error.

**Action:** Fix the syntax error. Check The **csrc** man page for the legal syntax.

**0x10f61006 csrc\_s\_missing\_field**

**Severity:** Unknown    **Component:** csr/csrc\_s\_syntax

**Text:** Missing '%s' field.\n

**Explanation:** A required field is missing.

**Action:** All values and text pairs are required for a code set **field\_list**. Add the missing field. Check the **csrc** man page for complete information on each field.

**0x10f6100c csrc\_s\_no\_memory**

**Severity:** Unknown    **Component:** csr/csrc\_s\_general

**Text:** Cannot allocate the required memory.\n

**Explanation:** The **csrc** utility could not allocate the required memory internally.

**Action:** Stop any unnecessary process and try again, or add more memory.

**0x10f61009 csrc\_s\_no\_output**

**Severity:** Unknown    **Component:** csr/csrc\_s\_syntax

**Text:** Checking of syntax in the input failed. No output generated.\n

**Explanation:** The **csrc** utility detected an error, and was unable to generate the output.

**Action:** This error is caused by syntactic errors in the input file. Check the **csrc** man page and fix the problem, then try again.

**0x10f6100e csrc\_s\_too\_many\_intermediate**

**Severity:** Unknown    **Component:** csr/csrc\_s\_general

**Text:** Intermediate code sets should not exceed %d.\n

**Explanation:** The **csrc** utility detected that a user specified too many intermediate code sets.

**Action:** Reduce the number of intermediate code sets to the number displayed, and try again.

**0x14601013 db\_s\_already\_locked**

**Severity:** Varies      **Component:** lib

**Text:** Database is already locked

**Explanation:** An attempt was made to lock a database with **dce\_db\_lock()**, but it was already locked.

**Action:** Call **dce\_db\_unlock()** to unlock the database or do not attempt to lock an already-locked database.

**0x14601006 db\_s\_bad\_header\_type**

**Severity:** Varies      **Component:** lib

**Text:** Header type is incorrectly specified.

**Explanation:** An attempt was made to create a database while specifying an incorrect header type.

**Action:** When creating a database, set the **flags** parameter of **dce\_db\_open()** to have either **db\_c\_std\_header** or **db\_c\_acl\_header** or neither (meaning no header).

**0x14601004 db\_s\_bad\_index\_type**

**Severity:** Varies      **Component:** lib

**Text:** Index type is not known or incorrectly specified.

**Explanation:** An attempt was made to create a database without specifying an index type or to open an existing one with an incorrect type.

**Action:** When creating a new database, set the *flags* parameter of **dce\_db\_open()** to have either **dce\_db\_c\_index\_by\_uuid** or **dce\_db\_c\_index\_by\_name**. When opening an existing database, no index type is necessary. If specified, it must match the type used when the database was first created.

**0x1460100f db\_s\_del\_failed**

**Severity:** Varies      **Component:** lib



**Text:** Database delete operation failure

**Explanation:** The underlying database-delete procedure failed for some reason. The global variable **errno** may provide more specific information.

**Action:** The global variable **errno** may indicate what action to take.

**0x1460100e db\_s\_fetch\_failed**

**Severity:** Varies      **Component:** lib

**Text:** Database fetch failure

**Explanation:** The underlying database-fetch procedure failed for some reason. The global variable **errno** may provide more specific information.

**Action:** The global variable **errno** may indicate what action to take.

**0x14601028 db\_s\_file\_lock\_fail**

**Severity:** Varies      **Component:** lib

**Text:** Database file lock or unlock failed

**Explanation:** Either **dce\_db\_lock()** or **dce\_db\_unlock()** detected an error, returned by a file locking function.

**Action:** The global variable **errno** may indicate what action to take.

**0x14601005 db\_s\_index\_type\_mismatch**

**Severity:** Varies      **Component:** lib

**Text:** Index type in flags parameter does not match type in database

**Explanation:** The index type bits in the *flags* parameter to **dce\_db\_open()** did not match the type stored in the database.

**Action:** Call **dce\_db\_open()** with the index type that matches what is in the database.

**0x14601017 db\_s\_iter\_not\_allowed**

**Severity:** Varies      **Component:** lib

**Text:** Operation is not allowed while iterating

**Explanation:** A call to either a function that alters a backing store (a store or delete operation) or one that starts another iteration was attempted while iterating. This is not allowed.

**Action:** Do not call routines that alter the backing store or nest iterations while in an iteration loop.

**0x14601008 db\_s\_key\_not\_found**

**Severity:** Varies      **Component:** lib

**Text:** Key not found in database

**Explanation:** The specified key was not found in the database. This means the search failed. It is not necessarily a problem.

**Action:** No action is required.

**0x14601007 db\_s\_missing\_convert**

**Severity:** Varies      **Component:** lib

**Text:** Missing convert function

**Explanation:** A procedure for encoding and decoding (or 'pickling') the data is required.

**Action:** Call **dce\_db\_open()** with a pointer to your encoding and decoding procedure.

**0x14601015 db\_s\_mutex\_init\_fail**

**Severity:** Varies      **Component:** lib

**Text:** pthread\_mutex\_init() failed

**Explanation:** The function **pthread\_mutex\_init()** failed.

**Action:** The global variable **errno** may indicate what action to take.

**0x14601016 db\_s\_mutex\_lock\_fail**

**Severity:** Varies      **Component:** lib

**Text:** Pthread mutex lock or unlock failed

**Explanation:** Either **dce\_db\_lock()** or **dce\_db\_unlock()** detected an error, returned by a pthreads mutex function.

**Action:** The global variable **errno** may indicate what action to take.

**0x14601011 db\_s\_no\_header**

**Severity:** Varies      **Component:** lib

**Text:** Objects/records in this database do not have headers

**Explanation:** An attempt was made to fetch a header from a database that was created without headers for the objects/records.

**Action:** Do not call **dce\_db\_header\_fetch()** on this database.

**0x14601003 db\_s\_no\_more**

**Severity:** Varies      **Component:** lib

**Text:** No more entries to iterate over

**Explanation:** The **dce\_db\_iter\_next()** function passed the last entry in the database. This is not an error, but informational, and is the only way to tell when you have passed through the database iteratively.

**Action:** Call **dce\_db\_iter\_done()** to complete the iteration.

**0x14601002 db\_s\_no\_name\_specified**

**Severity:** Varies      **Component:** lib

**Text:** Database name missing

**Explanation:** The database filename was not supplied when trying to open the database with **dce\_db\_open()**.

**Action:** Call **dce\_db\_open()** with a valid database filename.

**0x14601014 db\_s\_not\_locked**

**Severity:** Varies      **Component:** lib

**Text:** Database is not locked

**Explanation:** An attempt was made to unlock a database with **dce\_db\_unlock()**, but it was not locked.

**Action:** Do not attempt to unlock a database that is not locked.

**0x14601001 db\_s\_not\_open**

**Severity:** Varies      **Component:** lib

**Text:** Database not open

**Explanation:** The database was not opened before this database call.

**Action:** Call **dce\_db\_open()** before this database procedure.

**0x14601012 db\_s\_not\_std\_header**

**Severity:** Varies      **Component:** lib

**Text:** Database does not use the standard object/record header

**Explanation:** An attempt was made to call the function **dce\_db\_header\_set()**, but the database does not use the standard header.

**Action:** Do not call **dce\_db\_header\_set()**. This database was created without the standard header, so it cannot be set.

**0x14601009 db\_s\_open\_already\_exists**

**Severity:** Varies      **Component:** lib

**Text:** Database creat failure - data file already exists

**Explanation:** When attempting to open a database with the **db\_c\_create** flag, the specified database file was found to already exist.

**Action:** Do not open an existing database with the **db\_c\_create** flag, or remove the database file if a new (and empty) database is desired.

**0x1460100c db\_s\_open\_failed**

**Severity:** Varies      **Component:** lib

**Text:** Database open failure

**Explanation:** The underlying database-open procedure failed for some reason. The global variable **errno** may provide more specific information.

**Action:** The global variable **errno** may indicate what action to take.

**0x1460100b db\_s\_open\_failed\_eacces**

**Severity:** Varies      **Component:** lib

**Text:** Database open failure - permission denied

**Explanation:** The server does not have permission to open the database file. The **open** call returned EACCES.

**Action:** Run the process as the operating system user that has permission to access the database or change the permission of the database file itself, or the path to it.

**0x1460100a db\_s\_open\_failed\_enoent**

**Severity:** Varies      **Component:** lib

**Text:** Database open failure - no such file or directory

**Explanation:** The specified database file or part of its path was not found. The **open** call returned ENOENT.

**Action:** Correct the pathname to the file you are attempting to open.

**0x14601010 db\_s\_readonly**

**Severity:** Varies      **Component:** lib

**Text:** Database is opened as 'readonly'

**Explanation:** An attempt was made to modify the database with **dce\_db\_store()** or **dce\_db\_delete()** after opening it with **db\_c\_readonly** in the **flags** parameter.

**Action:** Either open the database without **db\_c\_readonly** in the **flags** parameter, or do not try to modify it.

**0x14601029 db\_s\_stat\_fail**

**Severity:** Varies      **Component:** lib

**Text:** Database file stat failed

**Explanation:** The underlying database-stat function failed for some reason. The global variable **errno** may provide more specific information.

**Action:** The global variable **errno** may indicate what action to take.

**0x1460100d db\_s\_store\_failed**

**Severity:** Varies      **Component:** lib

**Text:** Database store failure

**Explanation:** The underlying database-store procedure failed for some reason. The global variable **errno** may provide more specific information.

**Action:** The global variable **errno** may indicate what action to take.

**0x14601025 dce\_attr\_s\_bad\_binding**

**Severity:** Varies      **Component:** lib

**Text:** Bad or invalid dce attr binding handle

**Explanation:** Bad or invalid dce attr binding handle was supplied.

**Action:** Reinvoke the operation with the correct dce attr binding handle.

**0x14601026 dce\_attr\_s\_bad\_cursor**

**Severity:** Varies      **Component:** lib

**Text:** Bad or invalid dce attr cursor

**Explanation:** Bad or invalid dce attr cursor was supplied.

**Action:** Reinvoke the operation with the correct dce attr cursor.

**0x14601021 dce\_attr\_s\_bad\_name**

**Severity:** Varies      **Component:** lib

**Text:** Bad or invalid dce attr name(s)

**Explanation:** Bad or invalid dce attr name(s) was supplied, for instance wrong name gives to `dce_attr_sch_bind()`

**Action:** Reinvoke the operation with the correct name(s).

**0x14601022 dce\_attr\_s\_bad\_schema\_name**

**Severity:** Varies      **Component:** lib

**Text:** Bad or invalid dce attr schema object name(s)

**Explanation:** Bad or invalid schema object name on which to perform this operation, such as the name is not led by 'xattrschema'.

**Action:** Reinvoke the operation with the correct name(s).

**0x14601024 dce\_attr\_s\_no\_memory**

**Severity:** Varies      **Component:** lib

**Text:** Cannot allocate memory

**Explanation:** Memory allocation operation failed

**Action:** Check memory limits on your machine, and increase available memory, if possible.

**0x14601027 dce\_attr\_s\_not\_implemented**

**Severity:** Varies      **Component:** lib

**Text:** Not yet implemented operation

**Explanation:** The corresponding wire protocol operation has not yet been implemented

**Action:** Reinvoke the operation until the corresponding wire protocol operation is implemented.

**0x14601023 dce\_attr\_s\_unknown\_auth\_info\_type**

**Severity:** Varies      **Component:** lib

**Text:** Unknown auth\_info type.

**Explanation:** When dce\_attr\_xxx\_bind being invoked, a unknown auth\_info type has been supplied. Please refer to dce\_attr\_base.h for all defined auth\_info types.

**Action:** Ensure the right auth\_info type being supplied when invoking the dce\_attr\_xxx\_bind operation.

**0x0000ff03 dce\_cf\_e\_file\_open**

**Severity:** Varies      **Component:** cfg

**Text:** File open failed

**Explanation:** Unable to open configuration file.

**Action:** Verify that the file exists and has the correct access permission and retry the operation.

**0x0000ff01 dce\_cf\_e\_no\_match**

**Severity:** Varies      **Component:** cfg

**Text:** No match found

**Explanation:** No match for the specified host name was found.

**Action:** Verify the host name and retry the operation.

**0x0000ff02 dce\_cf\_e\_no\_mem**

**Severity:** Varies      **Component:** cfg

**Text:** Out of memory

**Explanation:** Unable to allocate sufficient memory to return value.

**Action:** Increase the swap or paging space or acquire more physical memory. Also check the program for bugs that resulted in bad pointers corrupting the heap allocation area.

**0x00000000 dce\_cf\_st\_ok**

**Severity:** Varies      **Component:** cfg

**Text:** Successful completion

**Explanation:** Requested configuration routine succeeded.

**Action:** None required.

**0x16c9a124 dce\_cs\_c\_cannot\_allocate\_memory**

**Severity:** Varies      **Component:** rpc

**Text:** Cannot allocate memory for code set info

**Explanation:** Memory allocation failed within the code set registry access routines.

**Action:** If the failure is caused by overuse of underlying system resources (for example, address space or swap space), reduce the application's direct use of these resources if possible.

**0x16c9a122 dce\_cs\_c\_cannot\_open\_file**

**Severity:** Varies      **Component:** rpc

**Text:** Cannot open the code set registry file



**Explanation:** The code set registry file could not be opened. The pathname to the code set registry file may have been specified incorrectly, or the file's permissions may have prevented access.

**Action:** Check permissions on the code set registry file. If the code set registry is not in the default location, use the **dce\_cf\_get\_csrgy\_filename** routine to get the correct path name.

**0x16c9a123 dce\_cs\_c\_cannot\_read\_file**

**Severity:** Varies      **Component:** rpc

**Text:** Cannot read the code set registry file

**Explanation:** A read error occurred when reading the code set registry.

**Action:** This is probably a problem in the underlying operating system. Check that the file can be read, or notify your system administrator.

**0x16c9a121 dce\_cs\_c\_notfound**

**Severity:** Varies      **Component:** rpc

**Text:** No local code set name exists in the code set registry

**Explanation:** The code set registry ID value **rgy\_code\_set\_value** passed to an **rpc\_rgy\_\*** or **dce\_cs\_\*** routine did not have a corresponding locale code set name. This implies the code set is not supported in your environment.

**Action:** Application dependent.

**0x16c9a11f dce\_cs\_c\_ok**

**Severity:** Varies      **Component:** rpc

**Text:** Code set registry access succeeded.

**Explanation:** Code set registry access operation succeeded.

**Action:** None required.

**0x16c9a120 dce\_cs\_c\_unknown**

**Severity:** Varies      **Component:** rpc

**Text:** Value not found in the code set registry

**Explanation:** The requested value, for example local code set name or registry code set value, was not found in the code set registry.

**Action:** Application dependent.

**0x113db0ce dced\_s\_already\_exists**

**Severity:** Varies      **Component:** dhd

**Text:** Cannot create object; already exists

**Explanation:** When trying to create a dced object, one with that UUID or name was found to already exist.

**Action:** Use a different UUID, remove the existing object, or use the existing object.

**0x113db325 dced\_s\_attr\_acl\_bad\_permset**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid permission set specified

**Explanation:** The acl permission set is invalid for this acl manager type.

**Action:** Make sure the right acl permission set is used for this acl manager type.

**0x113db323 dced\_s\_attr\_bad\_acl\_mgr\_set**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid acl\_mgr\_set specified

**Explanation:** A NULL acl\_mgr\_set in a scheme\_entry to be created has been supplied.

**Action:** Make sure the acl\_mgr\_set in a scheme\_entry to be created is specified.

**0x113db322 dced\_s\_attr\_bad\_encoding\_type**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid encoding type specified

**Explanation:** The attribute encoding type in a scheme\_entry to be created is invalid.

**Action:** Check the valid encoding types and make sure to specify a correct one.

**0x113db326 dced\_s\_attr\_bad\_entry\_flag**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid schema entry flag specified

**Explanation:** The schema entry flag in a scheme\_entry to be created is invalid.

**Action:** Check the available schema entry flags and use a correct one.

**0x113db327 dced\_s\_attr\_bad\_intercell\_action**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid intercell action specified

**Explanation:** The intercell action in a scheme\_entry to be created is invalid.

**Action:** Check the available intercell actions and use a correct one.

**0x113db320 dced\_s\_attr\_bad\_name**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid attribute name specified

**Explanation:** A NULL attribute name in a scheme\_entry to be created has been supplied.

**Action:** Make sure the attribute name in a scheme\_entry to be created is not NULL.

**0x113db321 dced\_s\_attr\_bad\_sch\_name**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid attribute schema name specified

**Explanation:** A unsupported attribute schema object has been supplied.

**Action:** Currently dced only supports a single schema object, you can either supply a \"attrschema\" or \"\" as the attr schema object

**0x113db32a dced\_s\_attr\_bad\_trig\_binding**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid trigger binding info specified

**Explanation:** You can not specify NULL, empty, incomplected or wrong binding information.

**Action:** Check the binding information and make sure it's completed and correct.

**0x113db328 dced\_s\_attr\_bad\_trig\_types**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid trigger type specified

**Explanation:** The trigger type in a scheme\_entry to be created is invalid.

**Action:** Check the available trigger types and use a correct one.

**0x113db329 dced\_s\_attr\_bad\_uniq\_query\_accept**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid combination of unique\_flag=true, query trigger, and intercell\_action=accept

**Explanation:** The combination of unique\_flag=true, query trigger, and intercell\_action=accept is not allowed.

**Action:** Don't use this combination.

**0x113db324 dced\_s\_attr\_invalid\_manager\_type**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** Invalid acl manager type specified

**Explanation:** The acl manager type in acl\_mgr\_set of scheme\_entry is invalid.

**Action:** Find out the right acl manager type for dced by daclif i/f. Note that only svrconf object in dced allows new schema entry to be created.

**0x113db32b dced\_s\_attr\_not\_supported\_for\_update**

**Severity:** Error      **Component:** dhd/dhd\_s\_xattrschema

**Text:** The required modification field is not supported

**Explanation:** You have required to modify schema entry fields which are not supported for update.

**Action:** Find all schema entry fields which are unsupported fields for update.

**0x113db064 dced\_s\_bad\_binding**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Bad binding handle

**Explanation:** An incorrect dced binding handle was supplied.

**Action:** Make sure the binding handle matches the dced service requested.

**0x113db190 dced\_s\_bad\_key\_data**

**Severity:** Varies      **Component:** dhd

**Text:** Invalid key data has been supplied

**Explanation:** Either the key type is invalid, or a plain key value was missing.

**Action:** Make sure the key data is correct.

**0x113db0ed dced\_s\_bad\_keydir**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Pre-authentication directory bad

**Explanation:** The pre-authentication key directory **var/security/preauth** does not exist, is not a directory owned by root in group zero, or does not have mode 0711.

**Action:** Check the existence and permissions of the directory, correct them, and restart the server.

**0x113db073 dced\_s\_cannot\_create\_key\_mgmt\_thr**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Cannot create key management thread

**Explanation:** In the function **dce\_server\_sec\_begin()**, the call to **pthread\_create()** failed for key management thread.

**Action:** The global variable **errno** may provide more specific information.

**0x113db074 dced\_s\_cannot\_detach\_key\_mgmt\_thr**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Cannot detach key management thread

**Explanation:** In the function **dce\_server\_sec\_begin()**, the call to **pthread\_detach()** failed for key management thread.

**Action:** The global variable **errno** may provide more specific information.

**0x113db0cb dced\_s\_cant\_open\_storage\_file**

**Severity:** Varies      **Component:** dhd

**Text:** Failed to open file associated with dced object

**Explanation:** When attempting to open a file associated with the dced object, a failure occurred.

**Action:** Ensure that the **storage\_tag** field of the **id** parameter refers to an existing file, and that the file is accessible to the dced process.

**0x113db0cc dced\_s\_cant\_remove\_storage\_file**

**Severity:** Varies      **Component:** dhd

**Text:** Failed to remove file belonging to dced object

**Explanation:** When attempting to remove a file referred to by the dced object, a failure occurred.

**Action:** Ensure that the **storage\_tag** field of the **id** parameter refers to an existing file, and that the file and directory in which it resides is accessible to the dced process.

**0x113db452 dced\_s\_cond\_bcast\_failed**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Could not broadcast condition variable

**Explanation:** A resource required for proper concurrency could not be released. The global variable **errno** may provide more specific information.

**Action:** This is a fatal error. No recovery is possible.

**0x113db44d dced\_s\_cond\_init\_fail**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Could not initialize condition variable

**Explanation:** A resource required for proper concurrency could not be created. The global variable **errno** may provide more specific information.

**Action:** This is a fatal error. No recovery is possible.

**0x113db451 dced\_s\_cond\_signal\_failed**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Could not signal condition variable

**Explanation:** A resource required for proper concurrency could not be released. The global variable **errno** may provide more specific information.

**Action:** This is a fatal error. No recovery is possible.

**0x113db450 dced\_s\_cond\_wait\_failed**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Could not wait on condition variable

**Explanation:** A resource required for proper concurrency could not be accessed. The global variable **errno** may provide more specific information.

**Action:** This is a fatal error. No recovery is possible.

**0x113db071 dced\_s\_data\_unavailable**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Cannot obtain dced server config data

**Explanation:** The server appears to have been started by **dced**, but the requested data could not be obtained.

**Action:** Check for error reports from **dced**.

**0x113db076 dced\_s\_empty\_replist**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** replist field was NULL or empty

**Explanation:** The replist field of an object was not found.

**Action:** Check the data structure and correct the error.

**0x113db0ca dced\_s\_import\_already\_exists**

**Severity:** Varies      **Component:** dhd

**Text:** File already exists on attempt to create dced object

**Explanation:** When attempting to create a dced object specifying that the file not be imported, the file was found. A file cannot exist when specifying no import.

**Action:** Ensure that the **storage\_tag** field of the **id** parameter does not refer to an existing file.

**0x113db0c9 dced\_s\_import\_cant\_access**

**Severity:** Varies      **Component:** dhd

**Text:** Failed to find file on dced import attempt

**Explanation:** When attempting to create a dced object specifying that the file be imported, the file was not found. An existing file is required for import.

**Action:** Ensure that the **storage\_tag** field of the **id** parameter refers to an existing file and that the file is accessible to the dced process.

**0x113db066 dced\_s\_invalid\_arg**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Bad or wrong arguments

**Explanation:** Bad or wrong arguments were supplied.

**Action:** Reinvoke the command with the correct arguments.

**0x113db0cd dced\_s\_invalid\_attr\_type**

**Severity:** Varies      **Component:** dhd

**Text:** Invalid attribute type was specified

**Explanation:** When accessing an attribute, an invalid attribute type was specified. For example, the hostdata service only recognizes **dced\_g\_uuid\_fileattr** and **dced\_g\_uuid\_binfileattr**.

**Action:** Use one of the recognized attribute types.

**0x113db192 dced\_s\_key\_v0\_not\_allowed**

**Severity:** Varies      **Component:** dhd

**Text:** Request for a version zero in this operation not allowed

**Explanation:** An attempt was made to add a key with version 0 (zero) to a key table. This is not allowed.



**Action:** Do not add a key with version 0. You may use the change operation with version 0, which will also update the security registry.

**0x113db191 dced\_s\_key\_version\_mismatch**

**Severity:** Varies      **Component:** dhd

**Text:** Version mismatch between dced key and password record structures

**Explanation:** In a key add or change operation the specified version in the **dced\_key\_t** structure and its enclosed **sec\_passwd\_rec\_t** structure do not match.

**Action:** Be sure the versions in the **dced\_key\_t** and **sec\_passwd\_rec\_t** structures match.

**0x113db44c dced\_s\_mutex\_init\_fail**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Could not initialize mutex

**Explanation:** A resource required for proper concurrency could not be created. The global variable **errno** may provide more specific information.

**Action:** This is a fatal error. No recovery is possible.

**0x113db44e dced\_s\_mutex\_lock\_failed**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Could not lock mutex

**Explanation:** A resource required for proper concurrency could not be locked. The global variable **errno** may provide more specific information.

**Action:** This is a fatal error. No recovery is possible.

**0x113db44f dced\_s\_mutex\_unlock\_failed**

**Severity:** Fatal      **Component:** dhd/dhd\_s\_general

**Text:** Could not unlock mutex

**Explanation:** A resource required for proper concurrency could not be unlocked. The global variable **errno** may provide more specific information.

**Action:** This is a fatal error. No recovery is possible.

**0x113db072 dced\_s\_name\_missing**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Name field was NULL or empty

**Explanation:** The name field of an object (usually passed in as part of a **create** operation) was not specified.

**Action:** Check the data structure and correct the error.

**0x113db06f dced\_s\_need\_one\_server\_prin**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Exactly one server principal required

**Explanation:** Exactly one server principal is required to be in the principal list in the **server\_t** structure that is accessed by **dce\_server\_sec\_begin()**. Either zero or more than one were found.

**Action:** Check the this server's **srvrconf** data to make sure that exactly one server principal is listed.

**0x113db194 dced\_s\_need\_privacy**

**Severity:** Varies      **Component:** dhd

**Text:** Permission denied without proper protection level.

**Explanation:** An attempt was made to perform a remote keytab operation without using **rpc\_c\_protect\_level\_pkt\_privacy**. This is not allowed.

**Action:** Either use protection level **rpc\_c\_protect\_level\_pkt\_privacy** or disable the check with appropriate command line flag to dced.

**0x113db065 dced\_s\_no\_memory**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Cannot allocate memory

**Explanation:** Memory allocation operation failed

**Action:** Check memory limits on your machine, and increase available memory, if possible.

**0x113db067 dced\_s\_no\_more\_entries**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** No more dced entries available

**Explanation:** All available entries have been exhausted.

**Action:** No action is required.

**0x113db12c dced\_s\_no\_postprocessors**

**Severity:** Varies      **Component:** dhd

**Text:** No postprocessors have been defined

**Explanation:** The postprocessor item in the hostdata database has not been defined. This condition always occurs the first time **dced** is run on a host or if it is explicitly deleted.

**Action:** If you do not need postprocessors, no action necessary. If you need them, create the postprocessors object in the hostdata database (with the well-know UUID and name) and create the corresponding file.

**0x113db070 dced\_s\_no\_server\_keyfile**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Server keytab file name not found

**Explanation:** A server keytab file name was not found by **dce\_server\_sec\_begin()**. The keytab file name is passed by **dced** via an environment variable.

**Action:** Check the this server's **svrconf** data to make sure that a key file is specified.

**0x113db069 dced\_s\_no\_support**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Not a supported request

**Explanation:** The request is not supported or available.

**Action:** Use only supported operations for this service.

**0x113db068 dced\_s\_not\_found**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Cannot find a matching object.

**Explanation:** A matching object could not be found. This may only be informational, depending on whether or not a match was expected.

**Action:** If a match was required, provide a name or UUID of the matching object, or first create that entry. If not, no action is required.

**0x113db06e dced\_s\_not\_started\_by\_dced**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Server was not started by dced

**Explanation:** The server does not appear to have been started by **dced**. **dced** sets several environment variables which are available to servers started by it. One of those variables was not found.

**Action:** Check the **svrconf** data to make sure that the server can be started and, if so, start it.

**0x113db516 dced\_s\_pkcache\_cell\_invalid**

**Severity:** Error      **Component:** dhd/dhd\_s\_pkcache

**Text:** cell name invalid

**Explanation:** The cell name requested is too long to form a valid krbtgt principal name.

**Action:** Create shorter cellname alias for target cell.

**0x113db518 dced\_s\_pkcache\_key\_fresh**

**Severity:** Error      **Component:** dhd/dhd\_s\_pkcache

**Text:** public key cache is fresh

**Explanation:** The cache file for the requested cell's krbtgt public key has been updated within the past 5 minutes

**Action:** Either wait five minutes and request update again, or read cached key value using the **sec\_pubkey\_retrieve\_kdc\_key** interface.

**0x113db515 dced\_s\_pkcache\_key\_write\_failure**

**Severity:** Error      **Component:** dhd/dhd\_s\_pkcache

**Text:** Cache of KDC key failed.

**Explanation:** Some error occurred during the attempt to write the public key of the KDC into the file cache.

**Action:** None.

**0x113db517 dced\_s\_pkcache\_mkdir\_error**

**Severity:** Error      **Component:** dhd/dhd\_s\_pkcache

**Text:** directory creation error

**Explanation:** Unable to create a directory component of the KDC cache file path.

**Action:** Check permissions on DCELOCAL/etc/security to ensure root can create directories and files there.

**0x113db514 dced\_s\_pkcache\_usage\_unsupp**

**Severity:** Error      **Component:** dhd/dhd\_s\_pkcache

**Text:** Public key usage type unsupported.

**Explanation:** sec\_login has requested an invalid usage type for a KDC key. Usage type must be sec\_pk\_usage\_digitalSignature

**Action:** Make sure libdce and dced are from the same release.

**0x113db130 dced\_s\_postprocessor\_bad**

**Severity:** Error      **Component:** dhd/dhd\_s\_hostdata

**Text:** Postprocessor for *name* exited with status %d

**Explanation:** The post-processor for the hostdata item with the specified name exited with a non-zero status.

**Action:** Examine the post-processor and take the appropriate corrective action.

**0x113db12d dced\_s\_postprocessor\_file\_fail**

**Severity:** Varies      **Component:** dhd

**Text:** Failed to open the hostdata postprocessor list file

**Explanation:** The hostdata postprocessor list file could not be opened. The global variable **errno** may provide more specific information.

**Action:** Ensure that the **storage\_tag** field of the entry in the hostdata database refers to an existing file and that the file is readable to the dced process.

**0x113db12f dced\_s\_postprocessor\_ok**

**Severity:** Notice      **Component:** dhd/dhd\_s\_hostdata

**Text:** Postprocessor for *name* completed successfully

**Explanation:** The post-processor for the hostdata item with the specified name completed successfully.

**Action:** None required

**0x113db12e dced\_s\_postprocessor\_spawn\_fail**

**Severity:** Varies      **Component:** dhd

**Text:** Could not spawn the postprocessor program

**Explanation:** The system could not spawn (i.e., fork/exec) the program specified in the postprocessor file for the hostdata object. The global variable **errno** may provide more specific information.

**Action:** Ensure that the postprocessor points to a valid program, and that there are enough system resource (e.g., swap space) to spawn the program.

**0x113db193 dced\_s\_random\_key\_not\_allowed**

**Severity:** Varies      **Component:** dhd

**Text:** Request for a random key in this operation not allowed

**Explanation:** An attempt was made to add a random key to a key table. This is not allowed.

**Action:** Do not add a random key. You may use the change operation with a random key, which will also update the security registry.

**0x113db1f5 dced\_s\_sc\_cant\_fork**

**Severity:** Varies      **Component:** dhd

**Text:** Cannot fork to start server

**Explanation:** The fork system call failed.

**Action:** The global variable **errno** may provide more specific information.

**0x113db1f4 dced\_s\_sc\_invalid\_attr\_type**

**Severity:** Varies      **Component:** dhd

**Text:** Invalid attribute trying to start server

**Explanation:** While trying to start a server, dced found an invalid attribute, or an attribute that has an invalid type.

**Action:** Verify that all the attributes in the **srvrconf** object are correct. For example, the environment attribute must be a string array.

**0x113db1f7 dced\_s\_sc\_open\_file\_failed**

**Severity:** Error      **Component:** dhd/dhd\_s\_srvrconf

**Text:** The fopen() call failed during srvrconf\_start, errno = %d

**Explanation:** The **fopen** system call failed while setting up the encoded server configuration data file for a server.

**Action:** Verify that dced's private directory exists and that dced has write access to it. The global variable **errno** may provide more specific information.

**0x113db1f6 dced\_s\_sc\_setup\_failed**

**Severity:** Varies      **Component:** dhd

**Text:** The **func** system call failed

**Explanation:** The **func** system call failed while setting up the execution environment for a server.

**Action:** Verify that the server's attributes are correct.

**0x113db075 dced\_s\_server\_attr\_not\_found**

**Severity:** Warning      **Component:** dhd/dhd\_s\_general

**Text:** Cannot find desired attribute in server\_t structure

**Explanation:** In the function **dce\_server\_inq\_attr()**, the requested attribute was not found in the list of attributes in the **server\_t** structure.

**Action:** Add the attribute to the **srvrconf** object. This is not necessarily an error; it may be information.

**0x113db453 dced\_s\_startup\_interrupted**

**Severity:** Varies      **Component:** dhd

**Text:** Initialization was interrupted.

**Explanation:** The server received a signal or a fatal error happened while in the initialization phase.

**Action:** Correct the indicated error and restart the server.

**0x113db2bc dced\_s\_sv\_already\_enabled**

**Severity:** Varies      **Component:** dhd

**Text:** secval service already enabled

**Explanation:** The secval service was already enabled.

**Action:** No action necessary. Do not try to enable the secval service unless it is disabled.

**0x113db2bd dced\_s\_sv\_not\_enabled**

**Severity:** Varies      **Component:** dhd

**Text:** secval service is not enabled

**Explanation:** The secval service is not enabled.

**Action:** No action necessary. Do not try to disable the secval service unless it is enabled.

**0x113db2c4 dced\_s\_sv\_update\_pe\_site\_fail**

**Severity:** Error      **Component:** dhd/dhd\_s\_secval

**Text:** secval service failed to update the pe\_site status=**code**

**Explanation:** The secval service failed to update the pe\_site file.

**Action:** Action varies based on results of failure.

**0x113db258 dced\_s\_sx\_missing\_instance**

**Severity:** Varies      **Component:** dhd

**Text:** NULL or nil UUID for server instance



**Explanation:** The `srvrexec_started` call requires an instance uuid.

**Action:** Fix the server code.

**0x113db06a dced\_s\_unknown\_attr\_type**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Unknown dced attribute type

**Explanation:** The dced attribute type supplied is unknown.

**Action:** Use only supported dced attribute types.

**0x113db06b dced\_s\_unknown\_list\_type**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Unknown dced list type

**Explanation:** The dced list type supplied is unknown.

**Action:** Use only supported dced list types.

**0x113db06c dced\_s\_unknown\_object\_type**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Unknown dced object type

**Explanation:** The dced object type supplied is unknown.

**Action:** Use only supported dced object types.

**0x113db06d dced\_s\_unknown\_service**

**Severity:** Error      **Component:** dhd/dhd\_s\_general

**Text:** Unknown dced service

**Explanation:** The dced service requested is unknown.

**Action:** Use only available dced services.

**0x1131f376 dcp\_s\_acl\_could\_not\_bind**

**Severity:** Varies      **Component:** dcp

**Text:** Could not bind to the specified object

**Explanation:** The specified object does not export an ACL interface or a failure occurred while binding to it.

**Action:** Enter an object that exports an ACL interface.

**0x1131f385 dcp\_s\_acl\_entry\_already\_exists**

**Severity:** Varies      **Component:** dcp

**Text:** ACL entry exists.

**Explanation:** The entry specified to be added already exists.

**Action:** Invoke the **acl show** operation for a list of existing ACL entries. Reenter the command with a new ACL entry or change the existing one.

**0x1131f384 dcp\_s\_acl\_entry\_not\_found**

**Severity:** Varies      **Component:** dcp

**Text:** ACL entry not found.

**Explanation:** The entry specified to be removed or changed does not exist.

**Action:** Invoke the **acl show** operation for a list of existing ACL entries. Reenter the command with an existing ACL entry.

**0x1131f389 dcp\_s\_acl\_inv\_cell\_name**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid default cell name.

**Explanation:** The default cell name specified failed validation.

**Action:** Reenter the command with a valid cell name.

**0x1131f381 dcp\_s\_acl\_inv\_entry**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid ACL entry.

**Explanation:** The ACL entry specified failed validation.

**Action:** Reenter the command with a valid ACL entry.

**0x1131f383 dcp\_s\_acl\_inv\_entry\_key**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid ACL entry key.

**Explanation:** The ACL entry key specified failed validation.

**Action:** Reenter the command with a valid ACL entry key.

**0x1131f382 dcp\_s\_acl\_inv\_entry\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid ACL entry type.

**Explanation:** The ACL entry type specified failed validation.

**Action:** Reenter the command with a valid ACL entry type.

**0x1131f37c dcp\_s\_acl\_inv\_mask\_option\_value**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid '-mask' option value.

**Explanation:** A value other than *nocalc* or *calc* was used with **-mask** option.

**Action:** Reenter the command with a value of *nocalc* or *calc* for the **-mask** option.

**0x1131f386 dcp\_s\_acl\_mask\_obj\_specified**

**Severity:** Varies      **Component:** dcp

**Text:** A 'mask\_obj' entry and '-mask' option were both intentionally specified.

**Explanation:** A mask\_obj entry was intentionally specified to be added or changed and **-mask** option was also specified.

**Action:** Reenter the command with either the **-mask** option or the mask\_obj entry.

**0x1131f379 dcp\_s\_acl\_mgr\_not\_found**

**Severity:** Varies      **Component:** dcp

**Text:** ACL manager name specified not found.

**Explanation:** The command did not contain a valid ACL manager name to use.

**Action:** Reenter the command with a valid ACL manager name.

**0x1131f380 dcp\_s\_acl\_new\_mask\_obj\_failed**

**Severity:** Varies      **Component:** dcp

**Text:** New 'mask\_obj' entry failed.

**Explanation:** The new mask\_obj entry was not applied and the ACL was not modified.

**Action:** More memory is needed for an additional mask\_obj ACL entry.

**0x1131f37a dcp\_s\_acl\_no\_acl\_modify\_op**

**Severity:** Varies      **Component:** dcp

**Text:** Requires more options.

**Explanation:** An attempt was made to modify an ACL, but no **-add**, **-cell**, **-change**, **-purge**, or **-remove** options were included.

**Action:** Reenter the command with additional desired options.

**0x1131f387 dcp\_s\_acl\_no\_acl\_replace\_op**

**Severity:** Varies      **Component:** dcp

**Text:** The '-acl' option is required.

**Explanation:** An attempt was made to replace an entire ACL, but no ACL entries were included with the **-acl** option.

**Action:** Reenter the command with entries from the **-acl** option.

**0x1131f37b dcp\_s\_acl\_no\_mask\_with\_option**

**Severity:** Varies      **Component:** dcp

**Text:** Mask option used without '-add' or '-change' option.

**Explanation:** An attempt was made to modify an ACL, but the **-mask** option is only valid with the **-add** or **-change** option.

**Action:** Reenter the command with an ACL entry add and/or change operation.

**0x1131f375 dcp\_s\_acl\_no\_object**

**Severity:** Varies      **Component:** dcp

**Text:** ACL object not specified.

**Explanation:** The command did not contain the name of the object to operate on.

**Action:** Reenter the command with an object.

**0x1131f377 dcp\_s\_acl\_not\_rpc\_entry**

**Severity:** Varies      **Component:** dcp

**Text:** Cannot import from CDS entry, try '-entry' option.

**Explanation:** The command did not specify the correct ACL to operate on.

**Action:** Reenter the command with the **-entry** option.

**0x1131f37d dcp\_s\_acl\_one\_cell\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** Too many cell attributes.

**Explanation:** More than one value was given for **-cell** option.

**Action:** Reenter the command with only one default cell value.

**0x1131f388 dcp\_s\_acl\_replace\_dup\_entries**

**Severity:** Varies      **Component:** dcp

**Text:** Duplicate ACL entries are not allowed.

**Explanation:** An attempt was made to replace an entire ACL, but duplicate ACL entries were included with the **-acl** option.

**Action:** Reenter the command with no duplicate entries on the **-acl** option.

**0x1131f37f dcp\_s\_acl\_would\_grant\_perms**

**Severity:** Varies      **Component:** dcp

**Text:** Unintended permissions not granted.

**Explanation:** An attempt was made to modify an ACL that would grant some new right without using the **-mask** option.

**Action:** Reenter the command with **-mask** option.

**0x1131f013 dcp\_s\_ambiguous\_arg**

**Severity:** Varies      **Component:** dcp

**Text:** Ambiguous argument '%s':

**Explanation:** The supplied argument is not unique.

**Action:** Retype the command with a valid argument.

**0x1131f014 dcp\_s\_attr\_not\_unique**

**Severity:** Varies      **Component:** dcp

**Text:** The string '%s' is not a unique attribute name.

**Explanation:** The supplied attribute name is not unique.

**Action:** Retype the command with a valid argument.

**0x1131f3aa dcp\_s\_aud\_cannot\_open\_trail\_file**

**Severity:** Varies      **Component:** dcp

**Text:** Cannot open audit trail file '%s'.

**Explanation:** The audit api call used to open the audit trail file failed.

**Action:** Check to see if the specified file exists, and if the file has the correct permissions.

**0x1131f3a7 dcp\_s\_aud\_dmn\_binding\_file\_open\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not open daemon binding file '%s'.

**Explanation:** The system call to open the daemon binding file on the local filesystem for reading failed.

**Action:** Check to see if the specified file exists and has the correct permissions for reading. The audit daemon creates this file upon startup. Check to make sure that the audit daemon is running.

**0x1131f3b1 dcp\_s\_aud\_empty\_ec\_list**

**Severity:** Varies      **Component:** dcp

**Text:** No event classes were found.

**Explanation:** No event classes were found during the lookup.

**Action:** Contact a dce administrator and report bug.

**0x1131f3b3 dcp\_s\_audevents\_get\_events\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not get event classes.

**Explanation:** Could not get the list of event classes from the daemon.

**Action:** Check to see if the audit daemon is functioning.

**0x1131f3bc dcp\_s\_audfilter\_create\_need\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** The '-attribute' option is required.

**Explanation:** The user did not specify the required option -attribute.

**Action:** Retype the command with the -attribute option.

**0x1131f3b6 dcp\_s\_audfilter\_extra\_key**

**Severity:** Varies      **Component:** dcp

**Text:** The supplied filter type '%s' does not take a key.

**Explanation:** A filter type that does not take a key was supplied with one.

**Action:** Retype the command with a valid list of filters and keys.

**0x1131f3b9 dcp\_s\_audfilter\_invalid\_action**

**Severity:** Varies      **Component:** dcp

**Text:** The audit action '%s' is not valid.

**Explanation:** The supplied audit action is not valid.

**Action:** Retype the command with a valid audit action.

**0x1131f3b8 dcp\_s\_audfilter\_invalid\_condition**

**Severity:** Varies      **Component:** dcp

**Text:** The audit condition '%s' is not valid.

**Explanation:** The supplied audit condition is not valid.

**Action:** Retype the command with a valid audit condition.

**0x1131f3ba dcp\_s\_audfilter\_invalid\_ec**

**Severity:** Varies      **Component:** dcp  
**Text:** The event class '%s' is not valid.  
**Explanation:** The supplied event class is not valid.  
**Action:** Retype the command with a valid event class.

**0x1131f3b4 dcp\_s\_audfilter\_invalid\_type**

**Severity:** Varies      **Component:** dcp  
**Text:** The filter type '%s' is not valid.  
**Explanation:** The supplied filter type is not valid.  
**Action:** Retype the command with a valid filter type.

**0x1131f3bb dcp\_s\_audfilter\_modify\_need\_option**

**Severity:** Varies      **Component:** dcp  
**Text:** At least one of the options '-add' or '-remove' is required.  
**Explanation:** The user did not specify one of the required options.  
**Action:** Retype the command specifying either -add, -remove or both.

**0x1131f3b5 dcp\_s\_audfilter\_need\_key**

**Severity:** Varies      **Component:** dcp  
**Text:** The specified filter type '%s' requires a key.  
**Explanation:** A filter type requiring a key was supplied without one.  
**Action:** Retype the command with a valid list of filters and keys.

**0x1131f3b7 dcp\_s\_audfilter\_no\_filter**

**Severity:** Varies      **Component:** dcp  
**Text:** No filter found.  
**Explanation:** No filters exist for the supplied filter type and key.  
**Action:** Use a filter type that has filters associated with it.



**0x1131f3a8 dcp\_s\_aud\_id\_file\_open\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not open daemon identity file '%s'.

**Explanation:** The system call to open the daemon identity file on the local filesystem for reading failed.

**Action:** Check to see if the specified file exists and has the correct permissions for reading. The audit daemon creates this file upon startup. Check to make sure that the audit daemon is running.

**0x1131f3a9 dcp\_s\_aud\_id\_file\_read\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not read from daemon identity file '%s'.

**Explanation:** The system call to read from the daemon identity file on the local filesystem for reading failed.

**Action:** Check to see if the specified file exists and is not empty. The audit daemon creates this file upon startup. Check to make sure that the audit daemon is running.

**0x1131f3ae dcp\_s\_aud\_modify\_bad\_state**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' for the 'state' attribute is not valid.

**Explanation:** The user entered an invalid value for the state attribute.

**Action:** Retype the command with valid attribute data.

**0x1131f3ac dcp\_s\_aud\_modify\_bad\_stostrategy**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' for the 'stostrategy' attribute is not valid.

**Explanation:** The user entered an invalid stostrategy value.

**Action:** Retype the command with valid attribute data.

**0x1131f3ad dcp\_s\_aud\_modify\_need\_opt**

**Severity:** Varies      **Component:** dcp

**Text:** The command requires one of the '-state', '-ststrategy' or '-change' options.

**Explanation:** The user did not type the command with one of the required options.

**Action:** Retype the command with one or more of the valid options.

**0x1131f3af dcp\_s\_aud\_show\_state\_invalid**

**Severity:** Varies      **Component:** dcp

**Text:** An invalid state was returned from the server.

**Explanation:** The server returned an unrecognized value for the **state** attribute.

**Action:** Contact a dce administrator.

**0x1131f3b0 dcp\_s\_aud\_show\_ststrategy\_invalid**

**Severity:** Varies      **Component:** dcp

**Text:** An invalid storage strategy was returned from the server.

**Explanation:** The server returned an unrecognized value for the storage strategy attribute.

**Action:** Contact a dce administrator.

**0x1131f3ab dcp\_s\_aud\_trail\_file\_corrupt**

**Severity:** Varies      **Component:** dcp

**Text:** Audit trail file '%s' is corrupt.

**Explanation:** The audit api call used to read the audit trail file failed due to some unknown corruption in the trail file itself.

**Action:** Check to see if the specified file is in the correct format.

**0x1131f3b2 dcp\_s\_audtrail\_outfile\_open\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not open '%s' for output.

**Explanation:** Could not open the specified output file.

**Action:** Verify the path specified to the output file is valid, and that you have permission to create a file and write to it in that location.

**0x1131f008 dcp\_s\_bad\_arg**

**Severity:** Varies      **Component:** dcp

**Text:** Unrecognized argument '%s'.

**Explanation:** The command received an unrecognized argument.

**Action:** Retype the command with correct arguments.

**0x1131f00b dcp\_s\_bad\_arg\_list**

**Severity:** Varies      **Component:** dcp

**Text:** Command does not accept a list of names as argument.

**Explanation:** A list was provided to a command that requires a single value.

**Action:** Retype the command with correct arguments.

**0x1131f015 dcp\_s\_bad\_arg\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Bad argument type '%d' in '%s'.

**Explanation:** User error, enter a valid argument type.

**Action:** Retype the command with a valid argument.

**0x1131f016 dcp\_s\_bad\_attribute**

**Severity:** Varies      **Component:** dcp

**Text:** Unknown attribute '%s'.

**Explanation:** The user entered an unknown attribute in an attribute list.

**Action:** Retype the command with valid attributes.

**0x1131f017 dcp\_s\_bad\_opt**

**Severity:** Varies      **Component:** dcp

**Text:** Unrecognized option '%s'.

**Explanation:** The command received an unrecognized option.

**Action:** Retype the command with a valid option.

**0x1131f030 dcp\_s\_bad\_signal\_format**

**Severity:** Varies      **Component:** dcp

**Text:** Bad signal trap formatting specification '%s', expected one of '%%' or '\045S'.

**Explanation:** Setting the signal action failed.

**Action:** Make sure that Tcl is built correctly for your system.

**0x1131f00c dcp\_s\_bad\_use\_of\_local**

**Severity:** Varies      **Component:** dcp

**Text:** The '-local' option can only be used when dced and dcecp are in 'local' mode.

**Explanation:** In order to use the '-local' option, dcecp must have been invoked with the '-local' option also, and dced must be running in partial service mode, which allows it to accept local-only operations.

**Action:** Make sure dced is running in partial service mode, and that dcecp is invoked with the '-local' option.

**0x1131f15a dcp\_s\_cadump\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** The cache dump failed in an indeterministic mode.

**Explanation:** The **cadump** routine, called by the **cdscache dump** command, does not provide information to the calling function with regard to failure mode.

**Action:** Contact the administrator.

**0x1131f15b dcp\_s\_cadump\_not\_root**

**Severity:** Varies      **Component:** dcp

**Text:** This command can be executed as user 'root'.

**Explanation:** The **cadump** routine, called by the **cdscache dump** command, does not provide information to the calling function with regard to failure mode.

**Action:** Contact the administrator.

**0x1131f15d dcp\_s\_cds\_bad\_attribute\_list**

**Severity:** Varies      **Component:** dcp

**Text:** The attribute list syntax is invalid.

**Explanation:** The attribute list must contain pairs of entries *{attribute value}*..

**Action:** The attribute list syntax must be of the form *{attribute value}*. The *attribute* element is an attribute type, usually a string name. It can in some cases be an OID or a UUID. The *value* element is either a single value or multiple values. Reenter the command using the correct syntax.

**0x1131f15e dcp\_s\_cds\_bad\_attribute\_name**

**Severity:** Varies      **Component:** dcp

**Text:** The attribute name is not a recognized attribute.

**Explanation:** The attribute name was not recognized for the command.

**Action:** Check the documentation for a list of valid attributes and values for the command.

**0x1131f15f dcp\_s\_cds\_bad\_attribute\_type**

**Severity:** Varies      **Component:** dcp

**Text:** The attribute '%s' should be a multi-valued attribute type.

**Explanation:** The user attempted to perform an operation designed for multi-valued attribute on a single-valued attribute.

**Action:** Reenter the command. It may be possible to remove the entire attribute.

**0x1131f162 dcp\_s\_cds\_bad\_timeout\_value**

**Severity:** Varies      **Component:** dcp

**Text:** Illegal number of timeout values specified.

**Explanation:** The user tried to put in more than one timeout value.

**Action:** Reenter the command using a legal timeout value.

**0x1131f158 dcp\_s\_cds\_cache\_show**

**Severity:** Varies      **Component:** dcp

**Text:** No clearinghouse or server option specified.

**Explanation:** The **show** operation requires the **-server** or **-clearinghouse** option.

**Action:** Reenter the command with either the **-server** or **-clearinghouse** option.

**0x1131f14f dcp\_s\_cds\_clh\_replica\_option**

**Severity:** Varies      **Component:** dcp

**Text:** The '-clearinghouse' option is invalid without the '-replica' option.

**Explanation:** The **-replica** and **-clearinghouse** options must be used together.

**Action:** Retype the command with a consistent set of options.

**0x1131f13e dcp\_s\_cds\_dir\_created**

**Severity:** Varies      **Component:** dcp

**Text:** The directory '%s' was created.

**Explanation:** The directory was created despite a failure to add an attribute.

**Action:** None required.

**0x1131f13f dcp\_s\_cds\_dir\_not\_created**

**Severity:** Varies      **Component:** dcp

**Text:** The directory '%s' was not created.

**Explanation:** The directory was not created because of a failure to add an attribute.

**Action:** None required.

**0x1131f141 dcp\_s\_cds\_fname\_too\_long**

**Severity:** Varies      **Component:** dcp

**Text:** The CDS name '%s' is too long.

**Explanation:** The user supplied a **cds** name that is invalid because it is too long.

**Action:** Retype the command with a valid CDS name.

**0x1131f14e dcp\_s\_cds\_force\_replica\_option**

**Severity:** Varies      **Component:** dcp

**Text:** The '-force' option cannot be used with the '-replica' and '-clearinghouse' options.

**Explanation:** The **-replica** and **-clearinghouse** options may not be specified with **delete -force**.

**Action:** Retype the command with a consistent set of options.

**0x1131f15c dcp\_s\_cds\_ill\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** Attribute value is illegal.

**Explanation:** An attribute value was provided that is illegal for the given attribute.

**Action:** Reenter the command with a legal value.

**0x1131f159 dcp\_s\_cds\_illegal\_byte\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** Illegal attribute value for cdsbyte style attribute.

**Explanation:** The *cdsbyte* type attribute must contain only hexadecimal value characters.

**Action:** Reenter the command with an appropriate value for the attribute.

**0x1131f136 dcp\_s\_cds\_internal\_error**

**Severity:** Varies      **Component:** dcp

**Text:** CDS display internal error.

**Explanation:** There is an internal error in the cds or cdsclient functionality.

**Action:** Reenter the command with legal cds information.

**0x1131f151 dcp\_s\_cds\_invalid\_confidence**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid confidence level. Must be 'low', 'medium', or 'high'.

**Explanation:** An invalid confidence level was specified.

**Action:** Specify a valid confidence level on the command line.

**0x1131f150 dcp\_s\_cds\_merge\_no\_target**

**Severity:** Varies      **Component:** dcp

**Text:** No target directory specified.

**Explanation:** The **-into** option must be specified with **merge**.

**Action:** Retype the command with a consistent set of options.

**0x1131f142 dcp\_s\_cds\_no\_attr\_list\_value**

**Severity:** Varies      **Component:** dcp

**Text:** No values exist in the attribute list.

**Explanation:** The function attempted to format a list of **cds** attributes when no attributes existed in the list.

**Action:** Verify that attribute entries exist for the object specified.

**0x1131f140 dcp\_s\_cds\_no\_binding\_specified**

**Severity:** Varies      **Component:** dcp

**Text:** No binding value was specified.

**Explanation:** The cache create command requires a binding value.

**Action:** Reenter the command with a binding value specified.

**0x1131f156 dcp\_s\_cds\_no\_cache\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No cache name specified.

**Explanation:** The operation requires a cache name.

**Action:** Reenter the command with a cache name.

**0x1131f157 dcp\_s\_cds\_no\_cache\_server**

**Severity:** Varies      **Component:** dcp

**Text:** Cache server '%s' not found.

**Explanation:** The cache server name was not found.

**Action:** Reenter the command with a different cache server name.



**0x1131f154 dcp\_s\_cds\_no\_cdsalias\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No cell alias name.

**Explanation:** No cell alias name was provided.

**Action:** Reenter the command with a cell alias name.

**0x1131f134 dcp\_s\_cds\_no\_cds\_client**

**Severity:** Varies      **Component:** dcp

**Text:** The name of the CDS client to operate on must be specified.

**Explanation:** A CDS client name is required to run this command.

**Action:** Run the command again specifying a CDS client name.

**0x1131f133 dcp\_s\_cds\_no\_cds\_server**

**Severity:** Varies      **Component:** dcp

**Text:** The name of the CDS server to operate on must be specified.

**Explanation:** A CDS server name is required to run this command.

**Action:** Run the command again specifying a CDS server name.

**0x1131f160 dcp\_s\_cds\_no\_checkpoint**

**Severity:** Varies      **Component:** dcp

**Text:** The '-checkpoint' option is required.

**Explanation:** The user attempted to initiate an action on a specified clearinghouse yet failed to indicate which action to initiate.

**Action:** Reissue the command with the *-checkpoint* option.

**0x1131f152 dcp\_s\_cds\_no\_clearinghouse\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No clearinghouse name.

**Explanation:** No clearinghouse name was provided.

**Action:** Reenter the command with a clearinghouse name.

**0x1131f14c dcp\_s\_cds\_no\_clearinghouse\_option**

**Severity:** Varies      **Component:** dcp

**Text:** Clearinghouse name not provided.

**Explanation:** The operation requires the **-clearinghouse** option.

**Action:** Retype the command with the **-clearinghouse** option.

**0x1131f147 dcp\_s\_cds\_no\_dir\_mod\_operation**

**Severity:** Varies      **Component:** dcp

**Text:** Option not specified.

**Explanation:** The **directory modify** command requires one or more options.

**Action:** Retype the command with one or more of the following options: **-add**, **-remove**, **-change** or **-master**.

**0x1131f13d dcp\_s\_cds\_no\_dir\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No directory name.

**Explanation:** The **directory** object was missing a directory name.

**Action:** The **directory** object takes a list of directory names as an argument. The names must be directory names. Reenter the command with a valid directory name.

**0x1131f13c dcp\_s\_cds\_no\_handle**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to retrieve cds handle.

**Explanation:** The cds handle can not be retrieved within the function.

**Action:** Reenter the command with different parameters.

**0x1131f14b dcp\_s\_cds\_no\_link\_mod\_operation**

**Severity:** Varies      **Component:** dcp

**Text:** Option not specified.

**Explanation:** The **link modify** command requires one or more options.

**Action:** Retype the command with one or more of the following options: **-add**, **-remove**, or **-change**.

**0x1131f144 dcp\_s\_cds\_no\_link\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No link name.

**Explanation:** The **link** object was missing a link name.

**Action:** The **link** object takes a list of link names as an argument. The names must be link names. Reenter the command with a valid link name.

**0x1131f146 dcp\_s\_cds\_no\_linkto\_value**

**Severity:** Varies      **Component:** dcp

**Text:** The directory to link to not specified.

**Explanation:** The **-to** option is required with the **link create** command.

**Action:** Retype the command with the required **-to** option.

**0x1131f155 dcp\_s\_cds\_no\_member**

**Severity:** Varies      **Component:** dcp

**Text:** Member name not specified.

**Explanation:** The operation requires the **-member** option.

**Action:** Reenter the command with the **-member** option.

**0x1131f145 dcp\_s\_cds\_no\_obj\_mod\_operation**

**Severity:** Varies      **Component:** dcp

**Text:** Option not specified.

**Explanation:** The **object modify** command requires one or more options.

**Action:** Retype the command with one or more of the following options: **-add**, **-remove**, or **-change**.

**0x1131f143 dcp\_s\_cds\_no\_obj\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No object name.

**Explanation:** The **object** object was missing an object name.

**Action:** The **object** object takes a list of object names as an argument. The names must be object names. Reenter the command with a valid object name.

**0x1131f161 dcp\_s\_cds\_no\_timestamps**

**Severity:** Varies      **Component:** dcp

**Text:** The '-timestamps' option is required.

**Explanation:** The user attempted to repair an entry within a specified clearinghouse yet failed to indicate which type of entry to repair.

**Action:** Reissue the command with the *-timestamps* option.

**0x1131f153 dcp\_s\_cds\_not\_valid\_clearinghouse**

**Severity:** Varies      **Component:** dcp

**Text:** Clearinghouse not found.

**Explanation:** An invalid clearinghouse name was specified.

**Action:** Reenter the command with the correct clearinghouse name.

**0x1131f132 dcp\_s\_cds\_only\_one\_client**

**Severity:** Varies      **Component:** dcp

**Text:** Only one CDS client may be specified for this command.

**Explanation:** More than one CDS client was specified on the command line.

**Action:** Run the command again specifying only one CDS client name.

**0x1131f131 dcp\_s\_cds\_only\_one\_server**

**Severity:** Varies      **Component:** dcp

**Text:** Only one CDS server may be specified for this command.

**Explanation:** More than one CDS server was specified on the command line.

**Action:** Run the command again specifying only one CDS server name.

**0x1131f148 dcp\_s\_cds\_single\_no\_add**

**Severity:** Varies      **Component:** dcp

**Text:** The '-single' option must be used with the '-add' option.

**Explanation:** The **-single** option can only be used to add a single valued attribute to an object.

**Action:** Retype the command with the **-add** option and the **-single** option to add a single-valued attribute.

**0x1131f149 dcp\_s\_cds\_single\_no\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** The '-single' option must be used with the '-attribute' option.

**Explanation:** The **-single** option can only be used to create a single valued attribute on an object.

**Action:** Retype the command with the **-attribute** option and the **-single** option to create a single-valued attribute.

**0x1131f14d dcp\_s\_cds\_tree\_replica\_option**

**Severity:** Varies      **Component:** dcp

**Text:** The '-tree' option cannot be used with the '-replica' and '-clearinghouse' options.

**Explanation:** The **-replica** and **-clearinghouse** options may not be specified with **delete -tree**.

**Action:** Retype the command with a consistent set of options.

**0x1131f14a dcp\_s\_cds\_types\_no\_remove**

**Severity:** Varies      **Component:** dcp

**Text:** The '-types' option must be used with the '-remove' option.

**Explanation:** The **-types** option must be used to remove all values of a multi-valued attribute from an object.

**Action:** Retype the command with the **-remove** option and the **-types** option to remove a all values of a multi-valued attribute.

**0x1131f163 dcp\_s\_cds\_unknown\_data\_type**

**Severity:** Varies      **Component:** dcp

**Text:** unknown CDS data type

**Explanation:** The type returned does not match any known CDS type.

**Action:** No action required.

**0x1131f135 dcp\_s\_cds\_wrong\_options**

**Severity:** Varies      **Component:** dcp

**Text:** The change epoch options cannot be used when modifying directory attributes.

**Explanation:** The clearinghouse info is not required to modify directory attributes.

**Action:** Do not specify any change epoch options on the command line.

**0x1131f34a dcp\_s\_clock\_abrupt\_present**

**Severity:** Varies      **Component:** dcp

**Text:** When using '-dced' or '-inetd', the '-abruptly' option is not allowed.

**Explanation:** The command does not allow the **-abruptly** option when bypassing dttd using **-dced**, or **-inetd**.

**Action:** Retype the command with the correct set of options.

**0x1131f351 dcp\_s\_clock\_dced\_server\_time\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** The dced time service failed to get current time.

**Explanation:** The call to the specified hostname via dced failed.

**Action:** Retype the command using a hostname with proper dced support.

**0x1131f350 dcp\_s\_clock\_get\_dced\_time\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not get current time using dced services.

**Explanation:** The call to the specified hostname via dced failed.

**Action:** Retype the command using a hostname with dced support.

**0x1131f352 dcp\_s\_clock\_get\_inetd\_time\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not get current time using inetd socket connection.

**Explanation:** The call to the specified hostname via inetd failed.

**Action:** Retype the command using a hostname with inetd support.

**0x1131f34f dcp\_s\_clock\_get\_local\_time\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not get current time.

**Explanation:** The call to get the local system time failed.

**Action:** There is an internal DCE problem. This call should never fail.

**0x1131f34d dcp\_s\_clock\_missing\_hostname**

**Severity:** Varies      **Component:** dcp

**Text:** Missing hostname.

**Explanation:** The **-dced** and **-inetd** options require the name of the host to ask about the time.

**Action:** Retype the command with the hostname parameter present.

**0x1131f34c dcp\_s\_clock\_set\_bypass\_and\_hostname**

**Severity:** Varies      **Component:** dcp

**Text:** When using '-bypass', specifying a hostname is not allowed.

**Explanation:** The command does not allow a hostname when using **-bypass**.

**Action:** Retype the command without the hostname.

**0x1131f34b dcp\_s\_clock\_set\_bypass\_and\_others**

**Severity:** Varies      **Component:** dcp

**Text:** When using '-bypass', other options are not allowed.

**Explanation:** The command does not allow other options when using **-bypass**.

**Action:** Retype the command without the extra options.

**0x1131f349 dcp\_s\_clock\_set\_epoch\_no\_abrupt**

**Severity:** Varies      **Component:** dcp

**Text:** When just setting the epoch, the '-abruptly' option is not allowed.

**Explanation:** The command does not allow the **-abruptly** option when just setting the epoch with **-epoch**.

**Action:** Retype the command without the **-abruptly** option.

**0x1131f353 dcp\_s\_clock\_set\_failed**

**Severity:** Varies      **Component:** dcp

**Text:** Could not set the system clock.

**Explanation:** Without using dtsd, could not set the system clock.

**Action:** Retype the command using dtsd to try and change the clock.

**0x1131f345 dcp\_s\_clock\_set\_invalid\_epoch**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid epoch. The value must be in the range of [0..255].

**Explanation:** An invalid value was given to the **-epoch** option.

**Action:** Retype the command with a valid epoch in the range of [0..255].

**0x1131f347 dcp\_s\_clock\_set\_need\_abruptly**

**Severity:** Varies      **Component:** dcp

**Text:** '-abruptly' option not specified.

**Explanation:** An attempt was made to set the clock immediately to the specified time. The **-epoch** option requires the **-abruptly** option.

**Action:** Retype the command with the **-abruptly** and **-epoch** options.

**0x1131f346 dcp\_s\_clock\_set\_need\_epoch**

**Severity:** Varies      **Component:** dcp

**Text:** '-epoch' option not specified.



**Explanation:** An attempt was made to set the clock immediately to the specified time. The **-abruptly** option requires the **-epoch** option.

**Action:** Retype the command with the **-epoch** and **-abruptly** options.

**0x1131f348 dcp\_s\_clock\_set\_need\_time**

**Severity:** Varies      **Component:** dcp

**Text:** You must specify either the **'-to'** or **'-epoch'** option.

**Explanation:** The command requires the **-to** option to specify the time to change the clock to, or the **-epoch** option to specify a new epoch without changing the time.

**Action:** Retype the command with the **-to** or **-epoch** option.

**0x1131f34e dcp\_s\_clock\_time\_conversion\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid absolute DTS style time string.

**Explanation:** An invalid time string was entered.

**Action:** Reenter the command with a valid DTS style absolute timestamp in the following format: **CCYY-MM-DD-hh:mm:ss.fff[+|-]hh:mm:ss.fff**.

**0x1131f41e dcp\_s\_dhd\_bad\_attribute\_list**

**Severity:** Varies      **Component:** dcp

**Text:** The attribute list must contain pairs of entries {attribute value}.

**Explanation:** User entered incorrect attribute list syntax.

**Action:** Reenter command with correct attribute list.

**0x1131f41f dcp\_s\_dhd\_bad\_key\_data**

**Severity:** Varies      **Component:** dcp

**Text:** The key data should contain principal, keytype, version number and password {princ keytype version passwd}.

**Explanation:** User entered incorrect key syntax.

**Action:** Please refer to documentation and reenter command with correct key data.

**0x1131f423 dcp\_s\_dhd\_data\_attr\_missing**

**Severity:** Varies      **Component:** dcp

**Text:** Data attribute is not specified on operation which requires data.

**Explanation:** User supplies no data attribute on an operation which requires data attribute to be specified.

**Action:** Reenter command with data attribute.

**0x1131f422 dcp\_s\_dhd\_data\_on\_entry\_ops**

**Severity:** Varies      **Component:** dcp

**Text:** Data attribute specified on entry only operation.

**Explanation:** User requested to change data attributes when invoked as an entry only operation.

**Action:** Reenter command without data attribute.

**0x1131f41c dcp\_s\_dhd\_invalid\_args**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid or mismatched inputs or arguments '%s'.

**Explanation:** The function received wrong inputs or arguments.

**Action:** Check the inputs or arguments.

**0x1131f425 dcp\_s\_dhd\_miss\_objname**

**Severity:** Varies      **Component:** dcp

**Text:** A 'dced' name missing object name.

**Explanation:** The dced name doesn't have object name as its last part.

**Action:** Reenter command with an object name.

**0x1131f421 dcp\_s\_dhd\_mod\_invalid\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** Unchangeable attributes entered.

**Explanation:** User requested to change entry attributes which are not changeable.

**Action:** Reenter command with data attribute request only.

**0x1131f41d dcp\_s\_dhd\_no\_object**

**Severity:** Varies      **Component:** dcp

**Text:** 'dced' object not specified.

**Explanation:** The command didn't supply the object name to operate on.

**Action:** Reenter the command with an object.

**0x1131f426 dcp\_s\_dhd\_too\_many\_ifnames**

**Severity:** Varies      **Component:** dcp

**Text:** More than one interface name has been specified.

**Explanation:** Only one interface name is allowed when using this option.

**Action:** Reenter command with only one interface name.

**0x1131f420 dcp\_s\_dhd\_too\_many\_opts**

**Severity:** Varies      **Component:** dcp

**Text:** There are too many options in command line.

**Explanation:** User entered incorrect command syntax.

**Action:** Reenter command.

**0x1131f424 dcp\_s\_dhd\_wrong\_service\_req**

**Severity:** Varies      **Component:** dcp

**Text:** A wrong 'dced' service has been requested.

**Explanation:** The user used a wrong dced service which does not match with the operation invoked.

**Action:** Reenter command with right dced service.

**0x1131f13b dcp\_s\_dir\_mod\_bad\_new\_entry**

**Severity:** Varies      **Component:** dcp

**Text:** No replica exists at clearinghouse '%s'.

**Explanation:** An invalid clearinghouse name was specified.

**Action:** Reenter the command with the correct clearinghouse name.

**0x1131f138 dcp\_s\_dir\_mod\_bad\_num\_dirs**

**Severity:** Varies      **Component:** dcp

**Text:** Only one directory can be specified.

**Explanation:** The user specified more than one directory on the command line.

**Action:** Reenter the command with only one directory.

**0x1131f137 dcp\_s\_dir\_mod\_bad\_num\_masters**

**Severity:** Varies      **Component:** dcp

**Text:** Only one master clearinghouse can be specified.

**Explanation:** The user specified more than one master clearinghouse on the command line.

**Action:** Reenter the command with only one master clearinghouse.

**0x1131f139 dcp\_s\_dir\_mod\_duplicate\_found**

**Severity:** Varies      **Component:** dcp

**Text:** The same clearinghouse name was found more than once.

**Explanation:** The user specified the same clearinghouse more than once.

**Action:** Reenter the command with unique clearinghouse names.

**0x1131f13a dcp\_s\_dir\_mod\_missing\_new\_entry**

**Severity:** Varies      **Component:** dcp

**Text:** The replica at clearinghouse '%s' was not specified.

**Explanation:** The new clearinghouse list was missing at least one entry.

**Action:** Reenter the command with the correct entries.

**0x1131f32f dcp\_s\_dts\_bind\_file\_open\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Can not read dtsd bindings file. Check to see if dtsd is running.

**Explanation:** Could not open the binding file.

**Action:** Make sure dtsd is running and that the binding file exists.

**0x1131f333 dcp\_s\_dts\_comm\_failure**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to contact the specified dts server.

**Explanation:** The dts server, though valid, seems to not be running.

**Action:** Start the server and try the command again.

**0x1131f332 dcp\_s\_dts\_modify\_excl\_opts**

**Severity:** Varies      **Component:** dcp

**Text:** The '-change' option can not be used with the individual attribute options.

**Explanation:** One or more of the individual options was used with -change.

**Action:** Retype the command with the correct options.

**0x1131f331 dcp\_s\_dts\_modify\_invalid\_courier\_role**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid courier role.

**Explanation:** The server courier role could not be modified because the role entered was invalid.

**Action:** The valid courier roles are **backup** (default), **courier** and **noncourier**. A server connected to an external time provider cannot have the **courier** role. Reenter the command with a valid courier role.

**0x1131f334 dcp\_s\_dts\_no\_more\_bindings**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to find appropriate DTS interface at '%s'.

**Explanation:** The entry in the namespace did not have any bindings that matched the required interface. This could be because the entry was not one for a **DTS** entity, or that the **DTS** entity specified does not support the correct interface version.

**Action:** Verify that the namespace entry specified corresponds to a valid **DTS** entity that supports the appropriate interface version for communicating with dcecp.

**0x1131f330 dcp\_s\_dts\_time\_conversion\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid DTS style timestamp.

**Explanation:** Conversion of the entered timestamp failed.

**Action:** Retype the command with a valid timestamp. DTS only uses V1.0 timestamps.

**0x1131f02b dcp\_s\_errtext\_invalid\_code**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' is not a valid integer error code.

**Explanation:** The user entered an invalid error code.

**Action:** Retype the command with a valid error code.

**0x1131f012 dcp\_s\_expected\_float\_arg**

**Severity:** Varies      **Component:** dcp

**Text:** Expected a floating point argument for '%s' but received '%s'.

**Explanation:** The argument was not a valid floating point number.

**Action:** Retype the command with a floating point number as an argument.

**0x1131f00e dcp\_s\_expected\_int\_arg**

**Severity:** Varies      **Component:** dcp

**Text:** Expected integer argument for '%s' but received '%s'.

**Explanation:** A non-integer was given to an option that expects one.

**Action:** Retype the command with a valid argument.

**0x1131f2aa dcp\_s\_gid\_not\_allowed**

**Severity:** Varies      **Component:** dcp

**Text:** Unrecognized attribute 'gid'.

**Explanation:** The user supplied bad attribute name. The **group** object takes only the **gid** as a valid group identification specifier.

**Action:** Reenter the command and use the correct user identification specifier.

**0x1131f02a dcp\_s\_help\_no\_verbose**

**Severity:** Varies      **Component:** dcp

**Text:** Verbose help is only available for objects, not verbs.

**Explanation:** The user entered a request for help of the form 'OBJ help VERB - verbose', where only 'OBJ help -verbose' is supported.

**Action:** Retype the command with only an object name.

**0x1131f029 dcp\_s\_illegal\_command**

**Severity:** Varies      **Component:** dcp

**Text:** This command is not allowed from the command line.

**Explanation:** Due to security considerations, the attempted command is not allowed from the command line.

**Action:** Use the program interactively to use this command.

**0x1131f028 dcp\_s\_initial\_context\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Error in getting initial login context.

**Explanation:** A failure occurred attempting to get the initial login context.

**Action:** Check the security service and system resources.

**0x1131f3ff dcp\_s\_kt\_bad\_key\_type**

**Severity:** Varies      **Component:** dcp

**Text:** keytab only supports 'plain' key.

**Explanation:** The command supplied wrong key type.

**Action:** Reenter the command with supported key type.

**0x1131f400 dcp\_s\_kt\_bad\_key\_value**

**Severity:** Varies      **Component:** dcp

**Text:** The command supplied wrong key value: '%s'.

**Explanation:** A plain key value is a string and a des key value is \xhh\xhh\xhh\xhh\xhh\xhh\xhh\xhh or \ooo\ooo \ooo\ooo\ooo\ooo\ooo\ooo.

**Action:** Reenter the command with correct key value.

**0x1131f401 dcp\_s\_kt\_key\_value\_missing**

**Severity:** Varies      **Component:** dcp

**Text:** The command didn't supply a key value.

**Explanation:** The plain key has to be present, a des key can only be omitted if a '-random' option is present.

**Action:** Reenter the command with key value.

**0x1131f3fe dcp\_s\_kt\_missing\_key\_version**

**Severity:** Varies      **Component:** dcp

**Text:** Required key version not entered.

**Explanation:** To add (non-random) key, the key version is not optional.

**Action:** Retype the command with key version or just request a random key.

**0x1131f01f dcp\_s\_list\_too\_long**

**Severity:** Varies      **Component:** dcp

**Text:** The list {%s} contains too many elements.

**Explanation:** The command expected less elements than provided.

**Action:** Retype the command with correct list structure.

**0x1131f01e dcp\_s\_list\_too\_short**

**Severity:** Varies      **Component:** dcp

**Text:** The list {%s} contains too few elements.

**Explanation:** The command expected more elements than provided.



**Action:** Retype the command with correct list structure.

**0x1131f044 dcp\_s\_login\_bad\_pw\_read**

**Severity:** Varies      **Component:** dcp

**Text:** Interactive read of the password failed.

**Explanation:** The secure read password call failed.

**Action:** Contact your system administrator.

**0x1131f041 dcp\_s\_login\_euid\_not\_uid**

**Severity:** Varies      **Component:** dcp

**Text:** The effective and real user ids are not the same

**Explanation:** The effective and real user ids are different. Reading from a keytab file with an effective user id that is different from the real user id is a security hole and is not allowed.

**Action:** Rerun the command without the **-keytab** option, or make sure that the effective uid matches the real uid.

**0x1131f047 dcp\_s\_login\_from\_local\_override**

**Severity:** Varies      **Component:** dcp

**Text:** Validated from local override entry, no network credentials obtained.

**Explanation:** The credentials were obtained from local override.

**Action:** Format the command so the credentials are obtained from master.

**0x1131f042 dcp\_s\_login\_get\_context\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to get the current context for refresh.

**Explanation:** The command was not able to acquire the user's current DCE login context.

**Action:** Verify that the user does have a valid context for refreshing. A new context can be created by specifying a username and not specifying **-refresh**.

**0x1131f048 dcp\_s\_login\_invalid\_pw**

**Severity:** Varies      **Component:** dcp

**Text:** Password validation failure.

**Explanation:** The user entered an invalid username or password.

**Action:** The user must enter a valid username and password.

**0x1131f049 dcp\_s\_login\_invalid\_user**

**Severity:** Varies      **Component:** dcp

**Text:** User identification failure.

**Explanation:** The user entered an invalid username or password.

**Action:** The user must enter a valid username and password.

**0x1131f046 dcp\_s\_login\_local\_creds**

**Severity:** Varies      **Component:** dcp

**Text:** Credentials obtained from local registry.

**Explanation:** The credentials were obtained from the local registry.

**Action:** Format the command so the credentials are obtained from master.

**0x1131f03e dcp\_s\_login\_needs\_user**

**Severity:** Varies      **Component:** dcp

**Text:** The login command requires a username argument.

**Explanation:** The user did not supply the required username argument.

**Action:** Retype the command with a valid username.

**0x1131f040 dcp\_s\_login\_no\_ktb\_and\_pass**

**Severity:** Varies      **Component:** dcp

**Text:** The -keytab and -password options are mutually exclusive.

**Explanation:** The user supplied both the **-keytab** and **-password** options together. This is not allowed.

**Action:** Retype the command with a valid set of options and arguments.

**0x1131f043 dcp\_s\_login\_refresh\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to refresh the current context.

**Explanation:** The command was not able to refresh the user's current DCE login context.

**Action:** Verify that the user does have a valid context for refreshing. A new context can be created by specifying a username and not specifying **-refresh**.

**0x1131f03f dcp\_s\_login\_refresh\_no\_user**

**Severity:** Varies      **Component:** dcp

**Text:** Do not specify a username when using the **-refresh** option.

**Explanation:** The user specified a username and the **-refresh** option together.

**Action:** Retype the command with a valid set of options and arguments.

**0x1131f045 dcp\_s\_login\_reset\_password**

**Severity:** Varies      **Component:** dcp

**Text:** Password must be changed!

**Explanation:** The current password must be changed.

**Action:** Change the login password.

**0x1131f35d dcp\_s\_log\_inv\_routing**

**Severity:** Varies      **Component:** dcp

**Text:** Bad routing specification.

**Explanation:** The routing specified failed validation.

**Action:** Reenter the command with a valid routing specification.

**0x1131f35e dcp\_s\_log\_no\_debug**

**Severity:** Varies      **Component:** dcp

**Text:** Debug option used without DCE\_DEBUG defined.

**Explanation:** An attempt was made to show debug routing specifications, but the DCE\_DEBUG variable is not defined.

**Action:** Reenter the command after DCE is built with DCE\_DEBUG defined.

**0x1131f35c dcp\_s\_log\_no\_modify\_op**

**Severity:** Varies      **Component:** dcp

**Text:** Requires more options.

**Explanation:** An attempt was made to modify the routing specifications, but no -change option was included.

**Action:** Reenter the command with the -change option.

**0x1131f35b dcp\_s\_log\_no\_server**

**Severity:** Varies      **Component:** dcp

**Text:** Server process not specified.

**Explanation:** The command did not contain the name of a server process to operate on.

**Action:** Reenter the command with a server process.

**0x1131f2ac dcp\_s\_maxuid\_is\_negative**

**Severity:** Varies      **Component:** dcp

**Text:** The 'maxuid' attribute must be a positive integer.

**Explanation:** The **maxuid** attribute must be a positive integer. Negative integers are not allowed.

**Action:** Reenter the command and provide a positive **maxuid** integer as an attribute value.

**0x1131f2ad dcp\_s\_maxuid\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** The 'maxuid' attribute must be an integer.

**Explanation:** The **maxuid** attribute provided is not an integer. The **maxuid** attribute must be a positive integer.

**Action:** Reenter the command and provide a positive **maxuid** integer as an attribute value.

**0x1131f2ab dcp\_s\_maxuid\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** The 'maxuid' attribute must be less than %d.

**Explanation:** The **maxuid** attribute must be a positive integer less than the maximum for a 32 bit integer.

**Action:** Reenter the command and provide a positive **maxuid** integer, less than the maximum for a 32 bit integer, as an attribute value.

**0x1131f2b6 dcp\_s\_mingid\_is\_negative**

**Severity:** Varies      **Component:** dcp

**Text:** The 'mingid' attribute must be a positive integer.

**Explanation:** The **mingid** attribute must be a positive integer. Negative integers are not allowed.

**Action:** Reenter the command and provide a positive **mingid** integer as an attribute value.

**0x1131f2b4 dcp\_s\_mingid\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** The 'mingid' attribute must be an integer.

**Explanation:** The **mingid** attribute provided is not an integer. The **mingid** attribute must be a positive integer.

**Action:** Reenter the command and provide a positive **mingid** integer as an attribute value.

**0x1131f2b5 dcp\_s\_mingid\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** The 'mingid' attribute must be less than %d.

**Explanation:** The **mingid** attribute must be a positive integer less than the maximum allowed for a 32 bit integer.

**Action:** Reenter the command and provide a positive **mingid** integer, less than the maximum allowed for a 32 bit integer, as an attribute value.

**0x1131f2b0 dcp\_s\_minorgid\_is\_negative**

**Severity:** Varies      **Component:** dcp

**Text:** The 'minorgid' attribute must be a positive integer.

**Explanation:** The **minorgid** attribute must be a positive integer. Negative integers are not allowed.

**Action:** Reenter the command and provide a positive **minorgid** integer as an attribute value.

**0x1131f2ae dcp\_s\_minorgid\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** The 'minorgid' attribute must be an integer.

**Explanation:** The **minorgid** attribute provided is not an integer. The **minorgid** attribute must be a positive integer.

**Action:** Reenter the command and provide a positive **minorgid** integer as an attribute value.

**0x1131f2af dcp\_s\_minorgid\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** The 'minorgid' attribute must be less than %d.

**Explanation:** The **minorgid** attribute must be a positive integer less than the maximum allowed for a 32 bit integer.

**Action:** Reenter the command and provide a positive **minorgid** integer, less than the maximum allowed for a 32 bit integer, as an attribute value.

**0x1131f2b3 dcp\_s\_minuid\_is\_negative**

**Severity:** Varies      **Component:** dcp

**Text:** The 'minuid' attribute must be a positive integer.

**Explanation:** The **minuid** attribute must be a positive integer. Negative integers are not allowed.

**Action:** Reenter the command and provide a positive **minuid** integer as an attribute value.

**0x1131f2b1 dcp\_s\_minuid\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** The 'minuid' attribute must be an integer.

**Explanation:** The **minuid** attribute provided is not an integer. The **minuid** attribute must be a positive integer.

**Action:** Reenter the command and provide a positive **minuid** integer as an attribute value.

**0x1131f2b2 dcp\_s\_minuid\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** The 'minuid' attribute must be less than %d.

**Explanation:** The **minuid** attribute must be a positive integer less than the maximum allowed for a 32 bit integer.

**Action:** Reenter the command and provide a positive **minuid** integer, less than the maximum allowed for a 32 bit integer, as an attribute value.

**0x1131f021 dcp\_s\_missing\_req\_opts**

**Severity:** Varies      **Component:** dcp

**Text:** Required options not entered.

**Explanation:** Required options to the command were not entered.

**Action:** Retype the command with all required options.

**0x1131f023 dcp\_s\_mut\_excl\_opts**

**Severity:** Varies      **Component:** dcp

**Text:** Mutually exclusive options entered.

**Explanation:** The options entered for the command cannot be used together.

**Action:** Retype the command with the correct options.

**0x1131f019 dcp\_s\_mutex\_init\_fail**

**Severity:** Varies      **Component:** dcp  
**Text:** Mutex initialization failed.  
**Explanation:** An attempt to initialize a mutex failed.  
**Action:** Check system resources.

**0x1131f01a dcp\_s\_mutex\_lock\_fail**

**Severity:** Varies      **Component:** dcp  
**Text:** Mutex lock failed.  
**Explanation:** An attempt to lock a mutex failed.  
**Action:** Check system resources.

**0x1131f01b dcp\_s\_mutex\_unlock\_fail**

**Severity:** Varies      **Component:** dcp  
**Text:** Mutex unlock failed.  
**Explanation:** An attempt to unlock a mutex failed.  
**Action:** Check system resources.

**0x1131f00a dcp\_s\_need\_arg**

**Severity:** Varies      **Component:** dcp  
**Text:** The command requires at least one argument.  
**Explanation:** The command received no arguments.  
**Action:** Retype the command with at least one argument.

**0x1131f018 dcp\_s\_need\_opt**

**Severity:** Varies      **Component:** dcp  
**Text:** The command requires at least one option.  
**Explanation:** The command received no options.  
**Action:** Retype the command with the correct options.



**0x1131f004 dcp\_s\_no\_memory**

**Severity:** Varies      **Component:** dcp

**Text:** Could not allocate memory.

**Explanation:** Ran out of virtual memory.

**Action:** Acquire more memory.

**0x1131f04a dcp\_s\_not\_logged\_in**

**Severity:** Varies      **Component:** dcp

**Text:** You are not logged in to the security service.

**Explanation:** A logout operation was attempted without a login context.

**Action:** Login first.

**0x1131f00d dcp\_s\_null\_arg**

**Severity:** Varies      **Component:** dcp

**Text:** The empty list is not a valid argument.

**Explanation:** The command received an empty list as an argument.

**Action:** Retype the command with correct arguments.

**0x1131f027 dcp\_s\_object\_needs\_verb**

**Severity:** Varies      **Component:** dcp

**Text:** This object requires a verb to form a command.

**Explanation:** The user specified an object name only on the command line.

**Action:** Retype the command with a correct object verb pair.

**0x1131f003 dcp\_s\_ok**

**Severity:** Varies      **Component:** dcp

**Text:** Successful completion

**Explanation:** Operation performed.

**Action:** None required.

**0x1131f011 dcp\_s\_opt\_requires\_float**

**Severity:** Varies      **Component:** dcp  
**Text:** The '%s' option requires a floating point value.  
**Explanation:** Command requires a float argument.  
**Action:** Retype the command with a valid argument.

**0x1131f00f dcp\_s\_opt\_requires\_int**

**Severity:** Varies      **Component:** dcp  
**Text:** The '%s' option requires an integer value.  
**Explanation:** Command requires an integer argument.  
**Action:** Retype the command with a valid argument.

**0x1131f022 dcp\_s\_opt\_requires\_more\_args**

**Severity:** Varies      **Component:** dcp  
**Text:** The '%s' option requires more arguments.  
**Explanation:** The indicated option requires more arguments than were provided.  
**Action:** Retype the command with the correct arguments for the options.

**0x1131f010 dcp\_s\_opt\_requires\_string**

**Severity:** Varies      **Component:** dcp  
**Text:** The '%s' option requires a character string value.  
**Explanation:** Command requires a string argument.  
**Action:** Retype the command with a valid argument.

**0x1131f2b7 dcp\_s\_orgid\_not\_allowed**

**Severity:** Varies      **Component:** dcp  
**Text:** Unrecognized attribute 'orgid'.  
**Explanation:** The user supplied bad attribute name. The **organization** object takes only the **orgid** as a valid organization identification specifier.  
**Action:** Reenter the command and use the correct organization identification specifier.

**0x1131f04b dcp\_s\_purge\_initial\_context**

**Severity:** Varies      **Component:** dcp

**Text:** You are not allowed to logout of an inherited context.

**Explanation:** A logout operation was attempted on an inherited login context.

**Action:** You can only **logout** of a context you created with a **dcecp login** command.

**0x1131f04d dcp\_s\_resolve\_bad\_version**

**Severity:** Varies      **Component:** dcp

**Text:** Interface version number not recognizable.

**Explanation:** The interface version number is not valid. The interface and version should be of the form **UUID,major.minor** or a **TCL** list **{UUID major.minor}**.

**Action:** Reenter the command with the correct interface and version.

**0x1131f04c dcp\_s\_resolve\_need\_binding**

**Severity:** Varies      **Component:** dcp

**Text:** The 'resolve' command requires a binding as an argument.

**Explanation:** The required binding was not supplied to the resolve command.

**Action:** Retype the command supplying a binding.

**0x1131f04f dcp\_s\_resolve\_need\_if**

**Severity:** Varies      **Component:** dcp

**Text:** The resolve command requires the '-interface' option with an interface.

**Explanation:** The required interface was not supplied to the resolve command.

**Action:** Retype the command supplying an interface.

**0x1131f04e dcp\_s\_resolve\_not\_found**

**Severity:** Varies      **Component:** dcp

**Text:** No binding found for interface.

**Explanation:** No full binding found for string binding and interface provided.

**Action:** Check the interface and version to verify they are correct.

**0x1131f2db dcp\_s\_rgy\_acct\_desc\_long**

**Severity:** Varies      **Component:** dcp

**Text:** Account description too long. Maximum description length is %d.

**Explanation:** The description is too long. It currently exceeds the limit allowed by the registry.

**Action:** Reissue the command and provide a shorter **description**.

**0x1131f2dc dcp\_s\_rgy\_acct\_home\_long**

**Severity:** Varies      **Component:** dcp

**Text:** Account home name too long. Maximum home name length is %d.

**Explanation:** The home is too long. It currently exceeds the indicated limit allowed by the registry.

**Action:** Reissue the command and provide a shorter **home**.

**0x1131f2d2 dcp\_s\_rgy\_acct\_is\_bad**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'acctlife' is a bad date value.

**Explanation:** Bad account lifetime parameter supplied. The attribute value supplied for **acctlife** should be an UTC relative date string.

**Action:** Reenter the command giving a UTC date for the account lifetime.

**0x1131f2d7 dcp\_s\_rgy\_acct\_no\_group**

**Severity:** Varies      **Component:** dcp

**Text:** Required group name attribute not provided.

**Explanation:** The **create** command requires that a **group** attribute be supplied with the command. This allows the registry to associate a group with the account.

**Action:** Reissue the command supplying the **group** attribute in an attribute list or as a **-group** option.

**0x1131f2d8 dcp\_s\_rgy\_acct\_no\_org**

**Severity:** Varies      **Component:** dcp

**Text:** Required organization name attribute not provided.

**Explanation:** The **create** command requires that an **organization** attribute be supplied with the command. This allows the registry to associate an **organization** with the account.

**Action:** Reissue the command supplying the **organization** attribute in an attribute list or as a **-organization** option.

**0x1131f2d9 dcp\_s\_rgy\_acct\_no\_passwd**

**Severity:** Varies      **Component:** dcp

**Text:** Account password not entered correctly.

**Explanation:** Each **account** requires a **password**. A **password** attribute was not found in a **-password** option or in an attribute list.

**Action:** Reissue the command providing a **password** for the account in either the **-password** option or in an attribute list.

**0x1131f2da dcp\_s\_rgy\_acct\_passwd\_long**

**Severity:** Varies      **Component:** dcp

**Text:** Account password too long. Maximum password length is %d.

**Explanation:** The password is too long. It currently exceeds the limit allowed by the registry.

**Action:** Reissue the command and provide a shorter **password**.

**0x1131f2dd dcp\_s\_rgy\_acct\_shell\_long**

**Severity:** Varies      **Component:** dcp

**Text:** Account shell name too long. Maximum shell name length is %d.

**Explanation:** The shell is too long. It currently exceeds the limit allowed by the registry.

**Action:** Reissue the command and provide a shorter **shell**.

**0x1131f294 dcp\_s\_rgy\_ambig\_acl\_mgr\_name**

**Severity:** Varies      **Component:** dcp

**Text:** Ambiguous ACL manager name.

**Explanation:** The name specified for the ACL manager set is ambiguous.

**Action:** Reenter the command with a correct aclmgr name.

**0x1131f291 dcp\_s\_rgy\_ambig\_encoding\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Encoding type is ambiguous.

**Explanation:** The specified encoding type for the schema is ambiguous.

**Action:** Reenter the command with a known encoding type.

**0x1131f296 dcp\_s\_rgy\_ambig\_intercell\_action**

**Severity:** Varies      **Component:** dcp

**Text:** Ambiguous intercell action.

**Explanation:** The value specified for the intercell action is ambiguous.

**Action:** Reenter the command with a correct intercell action value.

**0x1131f298 dcp\_s\_rgy\_ambig\_trigger\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Ambiguous trigger type.

**Explanation:** The value specified for the trigger type is ambiguous.

**Action:** Reenter the command with a correct trigger type.

**0x1131f28e dcp\_s\_rgy\_bad\_acctlife\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'acctlife' attribute requires a single value.

**Explanation:** The *acctlife* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f282 dcp\_s\_rgy\_bad\_alias\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'alias' attribute requires a single value.

**Explanation:** The *alias* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f2c2 dcp\_s\_rgy\_bad\_attribute\_list**

**Severity:** Varies      **Component:** dcp

**Text:** The attribute list syntax is invalid.

**Explanation:** The attribute list syntax was not of the form *{attribute value}*..

**Action:** The attribute list syntax must be of the form *{attribute value}*. The *attribute* element is an attribute type, usually a string name. It can in some cases be an OID or a UUID. The *value* element is either a single value or multiple values. Reenter the command using the correct syntax.

**0x1131f2c3 dcp\_s\_rgy\_bad\_attribute\_name**

**Severity:** Varies      **Component:** dcp

**Text:** The attribute name is not a recognized attribute.

**Explanation:** The attribute name was not recognized for the command.

**Action:** Check the documentation for the object for a list of valid attributes and reenter the command.

**0x1131f2c4 dcp\_s\_rgy\_bad\_attribute\_value**

**Severity:** Varies      **Component:** dcp

**Text:** The attribute value is a single value not a list of values.

**Explanation:** The attribute value should be a single value not a list of values.

**Action:** Reenter the command with a single attribute value as opposed to a list of values.

**0x1131f2a8 dcp\_s\_rgy\_bad\_exptime**

**Severity:** Varies      **Component:** dcp

**Text:** Bad 'pwdexptime' date string supplied.

**Explanation:** Bad password expiration date supplied. The attribute value supplied for **pwdexpdate** should be an UTC relative date string.

**Action:** Reenter the command giving a UTC date for the **pwdexpdate** attribute.

**0x1131f284 dcp\_s\_rgy\_bad\_fullname\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'fullname' attribute requires a single value.

**Explanation:** The *fullname* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f286 dcp\_s\_rgy\_bad\_gid\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'gid' attribute requires a single value.

**Explanation:** The *gid* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f283 dcp\_s\_rgy\_bad\_inprojlist\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'inprojlist' attribute requires a single value.

**Explanation:** The *inprojlist* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f287 dcp\_s\_rgy\_bad\_orgid\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'orgid' attribute requires a single value.

**Explanation:** The *orgid* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.



**0x1131f28d dcp\_s\_rgy\_bad\_pwdalpha\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'pwdalpha' attribute requires a single value.

**Explanation:** The *pwdalpha* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f28b dcp\_s\_rgy\_bad\_pwdexpdate\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'pwdexpdate' attribute requires a single value.

**Explanation:** The *pwdexpdate* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f289 dcp\_s\_rgy\_bad\_pwdlife\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'pwdlife' attribute requires a single value.

**Explanation:** The *pwdlife* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f28a dcp\_s\_rgy\_bad\_pwdminlen\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'pwdminlen' attribute requires a single value.

**Explanation:** The *pwdminlen* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f28c dcp\_s\_rgy\_bad\_pwdspaces\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'pwdspaces' attribute requires a single value.

**Explanation:** The *pwdspaces* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f281 dcp\_s\_rgy\_bad\_quota\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'quota' attribute requires a single value.

**Explanation:** The *quota* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f2c8 dcp\_s\_rgy\_bad\_reftime\_string**

**Severity:** Varies      **Component:** dcp

**Text:** Bad relative time string supplied.

**Explanation:** The relative time string that was provided is not convertible to a UTC structure.

**Action:** Reissue the command with an appropriate ISO time string.

**0x1131f2bc dcp\_s\_rgy\_bad\_schema\_name**

**Severity:** Varies      **Component:** dcp

**Text:** Not a fully qualified schema name.

**Explanation:** The **schema** object was not formatted correctly.

**Action:** The **schema** object takes a list of fully-qualified schema names as an argument. Reenter the command with a fully-qualified schema name.

**0x1131f2c7 dcp\_s\_rgy\_bad\_time\_string**

**Severity:** Varies      **Component:** dcp

**Text:** Bad time string supplied.

**Explanation:** The time string that was provided is not convertible to a Coordinated Universal Time structure.

**Action:** Reissue the command with an appropriate ISO time string.

**0x1131f285 dcp\_s\_rgy\_bad\_uid\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'uid' attribute requires a single value.

**Explanation:** The *uid* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f2e5 dcp\_s\_rgy\_bad\_use\_of\_types\_option**

**Severity:** Varies      **Component:** dcp

**Text:** Illegal use of '-type' option.

**Explanation:** Can only use the type option if the '-remove' option is also chosen.

**Action:** Reenter the command with a legal combination of options.

**0x1131f29a dcp\_s\_rgy\_bad\_use\_of\_verbose**

**Severity:** Varies      **Component:** dcp

**Text:** The '-verbose' option may only be used with the '-replica' option.

**Explanation:** Trying to get replist information with the wrong options.

**Action:** Reenter the command with the correct options.

**0x1131f288 dcp\_s\_rgy\_bad\_uuid\_attr\_val**

**Severity:** Varies      **Component:** dcp

**Text:** The 'uuid' attribute requires a single value.

**Explanation:** The *uuid* attribute requires a single value not a list of values or a void value.

**Action:** Reenter the command and provide a single attribute value.

**0x1131f2a1 dcp\_s\_rgy\_checkpoint\_bad\_cpi**

**Severity:** Varies      **Component:** dcp

**Text:** An invalid registry checkpoint time was specified.

**Explanation:** The checkpoint time was invalid or incorrect.

**Action:** Reenter the command and specify a correct checkpoint time.

**0x1131f27c dcp\_s\_rgy\_con\_bad\_cell**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to parse cell name '%s'.

**Explanation:** The *connect* process was unable to parse the cell name into separate components.

**Action:** Reissue the command with the correct cell name.

**0x1131f27e dcp\_s\_rgy\_con\_no\_cell\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No cell name.

**Explanation:** The required cell name that was to be connected to is not supplied.

**Action:** Reissue the command with a cell name to connect to.

**0x1131f27b dcp\_s\_rgy\_con\_no\_cred**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to obtain network credentials.

**Explanation:** The *connect* process was unable to login to the foreign cell.

**Action:** Reissue the command with the correct foreign account password.

**0x1131f277 dcp\_s\_rgy\_con\_no\_faccount**

**Severity:** Varies      **Component:** dcp

**Text:** Foreign account not specified.

**Explanation:** The foreign account name is required for this command.

**Action:** Reissue the command with the foreign account name specified.

**0x1131f27d dcp\_s\_rgy\_con\_no\_fmypwd**

**Severity:** Varies      **Component:** dcp

**Text:** The foreign users password must be supplied.

**Explanation:** The *connect* verb needs the foreign users password to execute.

**Action:** Reissue the command with the accounts foreign password.

**0x1131f276 dcp\_s\_rgy\_con\_no\_forg**

**Severity:** Varies      **Component:** dcp

**Text:** Foreign organization name not specified.

**Explanation:** The foreign organization name is required for this command.

**Action:** Reissue the command with the foreign organization name specified.

**0x1131f279 dcp\_s\_rgy\_con\_no\_group**

**Severity:** Varies      **Component:** dcp

**Text:** Local group not specified.

**Explanation:** The local group name is required for this command.

**Action:** Reissue the command with the group name specified.

**0x1131f27a dcp\_s\_rgy\_con\_no\_mypwd**

**Severity:** Varies      **Component:** dcp

**Text:** The users password must be supplied.

**Explanation:** The *connect* verb needs the users password to execute.

**Action:** Reissue the command with the users local password.

**0x1131f278 dcp\_s\_rgy\_con\_no\_org**

**Severity:** Varies      **Component:** dcp

**Text:** Local organization not specified.

**Explanation:** The local organization name is required for this command.

**Action:** Reissue the command with the organization name specified.

**0x1131f280 dcp\_s\_rgy\_con\_no\_set\_fvalid**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to set the local account valid on the foreign cell.

**Explanation:** The command is unable to modify the existing local account on the foreign cell and set it to valid.

**Action:** Reissue the command using correct foreign cell information.

**0x1131f27f dcp\_s\_rgy\_con\_no\_set\_valid**

**Severity:** Varies      **Component:** dcp

**Text:** Unable to set/unset the foreign account validity on the local cell.

**Explanation:** The command is unable to modify the existing foreign account on the local cell and set/unset its validity.

**Action:** Reissue the command using correct local cell information.

**0x1131f2ec dcp\_s\_rgy\_era\_any\_ambig\_enc\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Encoding type specified for the 'any' attribute is ambiguous.

**Explanation:** The encoding type specified for the attribute of encoding type 'any' is not one of the legal encoding types.

**Action:** Reenter the command with a known encoding type.

**0x1131f2ed dcp\_s\_rgy\_era\_any\_illegal\_enc\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Encoding type 'any' cannot be used when specifying values for attributes.

**Explanation:** The encoding type specified for the attribute of encoding type 'any' is not allowed to be assigned to an object.

**Action:** Reenter the command with a legal encoding type.

**0x1131f2ee dcp\_s\_rgy\_era\_any\_illegal\_remove**

**Severity:** Varies      **Component:** dcp

**Text:** Improper syntax used when attempting to remove an 'any' attribute.

**Explanation:** To remove an 'any' attribute in this way, the user must specify the types option.

**Action:** Reenter the command using the types option.

**0x1131f2eb dcp\_s\_rgy\_era\_any\_unknown\_enc\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Encoding type specified for the 'any' attribute is unknown.

**Explanation:** The encoding type specified for the attribute of encoding type 'any' is not one of the legal encoding types.

**Action:** Reenter the command with a known encoding type.

**0x1131f2e0 dcp\_s\_rgy\_era\_codeset\_not\_valid**

**Severity:** Varies      **Component:** dcp

**Text:** The specified codeset is invalid.

**Explanation:** The codeset portion of the i18ndata element must be either a valid codeset name or a valid codeset integer value.

**Action:** Reenter the command with a valid codeset value.

**0x1131f2f2 dcp\_s\_rgy\_era\_illegal\_attribute\_list**

**Severity:** Varies      **Component:** dcp

**Text:** Illegal combination of attributes specified on command line.

**Explanation:** Duplicate or illegal attributes were specified for the command.

**Action:** Reenter the command with a legal list of attributes.

**0x1131f2f3 dcp\_s\_rgy\_era\_illegal\_change\_command**

**Severity:** Varies      **Component:** dcp

**Text:** Cannot change an attribute which has an encoding type of 'void'.

**Explanation:** Attribute of encoding type **void** cannot be changed.

**Action:** Reenter the command with a legal list of attributes.

**0x1131f2f1 dcp\_s\_rgy\_era\_illegal\_switches**

**Severity:** Varies      **Component:** dcp

**Text:** Illegal combination of modify options specified on command line.

**Explanation:** Only one modify option can be selected for each given command.

**Action:** Reenter the command with a legal modify option.

**0x1131f2f5 dcp\_s\_rgy\_era\_internal\_error**

**Severity:** Varies      **Component:** dcp

**Text:** Extended attribute internal error.

**Explanation:** There is an internal error in the extended attribute functionality.

**Action:** Reenter the command with legal extended attribute information.

**0x1131f2fb dcp\_s\_rgy\_era\_invalid\_authentication**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid authentication service.

**Explanation:** The authentication service specified as part of a binding is invalid.

**Action:** Reenter the command with a correct binding.

**0x1131f2fc dcp\_s\_rgy\_era\_invalid\_authorization**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid authorization service.

**Explanation:** The authorization service specified as part of a binding is invalid.

**Action:** Reenter the command with a correct binding.

**0x1131f2f8 dcp\_s\_rgy\_era\_invalid\_binding\_syntax**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid binding syntax.

**Explanation:** The binding specified for an attribute is invalid.

**Action:** Reenter the command with a correct binding.

**0x1131f2e1 dcp\_s\_rgy\_era\_invalid\_byte**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for extended attribute is not a valid byte sequence.



**Explanation:** The value of this extended attribute must be a sequence of bytes represented by hexadecimal integers, optionally separated by white space.

**Action:** Reenter the command with a sequence of hexadecimal integers for the extended attribute.

**0x1131f2f9 dcp\_s\_rgy\_era\_invalid\_i18ndata\_syntax**

**Severity:** Varies      **Component:** dcp

**Text:** The syntax of the specified i18ndata element is invalid.

**Explanation:** The format of the i18ndata object is invalid.

**Action:** Reenter the command with a correct i18ndata string.

**0x1131f2fa dcp\_s\_rgy\_era\_invalid\_protection**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid protection level.

**Explanation:** The protection level specified as part of a binding is invalid.

**Action:** Reenter the command with a correct binding.

**0x1131f2f4 dcp\_s\_rgy\_era\_no\_attribute\_exists**

**Severity:** Varies      **Component:** dcp

**Text:** The specified extended attribute does not exist.

**Explanation:** The command specified requires an extended attribute to exist.

**Action:** Reenter the command with an existing extended attribute.

**0x1131f2df dcp\_s\_rgy\_era\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for extended attribute is not an integer.

**Explanation:** The value of this extended attribute must be an integer.

**Action:** Reenter the command with an integer for the extended attribute.

**0x1131f2e8 dcp\_s\_rgy\_era\_not\_multi\_valued**

**Severity:** Varies      **Component:** dcp

**Text:** Cannot add another instance of this attribute due to lack of multi-value capability.

**Explanation:** Only one instance of this attribute type is allowed.

**Action:** Reenter the command with a modify option to change the value.

**0x1131f2e2 dcp\_s\_rgy\_era\_not\_present**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for attribute of type void must be 'present'.

**Explanation:** The value of this extended attribute must be 'present'.

**Action:** Reenter the command with the proper value for the extended attribute.

**0x1131f2e7 dcp\_s\_rgy\_era\_not\_uuid**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for extended attribute is not a valid UUID.

**Explanation:** The value of this extended attribute must be a valid UUID.

**Action:** Reenter the command with a valid UUID for the extended attribute.

**0x1131f2e6 dcp\_s\_rgy\_era\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for extended attribute is not less than %d.

**Explanation:** The value of this extended attribute must be an integer less than the maximum value for a 32 bit integer.

**Action:** Reenter the command with an integer less than the maximum value for a 32 bit integer, for the extended attribute.

**0x1131f2e4 dcp\_s\_rgy\_era\_too\_many\_voids**

**Severity:** Varies      **Component:** dcp

**Text:** Only one instance of the same 'void' attribute is allowed.

**Explanation:** The user is trying to add more than one attribute of encoding type void to the same object.

**Action:** Specify the same void attribute only once on the command line.

**0x1131f2ea dcp\_s\_rgy\_era\_type\_and\_value**

**Severity:** Varies      **Component:** dcp

**Text:** An 'any' attribute requires both a value and an encoding type.

**Explanation:** An attribute of encoding type any requires both a value and an encoding type to be specified on the command line.

**Action:** Reenter the command with both a value and an encoding type.

**0x1131f2f0 dcp\_s\_rgy\_era\_unknown\_binding\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Binding type of extended attribute is unknown.

**Explanation:** The specified binding type of the extended attribute is unknown.

**Action:** Reenter the command with a known extended attribute binding type.

**0x1131f2ef dcp\_s\_rgy\_era\_unknown\_encoding\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Encoding type of extended attribute is unknown.

**Explanation:** The specified encoding type of the extended attribute is unknown.

**Action:** Reenter the command with a known extended attribute encoding type.

**0x1131f2e3 dcp\_s\_rgy\_era\_void\_already\_exists**

**Severity:** Varies      **Component:** dcp

**Text:** An instance of the specified 'void' attribute already exists.

**Explanation:** The user is trying to add an attribute of encoding type void to an object, but the same attribute already exists.

**Action:** Remove the existing attribute of encoding type void then try again.

**0x1131f2e9 dcp\_s\_rgy\_era\_wrong\_num\_values**

**Severity:** Varies      **Component:** dcp

**Text:** Incorrect number of values for attribute type.

**Explanation:** The number of values specified for this attribute is incorrect.

**Action:** Reenter the command with the proper number of values.

**0x1131f2a0 dcp\_s\_rgy\_full\_or\_simple**

**Severity:** Varies      **Component:** dcp

**Text:** Only full or simple names are allowed.

**Explanation:** The **principal**, **group**, **organization** and **account** commands accept only full or simple names. It is illegal to mix full and simple names in one command.

**Action:** Reenter the command and specify only full or simple names.

**0x1131f2cd dcp\_s\_rgy\_gid\_is\_wrong**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'gid' must be a positive integer.

**Explanation:** The **gid** attribute is not a positive integer.

**Action:** Reenter the command providing the **gid** option with a value that is a positive integer.

**0x1131f2ca dcp\_s\_rgy\_gid\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'gid' must be less than %d.

**Explanation:** The **gid** attribute is not a positive integer less than the maximum size of a 32 bit integer.

**Action:** Reenter the command providing the **gid** option with a value that is a positive integer less than the size of a 32 bit integer.

**0x1131f2de dcp\_s\_rgy\_illegal\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied attribute '%s' is illegal.

**Explanation:** The specified attribute is illegal.

**Action:** Reenter the command with a valid attribute.

**0x1131f29f dcp\_s\_rgy\_illegal\_version**

**Severity:** Varies      **Component:** dcp

**Text:** The string '%s' is not a legal security software version.

**Explanation:** The user entered an illegal version string.

**Action:** Reenter the command with a legal version string.

**0x1131f293 dcp\_s\_rgy\_invalid\_acl\_mgr\_name**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid ACL manager name.

**Explanation:** The name specified for the ACL manager set is invalid.

**Action:** Reenter the command with a correct aclmgr name.

**0x1131f292 dcp\_s\_rgy\_invalid\_acl\_mgr\_syntax**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid ACL manager syntax.

**Explanation:** The aclmgr specified for the schema is invalid.

**Action:** Reenter the command with a correct aclmgr.

**0x1131f29d dcp\_s\_rgy\_invalid\_attribute**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid attribute. Attribute is illegal in this syntax.

**Explanation:** User entered incorrect command syntax. Attribute is not legal except on principal entry.

**Action:** Reenter the command with a correct attribute value. The following are valid attributes:

- uid
- gid
- orgid
- fullname

- **quota**
- **alias**
- **uuid**
- **inprojlist**
- **acctlife**
- **pwdalpha**
- **pwdlife**
- **pwdminlen**
- **pwdspaces**
- **pwdalpha**

Ensure the attribute selected for the object specified is valid.

**0x1131f2c5 dcp\_s\_rgy\_invalid\_cell**

**Severity:** Varies      **Component:** dcp

**Text:** The cell name '%s' is invalid.

**Explanation:** The *catalog* process was unable to make any sense out of the specified cell name.

**Action:** Reissue the command with a valid cell name.

**0x1131f295 dcp\_s\_rgy\_invalid\_intercell\_action**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid intercell action.

**Explanation:** The value specified for the intercell action is invalid.

**Action:** Reenter the command with a correct intercell action value.

**0x1131f299 dcp\_s\_rgy\_invalid\_permset\_char**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid permission string.

**Explanation:** The value specified for the permission string is invalid.

**Action:** Reenter the command with a correct permission string.

**0x1131f29c dcp\_s\_rgy\_invalid\_pnvalue**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid attribute or policy value.

**Explanation:** A value other than *yes* or *no* was entered for an attribute or policy.

**Action:** The following objects have attributes or policies whose value is either *yes* or *no*:

- **principal**
- **group**
- **organization**
- **account**
- **registry**

Ensure that the attributes have a valid value and reenter the command.

**0x1131f270 dcp\_s\_rgy\_invalid\_pwd\_val\_type**

**Severity:** Varies      **Component:** dcp

**Text:** The value of the 'pwd\_val\_type' ERA on the principal is invalid.

**Explanation:** The value of the pwd\_val\_type ERA on the principal is invalid. The recognized values are 0 (user must select password), 1 (user must select password), 2 (user may select password), 3 (user cannot select password. It must be randomly generated).

**Action:** Recreate/Modify the principal with the correct value for the pwd\_val\_type ERA.

**0x1131f297 dcp\_s\_rgy\_invalid\_trigger\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid trigger type.

**Explanation:** The value specified for the trigger type is invalid.

**Action:** Reenter the command with a correct trigger type.

**0x1131f2c1 dcp\_s\_rgy\_list\_and\_switches**

**Severity:** Varies      **Component:** dcp

**Text:** Only options or an attribute list are allowed.

**Explanation:** When modifying or creating an object it is only valid to enter an attribute list or a set of attribute options.

**Action:** Reenter the command specifying either an attribute list or a set of attribute options.

**0x1131f28f dcp\_s\_rgy\_missing\_acl\_mgr\_set**

**Severity:** Varies      **Component:** dcp

**Text:** The ACL manager set is missing.

**Explanation:** No ACL manager set for the schema was specified.

**Action:** Reenter the command with a known ACL manager set.

**0x1131f274 dcp\_s\_rgy\_missing\_encoding\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Encoding type is missing.

**Explanation:** No encoding type for the schema was specified.

**Action:** Reenter the command with a known encoding type.

**0x1131f2bb dcp\_s\_rgy\_no\_acct\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No account name.

**Explanation:** The **account** object was missing an account name.

**Action:** The **account** object takes a list of account names as an argument. The names must be account names and not the names of database objects that contain registry information about the accounts. They should not begin with **./:/sec/account/**. Reenter the command with a valid account name.

**0x1131f2f7 dcp\_s\_rgy\_no\_binding\_to\_parse**

**Severity:** Varies      **Component:** dcp



**Text:** No string binding given to acquire host name for.

**Explanation:** This command needs a string binding to parse.

**Action:** Reenter the command with a string binding to parse.

**0x1131f275 dcp\_s\_rgy\_no\_fgroup**

**Severity:** Varies      **Component:** dcp

**Text:** Foreign group name not specified.

**Explanation:** The foreign group name is required for this command.

**Action:** Reissue the command with the foreign group name specified.

**0x1131f2bf dcp\_s\_rgy\_no\_gid**

**Severity:** Varies      **Component:** dcp

**Text:** No 'gid' specified when attempting to create an alias.

**Explanation:** No **gid** was specified while attempting to create an alias. The creation of an alias requires a **gid** to associate the alias to an existing **group**.

**Action:** Reenter the command specifying a **gid** when creating an alias.

**0x1131f2b9 dcp\_s\_rgy\_no\_group\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No group name.

**Explanation:** The **group** object was missing a group name.

**Action:** The **group** object takes a list of group names as an argument. The names must be group names and not the names of database objects that contain registry information about the groups. They should not begin with **././sec/group/**. Reenter the command with a valid group name.

**0x1131f2c6 dcp\_s\_rgy\_no\_member\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No member name was specified.

**Explanation:** No member name was provided when attempting to add a member to a group or organization.

**Action:** Reenter the command with the **-member** option. The value of the option is a list of principal names to be added.

**0x1131f26e dcp\_s\_rgy\_no\_modify\_operation**

**Severity:** Varies      **Component:** dcp

**Text:** No modify operation has been specified.

**Explanation:** The user did not request a **modify** operation.

**Action:** Reissue the command and specify a **modify** operation.

**0x1131f2f6 dcp\_s\_rgy\_no\_name\_to\_parse**

**Severity:** Varies      **Component:** dcp

**Text:** No name given to parse.

**Explanation:** This command needs a name to parse.

**Action:** Reenter the command with a name to parse.

**0x1131f271 dcp\_s\_rgy\_no\_name\_to\_rename**

**Severity:** Varies      **Component:** dcp

**Text:** No name provided to rename to.

**Explanation:** A **-to** name was not provided as an argument to the rename command.

**Action:** The user should reissue the command with an appropriate command line option.

**0x1131f2ba dcp\_s\_rgy\_no\_org\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No organization name.

**Explanation:** The **organization** object was missing an organization name.

**Action:** The **organization** object takes a list of organization names as an argument. The names must be organization names and not the names of database objects that contain registry information about the organizations. They should not begin with **./:/sec/organization/**. Reenter the command with a valid organization name.

**0x1131f2b8 dcp\_s\_rgy\_no\_princ\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No principal name.

**Explanation:** The **principal** object was missing a principal name.

**Action:** The **principal** object takes a list of principal names as an argument. The names must be principal names and not the names of database objects that contain registry information about the principals. The should not begin with **./:/sec/principal/**. Reenter the command with a valid principal name.

**0x1131f26f dcp\_s\_rgy\_no\_random\_password**

**Severity:** Varies      **Component:** dcp

**Text:** Password may not be randomly generated.

**Explanation:** The **-randompwd** option cannot be used due to the value of the **pwd\_val\_type** ERA on the principal.

**Action:** Reissue the command, omitting the **randompwd** option. Instead use the **password** option and a replacement password.

**0x1131f2bd dcp\_s\_rgy\_no\_schema\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No schema name.

**Explanation:** The **schema** object was missing a schema name.

**Action:** The **schema** object takes a list of schema names as an argument. The names must be fully-qualified schema names.

**0x1131f2be dcp\_s\_rgy\_no\_uid**

**Severity:** Varies      **Component:** dcp

**Text:** No 'uid' specified when attempting to create an alias.

**Explanation:** No **uid** was specified while attempting to create an alias. The creation of an alias requires a **uid** to associate the alias to an existing **principal**.

**Action:** Reenter the command specifying a **uid** when creating an alias.

**0x1131f29e dcp\_s\_rgy\_no\_versions\_found**

**Severity:** Varies      **Component:** dcp

**Text:** The attempt to retrieve legal version information failed.

**Explanation:** The internal call to retrieve legal version information failed.

**Action:** Determine if the security server can actually report version information.

**0x1131f2ce dcp\_s\_rgy\_organid\_is\_wrong**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'organid' must be a positive integer.

**Explanation:** The **organid** attribute is not a positive integer.

**Action:** Reenter the command providing the **organid** option with a value that is a positive integer.

**0x1131f2cb dcp\_s\_rgy\_organid\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'organid' must be less than %d.

**Explanation:** The **organid** attribute is not a positive integer less than the maximum size of a 32 bit integer.

**Action:** Reenter the command providing the **organid** option with a value that is a positive integer less than the size of a 32 bit integer.

**0x1131f30f dcp\_s\_rgy\_pk\_file\_open\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not open file '%s'.

**Explanation:** The system call to open the specified file on the local filesystem for reading failed.

**Action:** Check to see if the specified file exists and has the correct permissions for reading.

**0x1131f310 dcp\_s\_rgy\_pk\_file\_read\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not read from file '%s'.

**Explanation:** The system call to read from the specified file on the local filesystem failed.

**Action:** Check to see if the specified file exists and is not empty.

**0x1131f304 dcp\_s\_rgy\_pk\_gen\_and\_key**

**Severity:** Varies      **Component:** dcp

**Text:** Cannot specify a public or private keyfile when 'generatekey' is also specified.

**Explanation:** A keyfile may not be specified when also asking to have a key automatically generated.

**Action:** Reenter the command with the correct combination of attributes.

**0x1131f305 dcp\_s\_rgy\_pk\_gen\_and\_pass**

**Severity:** Varies      **Component:** dcp

**Text:** Cannot specify a password when 'pkgenprivkey' is also specified.

**Explanation:** A password may not be specified when also asking to have a key automatically generated.

**Action:** Reenter the command with the correct combination of attributes.

**0x1131f303 dcp\_s\_rgy\_pk\_genkey\_is\_negative**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for '%s' must not be a negative integer.

**Explanation:** The value for the specified attribute is incorrect.

**Action:** Reenter the command with a legal value.

**0x1131f301 dcp\_s\_rgy\_pk\_genkey\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for '%s' must be zero, a positive integer or 'default'.

**Explanation:** The value for the specified attribute is not a legal, acceptable value.

**Action:** Reenter the command with a legal value.

**0x1131f302 dcp\_s\_rgy\_pk\_genkey\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied value for key generation attribute must be less than %d.

**Explanation:** The value for the specified attribute is too large.

**Action:** Reenter the command with a legal value.

**0x1131f307 dcp\_s\_rgy\_pk\_illegal\_oldpass**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied attribute 'oldpassphrase' is illegal during a create operation.

**Explanation:** An old passphrase may not be specified when a new account is created.

**Action:** Reenter the command with a valid combination of attributes.

**0x1131f30b dcp\_s\_rgy\_pk\_inconsistent\_passphrase**

**Severity:** Varies      **Component:** dcp

**Text:** Passphrases for all the public keys must be the same.

**Explanation:** The passphrase on both the keys should be the same, otherwise login won't work.

**Action:** Change both passphrases to be the same.

**0x1131f2fe dcp\_s\_rgy\_pk\_invalid\_storage**

**Severity:** Varies      **Component:** dcp

**Text:** The value for 'pkmechanism' must be either 'file' or 'pkss'.

**Explanation:** The specified value does not match any legal values.

**Action:** Reenter the command with the correct value.

**0x1131f30c dcp\_s\_rgy\_pk\_missing\_argument**

**Severity:** Varies      **Component:** dcp

**Text:** No action specified by the public key attribute list.

**Explanation:** There is no valid action specified in the given attribute list.

**Action:** Reenter the command with a valid combination of attributes.

**0x1131f30a dcp\_s\_rgy\_pk\_missing\_eitherpass**

**Severity:** Varies      **Component:** dcp

**Text:** Attribute 'oldpassphrase' and/or 'newpassphrase' not entered.

**Explanation:** One or both passphrases must be specified when also asking to have a key automatically generated.

**Action:** Reenter the command with a valid combination of attributes.

**0x1131f306 dcp\_s\_rgy\_pk\_missing\_key**

**Severity:** Varies      **Component:** dcp

**Text:** Must specify both 'publickeyfile' and 'privatekeyfile'.

**Explanation:** When specifying a key file, both public and private key files must be specified together.

**Action:** Reenter the command with a valid combination of attributes.

**0x1131f309 dcp\_s\_rgy\_pk\_missing\_newpass**

**Severity:** Varies      **Component:** dcp

**Text:** Required attribute 'newpassphrase' not entered correctly.

**Explanation:** A passphrase must be specified when also asking to have a key automatically generated or when the system administrator is generating new keys using key files.

**Action:** Reenter the command with a valid combination of attributes.

**0x1131f308 dcp\_s\_rgy\_pk\_missing\_oldpass**

**Severity:** Varies      **Component:** dcp

**Text:** Required attribute 'oldpassphrase' not entered correctly.

**Explanation:** Both passphrases must be specified when also asking to not have a key automatically generated, and no keyfiles are specified.

**Action:** Reenter the command with a valid combination of attributes.

**0x1131f30d dcp\_s\_rgy\_pk\_same\_filename**

**Severity:** Varies      **Component:** dcp

**Text:** The same file cannot be used for public and private keys.

**Explanation:** Two different files are required when using public and private keys.

**Action:** Reenter the command with valid filenames.

**0x1131f30e dcp\_s\_rgy\_pk\_same\_pk\_string**

**Severity:** Varies      **Component:** dcp

**Text:** The same file contents cannot be used for public and private keys.

**Explanation:** Two different values are required when using public and private keys.

**Action:** Reenter the command with valid file contents.

**0x1131f300 dcp\_s\_rgy\_pk\_too\_many\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied attribute '%s' was specified more than once.

**Explanation:** The specified attribute was specified twice on the command line.

**Action:** Reenter the command with the attribute specified only once.

**0x1131f2ff dcp\_s\_rgy\_pk\_unknown\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied attribute '%s' is unknown.

**Explanation:** The specified public key attribute is unknown.

**Action:** Reenter the command with a valid attribute.

**0x1131f2d6 dcp\_s\_rgy\_pwdlife\_is\_bad**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'pwdlife' is a bad date value.

**Explanation:** The supplied value of **pwdlife** is bad. The attribute value should be a relative UTC date or the value **unlimited**.

**Action:** Reenter the command with a UTC date as the value.



**0x1131f2d5 dcp\_s\_rgy\_pwdminlen\_is\_negative**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'pwdminlen' must be a positive integer.

**Explanation:** The supplied value of **pwdlen** is negative. The value should be a positive number.

**Action:** Reenter the command with a positive integer as the value.

**0x1131f2d3 dcp\_s\_rgy\_pwdminlen\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'pwdminlen' is not a positive integer.

**Explanation:** The **pwdminlen** attribute must be a positive integer.

**Action:** Reenter the command providing a positive integer for the **pwdminlen** attribute.

**0x1131f2d4 dcp\_s\_rgy\_pwdminlen\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'pwdminlen' must be less than %d.

**Explanation:** The **pwdminlen** attribute must be a positive integer.

**Action:** Reenter the command providing a positive integer for the **pwdminlen** attribute.

**0x1131f2d1 dcp\_s\_rgy\_quota\_is\_negative**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'quota' must be a positive integer.

**Explanation:** The **quota** attribute is not a positive integer or a the string value **unlimited**.

**Action:** Reenter the command providing the **quota** option with a value that is a positive integer or the string value **unlimited**.

**0x1131f2cf dcp\_s\_rgy\_quota\_not\_int**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'quota' is not a positive integer or 'unlimited'.

**Explanation:** The **quota** attribute is not a positive integer or a the string value **unlimited**.

**Action:** Reenter the command providing the **quota** option with a value that is a positive integer or the string value **unlimited**.

**0x1131f2d0 dcp\_s\_rgy\_quota\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'quota' must be less than %d.

**Explanation:** The **quota** attribute is not a positive integer, the string value **unlimited** or less than the maximum size of a 32 bit integer.

**Action:** Reenter the command providing the **quota** option with a value that is a positive integer, the string value **unlimited** or less than the maximum size of a 32 bit integer.

**0x1131f2a5 dcp\_s\_rgy\_sa\_already\_master**

**Severity:** Varies      **Component:** dcp

**Text:** Registry replica specified is the master.

**Explanation:** The command did not contain the name of a registry slave replica to operate on.

**Action:** Reenter the command with a registry slave replica.

**0x1131f2a6 dcp\_s\_rgy\_sa\_force\_set\_master**

**Severity:** Varies      **Component:** dcp

**Text:** The -force option is valid only with the -master option.

**Explanation:** The command did not contain the **-master** option.

**Action:** Reenter the command with both -force and -master options.

**0x1131f2a2 dcp\_s\_rgy\_sa\_no\_replica**

**Severity:** Varies      **Component:** dcp

**Text:** Registry replica not specified.

**Explanation:** The command did not contain the name of a registry replica to operate on.

**Action:** Reenter the command with a registry replica.

**0x1131f2a3 dcp\_s\_rgy\_sa\_only\_one\_replica**

**Severity:** Varies      **Component:** dcp

**Text:** Only one registry replica is allowed.

**Explanation:** The command contained more than one registry replica to operate on.

**Action:** Reenter the command with one registry replica.

**0x1131f2a4 dcp\_s\_rgy\_sa\_replica\_not\_master**

**Severity:** Varies      **Component:** dcp

**Text:** Registry replica specified is not the master.

**Explanation:** The command did not contain a master replica to operate on.

**Action:** Use registry show to obtain the name of a master replica.

**0x1131f2a7 dcp\_s\_rgy\_sa\_seqno\_high**

**Severity:** Varies      **Component:** dcp

**Text:** Replica '%s' contains more up-to-date information.

**Explanation:** The last update sequence number of the specified replica is lower than the other replicas in the cell.

**Action:** Specify the named replica to be the master. Or take care and reenter the command with both -force and -master options.

**0x1131f272 dcp\_s\_rgy\_schema\_rename\_no\_newname**

**Severity:** Varies      **Component:** dcp

**Text:** No new name specified.

**Explanation:** The user did not specify the new schema name.

**Action:** Specify the new name for the schema entry using the '-to' option.

**0x1131f273 dcp\_s\_rgy\_sch\_entry\_not\_found**

**Severity:** Varies      **Component:** dcp

**Text:** Schema entry '%s' not found.

**Explanation:** The specified name is not a legal schema entry.

**Action:** Specify a legal schema entry.

**0x1131f2fd dcp\_s\_rgy\_server\_unavailable**

**Severity:** Varies      **Component:** dcp

**Text:** Registry server '%s' is unavailable.

**Explanation:** The registry server that the user requested to contact is not available at this time.

**Action:** Reissue the command with a currently valid registry server name.

**0x1131f2cc dcp\_s\_rgy\_uid\_is\_wrong**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'uid' must be a positive integer.

**Explanation:** The **uid** attribute is not a positive integer.

**Action:** Reenter the command providing the **uid** option with a value that is a positive integer.

**0x1131f2c9 dcp\_s\_rgy\_uid\_out\_of\_range**

**Severity:** Varies      **Component:** dcp

**Text:** Supplied 'uid' must be less than %d.

**Explanation:** The **uid** attribute is not a positive integer less than the maximum size of a 32 bit integer.

**Action:** Reenter the command providing the **uid** option with a value that is a positive integer less than the size of a 32 bit integer.

**0x1131f290 dcp\_s\_rgy\_unknown\_encoding\_type**

**Severity:** Varies      **Component:** dcp

**Text:** Encoding type is unknown.

**Explanation:** The specified encoding type for the schema is unknown.

**Action:** Reenter the command with a known encoding type.

**0x1131f2c0 dcp\_s\_rgy\_uuid\_and\_alias**

**Severity:** Varies      **Component:** dcp

**Text:** A 'uuid' cannot be specified when attempting to create an alias.

**Explanation:** A **uuid** is only valid when adopting an orphaned **principal** object.

**Action:** Reenter command specifying only a **uuid** to adopt an orphan **principal** object or the alias options to generate an alias to an existing object.

**0x1131f29b dcp\_s\_rgy\_verbose\_missing\_replica**

**Severity:** Varies      **Component:** dcp

**Text:** The '-replica' option is required to use the '-verbose' option.

**Explanation:** Trying to use the verbose option without the replica option.

**Action:** Reenter the command with the correct options.

**0x1131f08a dcp\_s\_rpc\_bad\_endpoint\_binding**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' is not a valid endpoint map binding.

**Explanation:** The endpoint map binding value specified is invalid.

**Action:** Retype the command with a legal endpoint map binding specified.

**0x1131f08c dcp\_s\_rpc\_bad\_max\_value**

**Severity:** Varies      **Component:** dcp

**Text:** The value specified for the '-max' option is illegal.

**Explanation:** The specified max value was outside the valid range.

**Action:** Retype the command using a max value greater than 0.

**0x1131f08b dcp\_s\_rpc\_bad\_priority**

**Severity:** Varies      **Component:** dcp

**Text:** Priority out of valid range of 0 to 7.

**Explanation:** The given priority was outside the valid range.

**Action:** Retype the command using a priority value from 0 to 7.

**0x1131f085 dcp\_s\_rpc\_bad\_version\_opt**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' is not a valid version identifier.

**Explanation:** An invalid string was entered as the -version option.

**Action:** Reenter command with a legal value for -version, one of: **all**, **compatible**, **exact**, **majoronly**, or **upto**.

**0x1131f08f dcp\_s\_rpc\_default\_with\_others**

**Severity:** Varies      **Component:** dcp

**Text:** The '-default' option cannot be combined with other options.

**Explanation:** If you use the **-default** option to specify that an operation is to be invoked on the default profile member, then you cannot use other options to identify a profile member. See the documentation on the **rpcprofile** object for the correct options.

**Action:** Retype the command with proper options.

**0x1131f084 dcp\_s\_rpc\_interface\_no\_version**

**Severity:** Varies      **Component:** dcp

**Text:** The interface specification does not contain a valid version identifier.

**Explanation:** An interface specification was entered without a version identifier.

**Action:** Reenter command with a legal value for -interface, either as: {UUID major.minor} or UUID,major.minor.

**0x1131f092 dcp\_s\_rpc\_member\_or\_annot**

**Severity:** Varies      **Component:** dcp

**Text:** The '-member' can only be used with the '-interface' option.

**Explanation:** The **-member** option must be used with the **-interface** option, and cannot be used with the **-default**, **-priority**, or **-annotation** options.

**Action:** Retype the command with proper options. See the documentation on the **rpcprofile remove** command for the correct options.

**0x1131f08d dcp\_s\_rpc\_no\_binding**

**Severity:** Varies      **Component:** dcp

**Text:** No string binding entered.

**Explanation:** If an interface id is entered, then a string binding must be entered to be exported for that interface.

**Action:** Retype the command with a string binding using the **-binding** option.

**0x1131f086 dcp\_s\_rpc\_no\_binding\_found**

**Severity:** Varies      **Component:** dcp

**Text:** No matching binding information found.

**Explanation:** No binding information could be found. Either none was found in the RPC entry, RPC group, or RPC profile, or none was found which matched criteria specified by options.

**Action:** Either the name given was incorrect, or the options given were incorrect, or the object does not contain any matching binding information. If either of the first two is the case, retype the command correcting any incorrect values.

**0x1131f080 dcp\_s\_rpc\_no\_entry\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No RPC entry name given.

**Explanation:** No RPC entry name was given to the command.

**Action:** Retype the command with an RPC entry name.

**0x1131f081 dcp\_s\_rpc\_no\_group\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No RPC group name given.

**Explanation:** No RPC group name was given to the command.

**Action:** Retype the command with an RPC group name.

**0x1131f087 dcp\_s\_rpc\_no\_interface\_id**

**Severity:** Varies      **Component:** dcp

**Text:** Interface id not entered.

**Explanation:** An interface id must be entered with the **-interface** option.

**Action:** Retype the command with the **-interface** option and an interface id.

**0x1131f088 dcp\_s\_rpc\_no\_interface\_id\_def**

**Severity:** Varies      **Component:** dcp

**Text:** Must use '-interface' or '-default'.

**Explanation:** An interface id must be entered if the default profile member is not used.

**Action:** Retype the command with an interface id specified with the **-interface** option, or use the default profile member by specifying the **-default**.

**0x1131f083 dcp\_s\_rpc\_no\_member\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No member name given.

**Explanation:** No **-member** option was given to the command.

**Action:** Retype the command using the **-member** option with a member name.

**0x1131f08e dcp\_s\_rpc\_no\_objects**

**Severity:** Varies      **Component:** dcp

**Text:** Must use either an object UUID or an interface id.

**Explanation:** The export command exports either binding information associated with an interface or a list of object UUIDs to an RPC object. Neither was given.

**Action:** Retype the command with proper arguments. See the documentation of the **export** commands for details.



**0x1131f082 dcp\_s\_rpc\_no\_profile\_name**

**Severity:** Varies      **Component:** dcp

**Text:** No RPC profile name given.

**Explanation:** No RPC profile name was given to the command.

**Action:** Retype the command with an RPC profile name.

**0x1131f090 dcp\_s\_rpc\_priority\_with\_others**

**Severity:** Varies      **Component:** dcp

**Text:** The '-priority' option cannot be combined with other options.

**Explanation:** The **-priority** option cannot be combined with other options for the **rpcprofile remove** command.

**Action:** Retype the command with proper options.

**0x1131f091 dcp\_s\_rpc\_uuid\_with\_others**

**Severity:** Varies      **Component:** dcp

**Text:** The '-uuid' option cannot be combined with other options.

**Explanation:** The **-uuid** option cannot be combined with other options for the **endpoint show** command.

**Action:** Retype the command with proper options.

**0x1131f089 dcp\_s\_rpc\_version\_no\_interface**

**Severity:** Varies      **Component:** dcp

**Text:** The '-version' option requires the '-interface' option.

**Explanation:** The version option can only be specified if the -interface option is specified.

**Action:** Retype the command with both a **-version** and an **-interface** option.

**0x1131f378 dcp\_s\_sbind\_entry\_option**

**Severity:** Varies      **Component:** dcp

**Text:** Entry option used with a string binding.

**Explanation:** The ACL object was specified as a string binding, but the **-entry** option was also used.

**Action:** Reenter the command without the entry option.

**0x1131f050 dcp\_s\_shell\_fork\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not fork shell process.

**Explanation:** The **shell** command could not start a new shell.

**Action:** Fix the system resource that was not available.

**0x1131f02f dcp\_s\_signal\_bug**

**Severity:** Varies      **Component:** dcp

**Text:** TclSignalTrap bug occurred.

**Explanation:** Setting the signal action failed.

**Action:** Make sure that Tcl is built correctly for your system.

**0x1131f037 dcp\_s\_signal\_invalid\_action**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid action '%s', should be one of: default, ignore, error, trap, get, block, or unblock.

**Explanation:** The signal command was not given a valid action.

**Action:** Retype the command with a valid signal action.

**0x1131f034 dcp\_s\_signal\_invalid\_name**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid signal name: %s.

**Explanation:** The supplied signal name is invalid.

**Action:** Supply a valid signal name.

**0x1131f033 dcp\_s\_signal\_invalid\_num**

**Severity:** Varies      **Component:** dcp

**Text:** Invalid signal number: %s.

**Explanation:** The supplied signal number is invalid.

**Action:** Supply a valid signal number.

**0x1131f032 dcp\_s\_signal\_list\_not\_empty**

**Severity:** Varies      **Component:** dcp

**Text:** The signal list may not be empty.

**Explanation:** The signal list may not be empty.

**Action:**

**0x1131f039 dcp\_s\_signal\_lost\_interp**

**Severity:** Varies      **Component:** dcp

**Text:** Signal interpreter lost.

**Explanation:** The interpreter no longer exists.

**Action:** The signal interpreter no longer exists.

**0x1131f035 dcp\_s\_signal\_posix\_unavailable**

**Severity:** Varies      **Component:** dcp

**Text:** POSIX signals are unavailable on this system.

**Explanation:** This system does not support POSIX signals.

**Action:** Use only BSD signals.

**0x1131f038 dcp\_s\_signal\_takes\_no\_cmd**

**Severity:** Varies      **Component:** dcp

**Text:** A command may not be specified for the '%s' action.

**Explanation:** The specified action does not take a command.

**Action:** Retype the command with the correct arguments.

**0x1131f036 dcp\_s\_signal\_trap\_req\_cmd**

**Severity:** Varies      **Component:** dcp

**Text:** A command is required for trapping signals.

**Explanation:** The signal trap command was not given a command to execute.

**Action:** Retype the command with a command to execute.

**0x1131f3e4 dcp\_s\_sr\_bad\_if\_attr**

**Severity:** Varies      **Component:** dcp

**Text:** The interface list must contain pairs of entries {uuid\_string major\_version.minor\_version}.

**Explanation:** User entered incorrect interface syntax.

**Action:** Reenter command with correct interface attribute.

**0x1131f3df dcp\_s\_sr\_missing\_req\_opt**

**Severity:** Varies      **Component:** dcp

**Text:** Required option '%s' not entered.

**Explanation:** Required option to the command were not entered.

**Action:** Retype the command with correct arguments and options.

**0x1131f3e0 dcp\_s\_sr\_obj\_not\_found**

**Severity:** Varies      **Component:** dcp

**Text:** The object '%s' does not exist.

**Explanation:** A matching object could not be found. This may only be informational, depending on whether or not a match was expected.

**Action:** Retype the command with possibly correct object name.

**0x1131f3e1 dcp\_s\_sr\_unknown\_serv\_flag**

**Severity:** Varies      **Component:** dcp

**Text:** Undefined service flag has been encountered.

**Explanation:** There is only one service flag defined (disabled).

**Action:** Enter right service flag.

**0x1131f3e5 dcp\_s\_sr\_uuid\_mul\_used**

**Severity:** Varies      **Component:** dcp

**Text:** The UUID is being used more than once.

**Explanation:** The UUID can only be used for one server instance.

**Action:** Reenter command with one server a time.

**0x1131f3e2 dcp\_s\_sr\_wrong\_stop\_mthd**

**Severity:** Varies      **Component:** dcp

**Text:** Undefined stop method flag has been encountered.

**Explanation:** There are only four stop method flags available, rpc, soft, hard, and error.

**Action:** Reenter command with right stop method.

**0x1131f3e3 dcp\_s\_sr\_wrong\_timeout\_code**

**Severity:** Varies      **Component:** dcp

**Text:** Undefined timeout code flag has been encountered.

**Explanation:** There are only three timeout code flags available, min, max, and default.

**Action:** Reenter command with right timeout code.

**0x1131f01c dcp\_s\_too\_few\_list\_elements**

**Severity:** Varies      **Component:** dcp

**Text:** The list contains too few elements.

**Explanation:** The command expected more elements than provided.

**Action:** Retype the command with correct list structure.

**0x1131f009 dcp\_s\_too\_many\_args**

**Severity:** Varies      **Component:** dcp

**Text:** Too many arguments specified in command.

**Explanation:** The command received too many arguments.

**Action:** Retype the command with correct number of arguments.

**0x1131f01d dcp\_s\_too\_many\_list\_elements**

**Severity:** Varies      **Component:** dcp

**Text:** The list contains too many elements.

**Explanation:** The command expected less elements than provided.

**Action:** Retype the command with correct list structure.

**0x1131f031 dcp\_s\_too\_many\_signals**

**Severity:** Varies      **Component:** dcp

**Text:** Too many signals supplied in list.

**Explanation:** The supplied list contained too many signals.

**Action:** Supply a smaller number of signals.

**0x1131f37e dcp\_s\_too\_many\_types**

**Severity:** Varies      **Component:** dcp

**Text:** Too many ACL types.

**Explanation:** More than one ACL type option was given.

**Action:** Reenter the command with only one ACL type option. Valid ACL types are the ACL object itself, **-ic**, **-io**, or **-entry**.

**0x1131f2a9 dcp\_s\_uid\_not\_allowed**

**Severity:** Varies      **Component:** dcp

**Text:** Unrecognized attribute 'uid'.

**Explanation:** The user supplied bad attribute name. The **principal** object takes only the **uid** as a valid user identification specifier.

**Action:** Reenter the command and use the correct user identification specifier.

**0x1131f432 dcp\_s\_utc\_add\_failed**

**Severity:** Varies      **Component:** dcp

**Text:** Could not add the two timestamps.

**Explanation:** The call to add the two timestamps failed. One or both of the timestamps is invalid.

**Action:** Retype the command with a valid combination of timestamps.

**0x1131f431 dcp\_s\_utc\_add\_two\_abs**

**Severity:** Varies      **Component:** dcp

**Text:** Adding two absolute timestamps is not allowed.

**Explanation:** The supplied arguments were both absolute timestamps. Adding two absolute timestamps is yields undefined results.

**Action:** Retype the command with a valid combination of timestamps.

**0x1131f438 dcp\_s\_utc\_bad\_mult**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' is not a valid integer or floating point number.

**Explanation:** The conversion from the string the user typed to an integer or floating point number failed, or was not able to convert the entire string.

**Action:** Retype the command with a valid integer or floating point number.

**0x1131f430 dcp\_s\_utc\_bad\_rel\_time**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' is not a valid relative timestamp.

**Explanation:** The supplied argument was not able to be converted to a relative timestamp.

**Action:** Retype the command with a valid relative timestamp.

**0x1131f42f dcp\_s\_utc\_bad\_time**

**Severity:** Varies      **Component:** dcp

**Text:** The value '%s' is not a valid absolute or relative timestamp.

**Explanation:** The supplied argument was not able to be converted to a relative or absolute timestamp.

**Action:** Retype the command with a valid relative or absolute timestamp.

**0x1131f434 dcp\_s\_utc\_compare\_diff\_ts**

**Severity:** Varies      **Component:** dcp

**Text:** Comparison of a relative and an absolute timestamp is not allowed.

**Explanation:** The user entered two timestamps for comparison, one relative and one absolute. Comparing dissimilar timestamps yields indeterminate results.

**Action:** Retype the command with a valid combination of timestamps.

**0x1131f435 dcp\_s\_utc\_compare\_failed**

**Severity:** Varies      **Component:** dcp

**Text:** Comparison of the two timestamps failed. Invalid timestamp.

**Explanation:** The call to compare the two timestamps failed. One or both of the timestamps is invalid.

**Action:** Retype the command with a valid combination of timestamps.

**0x1131f436 dcp\_s\_utc\_convert\_failed**

**Severity:** Varies      **Component:** dcp

**Text:** Timestamp conversion failed. Invalid timestamp.

**Explanation:** The call to convert the timestamp failed. The timestamp is invalid.

**Action:** Retype the command with a valid timestamp.

**0x1131f433 dcp\_s\_utc\_conv\_fail**

**Severity:** Varies      **Component:** dcp

**Text:** Could not convert the result back to a string.

**Explanation:** The call to convert the result back into a string failed. This may indicate an internal problem.

**Action:** Retype the command with a valid combination of timestamps.

**0x1131f437 dcp\_s\_utc\_multiply\_failed**

**Severity:** Varies      **Component:** dcp

**Text:** Timestamp multiplication failed. Invalid timestamp or multiplier.



**Explanation:** The call to multiply the timestamp failed. The timestamp or multiplication factor is invalid.

**Action:** Retype the command with a valid timestamp.

**0x1131f439 dcp\_s\_utc\_sub\_abs\_from\_rel**

**Severity:** Varies      **Component:** dcp

**Text:** Subtracting an absolute timestamp from a relative timestamp is not allowed.

**Explanation:** The supplied arguments were a relative timestamp and an absolute timestamp, in that order. Subtracting an absolute timestamp from a relative timestamp yields undefined results.

**Action:** Retype the command with a valid combination of timestamps.

**0x1131f43a dcp\_s\_utc\_sub\_failed**

**Severity:** Varies      **Component:** dcp

**Text:** Could not subtract the two timestamps.

**Explanation:** The call to subtract the two timestamps failed. One or both of the timestamps is invalid.

**Action:** Retype the command with a valid combination of timestamps.

**0x1131f006 dcp\_s\_var\_set\_readonly**

**Severity:** Varies      **Component:** dcp

**Text:** dcecp convenience variable is read-only.

**Explanation:** An attempt was made to set the value of a convenience variable that is read-only.

**Action:** You cannot set read-only convenience variables.

**0x1131f005 dcp\_s\_var\_unset\_readonly**

**Severity:** Varies      **Component:** dcp

**Text:** Error: Cannot unset '%s': dcecp convenience variable is read-only.

**Explanation:** An attempt was made to unset the value of a convenience variable that is read-only.

**Action:** You cannot unset read-only convenience variables.

**0x1131f007 dcp\_s\_wrong\_num\_args**

**Severity:** Varies      **Component:** dcp

**Text:** Wrong number of arguments, exactly %d arguments are required.

**Explanation:** A command expecting a specified number of arguments received some other amount.

**Action:** Retype the command with the indicated number of arguments.

**0x1708308c deif\_err\_entry\_not\_found**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - specified entry not found

**Explanation:** ?

**Action:** None required

**0x1708308a deif\_err\_file\_open**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - unable to open file

**Explanation:** ?

**Action:** None required

**0x1708308b deif\_err\_file\_read**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - error while reading from file

**Explanation:** ?

**Action:** None required

**0x1708308d deif\_err\_invalid\_entry**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - invalid entry specification

**Explanation:** ?

**Action:** None required

**0x17083092 deif\_err\_invalid\_entry\_key**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - invalid or unknown entry key

**Explanation:** ?

**Action:** None required

**0x17083091 deif\_err\_invalid\_entry\_op**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - invalid operation on this entry type

**Explanation:** ?

**Action:** None required

**0x1708308e deif\_err\_invalid\_entry\_type**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - invalid entry type

**Explanation:** ?

**Action:** None required

**0x17083090 deif\_err\_invalid\_key**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - invalid key

**Explanation:** ?

**Action:** None required

**0x1708308f deif\_err\_invalid\_perm**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - invalid permission string

**Explanation:** ?

**Action:** None required

**0x17083093 deif\_err\_rgy\_not\_found**

**Severity:** Varies      **Component:** sad

**Text:** SEC\_ACL\_EDIT - unable to communicate with registry server

**Explanation:** ?

**Action:** None required

———— **DS\_E\_ADMIN\_LIMIT\_EXCEEDED**

**Severity:** Error      **Component:** Directory Services

**Text:** Operation cannot be performed within the administrative constraints.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. The operation could not be performed within the constraints on the directory, and no partial results are available.

**Action:** Simplify the operation, if possible, and retry.

———— **DS\_E\_AFFECTS\_MULTIPLE\_DSAS**

**Severity:** Error      **Component:** Directory Services

**Text:** Modification affects several DSAs and is prohibited.

**Explanation:** This is an instance of an OM class **DS\_C\_UPDATE\_ERROR**. The attempted modification affects several Directory Service Agents (DSAs), and such a modification is prohibited.

**Action:** Without local agreement, you cannot perform a modification that will affect multiple DSAs. Local agreement between DSAs can allow modifications that affect multiple DSAs; for example, adding entries whose immediate superior entry is in a different DSA. This problem is not reported in such cases.

———— **DS\_E\_ALIAS\_DEREFERENCING\_PROBLEM**

**Severity:** Error      **Component:** Directory Services

**Text:** An alias is encountered where an alias is not permitted.

**Explanation:** This is an instance of an OM class **DS\_C\_NAME\_ERROR**. An alias was encountered where an alias is not permitted.

**Action:** Check that you have not created an alias for an alias. Only object entries can have aliases; thus, an alias of an alias is not permitted.

———— **DS\_E\_ALIAS\_PROBLEM**

**Severity:** Error      **Component:** Directory Services

**Text:** An alias is dereferenced that names an object that does not exist.

**Explanation:** This is an instance of an OM class **DS\_C\_NAME\_ERROR**. An alias is dereferenced that names an object that does not exist; that is, for which no Directory entry can be found.

**Action:** Make sure your aliases always refer to existing objects.

———— **DS\_E\_ATTRIBUTE\_OR\_VALUE\_EXISTS**

**Severity:** Error      **Component:** Directory Services

**Text:** An attempt is made to add an attribute or value that already exists.

**Explanation:** This is an instance of an OM class **DS\_C\_ATTRIBUTE\_ERROR**. An attempt was made to add an attribute or value that is already present in the Directory entry in question.

**Action:** The OM class **DS\_C\_ATTRIBUTE\_PROBLEM** attribute **DS\_ATTRIBUTE\_TYPE** identifies the type of attribute with which the problem is associated. The **DS\_ATTRIBUTE\_VALUE**, if present, specifies the attribute value with which the problem is associated. The modification of attributes is an atomic operation. If you receive this error, then none of the requested changes have been made. Correct the problem and retry the operation.

———— **DS\_E\_BAD\_ARGUMENT**

**Severity:** Error      **Component:** Directory Services

**Text:** A bad argument was supplied.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. A bad argument (other than name) was supplied. Use of an instance of OM class **DS\_C\_ATTRIBUTE**, for example, with no values for the OM attribute **DS\_ATTRIBUTE\_VALUES** as an input argument to a Directory Service function

results in this error. This is because Directory attributes must always have at least one value.

**Action:** Refer to the documentation for guidance on valid arguments for each OM class.

———— **DS\_E\_BAD\_CLASS**

**Severity:** Error            **Component:** Directory Services

**Text:** The OM class of an argument is not supported for this operation.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. An attempt was made to include an argument of an OM class that is not supported for the desired operation.

**Action:** Refer to the documentation to determine which arguments are supported for each OM class.

———— **DS\_E\_BAD\_CONTEXT**

**Severity:** Error            **Component:** Directory Services

**Text:** An invalid context argument was supplied.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. An invalid *context* argument was supplied.

**Action:** Check to make sure that the *context* argument is a private object or the **DS\_DEFAULT\_CONTEXT** constant. Ensure that the selected service controls are appropriate for the attempted operation, especially if trying to access the directory user agent cache. Further information on the **DS\_C\_CONTEXT** object can be found in the *Application Development Guide* in the section on "XDS Class Definitions." To ensure that a desired *context* argument is acceptable for an operation, see that man page for that operation.

———— **DS\_E\_BAD\_NAME**

**Severity:** Error            **Component:** Directory Services

**Text:** An invalid name argument was supplied.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. An invalid name argument was supplied.

**Action:** Ensure that the value for the *name* argument is a valid instance of the OM class **DS\_C\_NAME**.

——— **DS\_E\_BAD\_SESSION**

**Severity:** Error      **Component:** Directory Services

**Text:** An invalid session argument was supplied.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. An invalid session argument was supplied.

**Action:** Ensure that the value of the *session* argument is an instance of the OM class **DS\_C\_SESSION**. The object must be private except for the **ds\_bind()** function which allows either a private or public object. The function **ds\_bind()** also allows the **DS\_DEFAULT\_SESSION** constant for the *session* parameter. Ensure that the appropriate *session* attributes are present, especially if requesting an authenticated bind.

——— **DS\_E\_BAD\_WORKSPACE**

**Severity:** Error      **Component:** Directory Services

**Text:** An invalid workspace argument was supplied.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. A workspace was specified in the **ds\_bind()** or **ds\_version()** function that does not exist.

**Action:** To obtain a valid workspace, use **ds\_initialize()**. Successful initialization returns **OM\_workspace** containing a handle to a workspace in which OM objects can be created and manipulated. This value can then be used as the *workspace* argument for the **ds\_bind()** or **ds\_version()** function.

——— **DS\_E\_BUSY**

**Severity:** Error      **Component:** Directory Services

**Text:** The Directory Service is temporarily too busy to perform the operation.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. Some part of the Directory Service is temporarily too busy to perform the operation, but will be available after a short while. This error is also returned if **ds\_unbind()** is called while there are outstanding operations for that session, or if **ds\_shutdown()** is called while there are open sessions.

**Action:** Wait a few minutes and retry the operation. Ensure that all outstanding operations on a given session have completed before calling **ds\_ubind()**. Ensure that all sessions are unbound before calling **ds\_shutdown()**.

———— **DS\_E\_CANNOT\_ABANDON**

**Severity:** Error      **Component:** Directory Services

**Text:** An attempt to abandon an operation has failed.

**Explanation:** This is an instance of an OM class **DS\_C\_ABANDON\_FAILED** error. An attempt was made to abandon an operation for which this is prohibited, or the abandon could not be performed. The **ds\_abandon()** function is not supported by DCE XDS, thus this error is returned.

**Action:** None required

———— **DS\_E\_CHAINING\_REQUIRED**

**Severity:** Error      **Component:** Directory Services

**Text:** Chaining is required to perform the operation, but is prohibited by the **DS\_CHAINING\_PROHIBITED** service control.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. An attempt was made to perform an operation that requires chaining; however, the *context* argument contains the service control **DS\_CHAINING\_PROHIBITED**.

**Action:** Either change the service control attribute of the *context* argument for the Directory to be used by the operation, or accept that the operation fails, or retry at another Directory Service Agent.

———— **DS\_E\_COMMUNICATIONS\_PROBLEM**

**Severity:** Error      **Component:** Directory Services

**Text:** A communication error has occurred.

**Explanation:** This is an instance of an OM class **DS\_C\_COMMUNICATIONS\_ERROR**. An error occurred in the OSI services supporting the Directory Service.

**Action:** Contact the system administrator to correct the problem in the OSI communication stack. Retry the operation. A new bind to the Directory may be required.



———— **DS\_E\_CONSTRAINT\_VIOLATION**

**Severity:** Error      **Component:** Directory Services

**Text:** The attribute or attribute value does not conform to the imposed constraints.

**Explanation:** This is an instance of an OM class **DS\_C\_ATTRIBUTE\_PROBLEM**. The attribute or attribute value does not conform to the constraints imposed by the standards (see The Directory: Models, ISO 9594-2 CCITT X.501) or by the attribute definition; for example, the value exceeds its upper bound.

**Action:** Correct the attribute or attribute value so that it conforms to standards.

———— **DS\_E\_DIT\_ERROR**

**Severity:** Error      **Component:** Directory Services

**Text:** An inconsistency is detected in the DIT.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. An inconsistency is detected in the Directory Information Tree (DIT) that can be localized to a particular entry or set of entries.

**Action:** Make sure that the entry or entries conform to the schema for the DIT.

———— **DS\_E\_ENTRY\_EXISTS**

**Severity:** Error      **Component:** Directory Services

**Text:** The name passed to the add entry operation already exists.

**Explanation:** This is an instance of an OM class **DS\_C\_UPDATE\_ERROR**. The name passed to **ds\_add\_entry()** already exists.

**Action:** Correct the name and retry the operation or accept that the entry already exists.

———— **DS\_E\_INAPPROP\_AUTHENTICATION**

**Severity:** Error      **Component:** Directory Services

**Text:** The level of security attached to the requestor's credential is inconsistent.

**Explanation:** This is an instance of an OM class **DS\_C\_SECURITY\_ERROR**. The level of security attached to the requestor's credentials is inconsistent with the level of protection required; for example, simple credentials are supplied whereas strong credentials are required.

**Action:** Change your credentials or abandon the operation.

———— **DS\_E\_INAPPROP\_MATCHING**

**Severity:** Error      **Component:** Directory Services

**Text:** An attempt was made to use an undefined matching rule for the attribute type.

**Explanation:** This is an instance of an OM class **DS\_C\_ATTRIBUTE\_PROBLEM**. An attempt was made to use a matching rule that is not defined for the attribute type.

**Action:** Be sure you follow the matching rules defined by the CCITT standards to determine whether two values are equal for ordering or if one value is a substring of another. In addition, some attributes have specific matching rules that apply only to that attribute. For example, for **DS\_A\_PHONE\_NBR**, the differences caused by the presence of spaces and dashes are considered insignificant.

———— **DS\_E\_INSUFFICIENT\_ACCESS\_RIGHTS**

**Severity:** Error      **Component:** Directory Services

**Text:** The requestor does not have permission to perform the operation.

**Explanation:** This is an instance of an OM class **DS\_C\_SECURITY\_ERROR**. The requestor does not have permission to perform the requested operation. A **ds\_read()** operation only returns this error when access rights preclude the reading of all requested attribute values.

**Action:** The operation cannot be performed unless you obtain the necessary access rights.

———— **DS\_E\_INVALID\_ATTRIBUTE\_SYNTAX**

**Severity:** Error      **Component:** Directory Services

**Text:** The attribute value does not conform to the attribute syntax of the attribute type.

**Explanation:** This is an instance of an OM class **DS\_C\_ATTRIBUTE\_PROBLEM**. A value presented as an argument does not conform to the attribute syntax for the attribute type.

**Action:** Correct the attribute syntax and retry the operation.

———— **DS\_E\_INVALID\_ATTRIBUTE\_VALUE**

**Severity:** Error      **Component:** Directory Services

**Text:** The attribute value in the AVA does not conform to the attribute syntax.

**Explanation:** This is an instance of an OM class **DS\_C\_NAME\_ERROR**. The attribute value in an Attribute Value Assertion (AVA) of an Relative Distinguished Name (RDN) contained in the name does not conform to the attribute syntax prescribed for the attribute type in the AVA. This problem is called `invalidAttributeSyntax` in the standards, but that name is used only for a **DS\_C\_ATTRIBUTE\_PROBLEM** in this interface.

**Action:** Correct the syntax and retry the operation.

#### ———— **DS\_E\_INVALID\_CREDENTIALS**

**Severity:** Error      **Component:** Directory Services

**Text:** The requestor's credentials are invalid.

**Explanation:** This is an instance of an OM class **DS\_C\_SECURITY\_ERROR**. The requestor's credentials are invalid. The operation is not executed.

**Action:** You will not be able to complete the operation unless your credentials are validated.

#### ———— **DS\_E\_INVALID\_REF**

**Severity:** Error      **Component:** Directory Services

**Text:** The DSA is unable to perform the request as directed.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. The Directory Service Agent (DSA) was unable to perform the request as directed; that is, by way of **DS\_C\_OPERATION\_PROGRESS** in the **DS\_C\_CONTEXT**. This can be due to an invalid referral.

**Action:** Check that the arguments are correct and try again.

#### ———— **DS\_E\_INVALID\_SIGNATURE**

**Severity:** Error      **Component:** Directory Services

**Text:** The signature affixed to the request is invalid.

**Explanation:** This is an instance of an OM class **DS\_C\_SECURITY\_ERROR**. The signature affixed to the request was invalid.

**Action:** Correct the signature and try again.

———— **DS\_E\_LOOP\_DETECTED**

**Severity:** Error      **Component:** Directory Services

**Text:** A DSA detected a loop within the directory.

**Explanation:** This is an instance of a OM class **DS\_C\_SERVICE\_ERROR**. A Directory Service Agent (DSA) detected a loop within the Directory.

**Action:** Correct the problem that is creating the loop and retry the operation.

———— **DS\_E\_MISCELLANEOUS**

**Severity:** Error      **Component:** Directory Services

**Text:** A miscellaneous error occurred while interacting with the Directory Service.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. A miscellaneous error occurred in interacting with the Directory Service. This error is returned if the interface cannot clear a transient system error by retrying the affected system call.

**Action:** This is a general purpose error message. The XDS log file may provide additional diagnostic information. Retry the operation.

———— **DS\_E\_MISSING\_TYPE**

**Severity:** Error      **Component:** Directory Services

**Text:** The attribute type is not included in the AVA.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. The attribute type was not included in an Attribute Value Assertion (AVA) that was passed as part of a distinguished name argument.

**Action:** Include the attribute type in the AVA and retry the operation.

———— **DS\_E\_MIXED\_SYNCHRONOUS**

**Severity:** Error      **Component:** Directory Services

**Text:** An attempt was made to start a synchronous operation with outstanding asynchronous operations.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. An attempt was made to start a synchronous operation when there are outstanding asynchronous operations.

**Action:** You cannot mix synchronous and asynchronous operations. Wait until the asynchronous operations complete and then retry the synchronous operation, or abandon the asynchronous operations.

———— **DS\_E\_NAMING\_VIOLATION**

**Severity:** Error      **Component:** Directory Services

**Text:** The modification leaves the DIT structured incorrectly.

**Explanation:** This is an instance of an OM class **DS\_C\_UPDATE\_ERROR**. The attempted modification leaves the Directory Information Tree (DIT) structured incorrectly. This means that it tries to add an entry as the subordinate of an alias; or in a region of the DIT not permitted to a member of its object class; or it would define a Relative Distinguished Name (RDN) that includes a forbidden attribute type.

**Action:** Check the arguments and retry the operation.

———— **DS\_E\_NO\_SUCH\_ATTRIBUTE\_OR\_VALUE**

**Severity:** Error      **Component:** Directory Services

**Text:** The specified attribute or value was not found in the directory entry.

**Explanation:** This is an instance of an OM class **DS\_C\_ATTRIBUTE\_PROBLEM**. The specified attribute or value is not found in the Directory entry in question. This is only reported by a **ds\_read()** or **ds\_search()** operation if an explicit list of attributes is specified by the selection argument, but none of them is present in the entry.

**Action:** Verify that you are referencing the correct Directory entry. You could also choose to specify no attributes or all attributes rather than an explicit list, or accept the result.

———— **DS\_E\_NO\_SUCH\_OBJECT**

**Severity:** Error      **Component:** Directory Services

**Text:** The specified name does not match the name of any object in the directory.

**Explanation:** This is an instance of an OM class **DS\_C\_NAME\_ERROR**. The specified name does not match any name of any object in the Directory.

**Action:** Correct the object name and retry the operation, or accept the result.

———— **DS\_E\_NO\_SUCH\_OPERATION**

**Severity:** Error      **Component:** Directory Services

**Text:** The Directory Service has no knowledge of the operation that is to be abandoned.

**Explanation:** This is an instance of an OM class **DS\_C\_ABANDON\_FAILED**. The Directory Service has no knowledge of the operation that is to be abandoned. The **ds\_abandon** function is not supported by DCE XDS, thus this error is not returned.

**Action:** None required.

———— **DS\_E\_NOT\_ALLOWED\_ON\_NON\_LEAF**

**Severity:** Error      **Component:** Directory Services

**Text:** Modification to an interior node of the DIT is prohibited.

**Explanation:** This is an instance of an OM class **DS\_C\_UPDATE\_ERROR**. An attempt was made to modify a node; however, the modification would be to an interior node of the Directory Information Tree (DIT).

**Action:** Such a modification is prohibited.

———— **DS\_E\_NOT\_ALLOWED\_ON\_RDN**

**Severity:** Error      **Component:** Directory Services

**Text:** The modification alters an object's RDN.

**Explanation:** This is an instance of an OM class **DS\_C\_UPDATE\_ERROR**. An attempt was made to make a modification that would alter the Relative Distinguished Name (RDN) for an object.

**Action:** This operation is not permitted on an RDN.

———— **DS\_E\_NOT\_SUPPORTED**

**Severity:** Error      **Component:** Directory Services

**Text:** An attempt is made to use optional functionality, which is not available in this implementation.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. An attempt was made to use optional functionality, which is not supported in this implementation. This error is also returned if an unrecognized value for the session attribute **DS\_AUTH\_MECHANISM** was supplied.

**Action:** None required.

———— **DS\_E\_OBJECT\_CLASS\_MOD\_PROHIB**

**Severity:** Error      **Component:** Directory Services

**Text:** The modification alters an entry's object class attribute.

**Explanation:** This is an instance of an OM class **DS\_C\_UPDATE\_ERROR**. An attempt was made to alter the object class attribute for an entry.

**Action:** None required since you cannot change the object class attribute for an entry.

———— **DS\_E\_OBJECT\_CLASS\_VIOLATION**

**Severity:** Error      **Component:** Directory Services

**Text:** The modification leaves a directory entry inconsistent with its object class definition.

**Explanation:** This is an instance of an OM class **DS\_C\_UPDATE\_ERROR**. The attempted modification would leave a Directory entry inconsistent with its object class definition.

**Action:** Correct the proposed modification to ensure consistency with the entry's class definition, or accept the result.

———— **DS\_E\_OUT\_OF\_SCOPE**

**Severity:** Error      **Component:** Directory Services

**Text:** The Directory cannot provide a referral or partial outcome qualifier within the required scope.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. The Directory Service could not provide a referral or partial outcome qualifier within the required scope.

**Action:** Increase the scope, address another Directory Service Agent.

———— **DS\_E\_PROTECTION\_REQUIRED**

**Severity:** Error      **Component:** Directory Services

**Text:** The Directory Service is unwilling to perform the operation because it is unsigned.

**Explanation:** This is an instance of an OM class **DS\_E\_SECURITY**. The Directory Service was unwilling to perform the operation because it is unsigned.

**Action:** Retry the operation signed.

———— **DS\_E\_TIME\_LIMIT\_EXCEEDED**

**Severity:** Error      **Component:** Directory Services

**Text:** The operation could not be performed within the specified time limit.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. The operation could not be performed within the time specified by the **DS\_TIME\_LIMIT** service control. No partial results were available, except for **ds\_list()** and **ds\_search()**, which return an arbitrary selection of the accumulated results.

**Action:** Increase the time limit.

———— **DS\_E\_TOO\_LATE**

**Severity:** Error      **Component:** Directory Services

**Text:** The operation has already completed, either successfully or erroneously.

**Explanation:** This is an instance of an OM class **DS\_C\_ABANDON\_FAILED**. The operation completed, either successfully or erroneously. The Directory Abandon operation is not supported by DCE XDS. Thus, a **ds\_abandon()** XDS call always returns a **DS\_E\_TOO\_LATE** error for the **DS\_C\_ABANDON\_FAILED** OM class.

**Action:** A call to **ds\_abandon()** is not useful since DCE does not support asynchronous operations.

———— **DS\_E\_TOO\_MANY\_OPERATIONS**

**Severity:** Error      **Component:** Directory Services

**Text:** No more Directory Service operations can be performed.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. No more Directory Service operations can be performed until at least one asynchronous operation is completed. This should never happen since DCE does not support asynchronous operation.

**Action:** None required.



———— **DS\_E\_TOO\_MANY\_SESSIONS**

**Severity:** Error      **Component:** Directory Services

**Text:** No more Directory Service sessions can be started.

**Explanation:** This is an instance of an OM class **DS\_C\_LIBRARY\_ERROR**. No more Directory Service sessions can be started.

**Action:** Wait until some sessions have stopped and try again.

———— **DS\_E\_UNABLE\_TO\_PROCEED**

**Severity:** Error      **Component:** Directory Services

**Text:** The DSA does not have the administrative authority over the particular naming context.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. A Directory Service Agent (DSA) without administrative authority over a particular naming context was asked to resolve a name in that context.

**Action:** You need to change the **DS\_DSA\_NAME** to one that has administrative authority.

———— **DS\_E\_UNAVAILABLE**

**Severity:** Error      **Component:** Directory Services

**Text:** Some part of the Directory is currently not available.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. Some part of the Directory was not available.

**Action:** Wait and retry the operation.

———— **DS\_E\_UNAVAILABLE\_CRIT\_EXT**

**Severity:** Error      **Component:** Directory Services

**Text:** The requested critical extensions are not available.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. One or more critical extensions were requested, but are not available.

**Action:** Wait and retry the operation.

———— **DS\_E\_UNDEFINED\_ATTRIBUTE\_TYPE**

**Severity:** Error            **Component:** Directory Services

**Text:** The attribute type is undefined.

**Explanation:** This is an instance of an OM class **DS\_C\_ATTRIBUTE\_PROBLEM**. The attribute type, supplied to **ds\_add\_entry()** or **ds\_modify\_entry()**, was undefined.

**Action:** Be sure the attribute type supplied to **ds\_add\_entry()** or **ds\_modify\_entry()** is defined.

———— **DS\_E\_UNWILLING\_TO\_PERFORM**

**Severity:** Error            **Component:** Directory Services

**Text:** Some part of the Directory Service is not willing to perform the operation.

**Explanation:** This is an instance of an OM class **DS\_C\_SERVICE\_ERROR**. Some part of the Directory Service was not willing to perform the operation because it requires excessive resources, or because doing so violates administrative policy.

**Action:** None required since the operation cannot be performed as requested.

**0x115ca076 dts\_s\_acl\_create\_default**

**Severity:** Error            **Component:** dts/dts\_s\_error

**Text:** Couldn't create the default DTS ACL: %s

**Explanation:** An attempt to create the default DTS ACL failed

**Action:** DCE utilities error. Check utilities codes for more info

**0x115ca074 dts\_s\_acl\_dbopen\_create**

**Severity:** Error            **Component:** dts/dts\_s\_error

**Text:** Couldn't create DTS acl database ( %s ): %s

**Explanation:** An attempt to create the DTS ACL database failed

**Action:** DCE utilities error. Check utilities codes for more info

**0x115ca072 dts\_s\_acl\_dbopen\_read**

**Severity:** Error            **Component:** dts/dts\_s\_error

**Text:** Couldn't open DTS acl database ( %s )for reading: %s

**Explanation:** An attempt to open the DTS acl database failed

**Action:** DCE utilities error. Check utilities codes for more info

**0x115ca075 dts\_s\_acl\_register\_obj\_types**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register DTS object type with ACL library: %s

**Explanation:** An attempt to register the dtsd ACL object type failed

**Action:** DCE utilities error. Check utilities codes for more info

**0x115ca07d dts\_s\_aclv0\_register**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register the Version 0 rdacl interface with the endpoint map: %s

**Explanation:** An attempt to register the DTS rdacl interface failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca07c dts\_s\_aclv0\_runtime\_register**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register the version 0.0 rdacl interface with the RPC runtime: %s

**Explanation:** An attempt to register the DTS rdacl interface failed

**Action:** This is an RPC runtime error. Check RPC status code for more info

**0x115ca079 dts\_s\_aclv0\_unregister**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't unregister the Version 0 rdacl interface from the endpoint map: %s

**Explanation:** An attempt to unregister the DTS rdacl interface failed

**Action:** This is an RPC error. Check RPC status code for more information

**0x115ca07b dts\_s\_aclv1\_register**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register the Version 1 rdacl interface with the endpoint map: %s

**Explanation:** An attempt to register the DTS rdacl interface failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca07a dts\_s\_aclv1\_runtime\_register**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register the version 1.0 rdacl interface with the RPC runtime: %s

**Explanation:** An attempt to register the DTS rdacl interface failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca078 dts\_s\_aclv1\_unregister**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't unregister the version 1.0 rdacl interface from the endpoint map: %s

**Explanation:** An attempt to unregister the DTS rdacl interface failed

**Action:** This is an RPC error. Check RPC status codes for more information

**0x115ca06c dts\_s\_add\_profile**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't add Global Time Server entry to right profile: %s

**Explanation:** The rpc\_ns\_profile\_elt\_add() failed for the Global Time Server

**Action:** See RPC error codes for error code and diagnostics

**0x115ca044 dts\_s\_adjustlocal**

**Severity:** Error      **Component:** dts/dts\_s\_events

**Text:** Local clock was not intersecting: local time = %s, computed time = %s. It will be adjusted.

**Explanation:** During an attempted synchronization, DTS detected that a clock's value and its inaccuracy did not intersect with those servers used for synchronization. Since the faulty time interval supplied by the clock was within the bounds of the attribute **tolerance**, DTS gradually adjusts the clock.

**Action:** If you wish to have the clock set abruptly in the future, increase the **tolerance** attribute. If you are satisfied with the adjustment, then no action is required.

**0x115ca010 dts\_s\_alloc\_virt**

**Severity:** Varies      **Component:** dts

**Text:** Memory allocation failure

**Explanation:** An error was encountered when attempting to allocate more memory

**Action:** None required.

**0x115ca00f dts\_s\_another\_time\_serv**

**Severity:** Varies      **Component:** dts

**Text:** Time service already running on this node

**Explanation:** An attempt was made to create a time server or time clerk entity on a system where one is already running.

**Action:** None required.

**0x115ca0a7 dts\_s\_attr\_encoding**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Unexpected data type value returned for dts attributes: %s

**Explanation:** dts expects configuration attributes as an array of printstrings

**Action:** Check entered configuration attributes for the dtsd

**0x115ca03a dts\_s\_aud\_open\_daemon\_failed**

**Severity:** Varies      **Component:** dts

**Text:** Cannot reach the audit daemon

**Explanation:** There may be no audit daemon running

**Action:** Start an audit daemon.

**0x115ca039 dts\_s\_aud\_open\_file\_failed**

**Severity:** Varies      **Component:** dts

**Text:** Cannot open the audit trail file

**Explanation:** An attempt to open the audit-trail file failed because the file does not have write permission.

**Action:** Check the file permissions and correct it to allow for write access.

**0x115ca0aa dts\_s\_bad\_attr**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Invalid configuration attribute %s specified\n

**Explanation:** An unrecognized configuration attribute was passed to dtsd

**Action:** Remove the entry for this attribute

**0x115ca0af dts\_s\_bad\_attr\_type**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Unknown attribute type, associated config attribute not set

**Explanation:** An invalid type was derived for a specified configuration attribute. The specified attribute was not set

**Action:** Only provide permitted attributes for dtsd via dced

**0x115ca022 dts\_s\_bad\_command**

**Severity:** Varies      **Component:** dts

**Text:** Illegal dts command:

**Explanation:** An attempt was made to issue a command that is not a legal DTS command.

**Action:** See the dcecp man page for a list of legal dts commands.

**0x115ca050 dts\_s\_bad\_timestamp**

**Severity:** Warning      **Component:** dts/dts\_s\_config

**Text:** Server %s returned invalid timestamp.

**Explanation:** Invalid data received.

**Action:** Check configuration on the server.

**0x115ca05e dts\_s\_binding\_file\_read\_error**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** The OS call to open the file for reading failed

**Explanation:** The attempt to open the local dtsd bindings file for reading failed with an OS error

**Action:** The OS diagnostic is printed out as part of the message. Fix and restart

**0x115ca05d dts\_s\_binding\_file\_write\_error**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** OS call to open the file for writing

**Explanation:** The attempt to open the local binding file failed because of an OS error

**Action:** Check the OS error; fix, and restart

**0x115ca061 dts\_s\_binding\_import**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Binding import from namespace fails: %s

**Explanation:** The initial call to the RPC name space API failed

**Action:** Check namespace based on the returned error message

**0x115ca069 dts\_s\_binding\_import\_next**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to retrieve server binding from the namespace: %s

**Explanation:** The call to retrieve the server's bindings from the namespace failed

**Action:** Check the namespace for errors

**0x115ca063 dts\_s\_binding\_inq\_name**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't get remote server entry name: %s

**Explanation:** The call to retrieve the server's entry name failed

**Action:** Check the nameservice and endpoint maps for the Time Server entry

**0x115ca03b dts\_s\_cannot\_open\_audit\_trail**

**Severity:** Varies      **Component:** dts

**Text:** Cannot open the audit trail file

**Explanation:** An attempt to open the audit-trail file failed because the file does not have write permission.

**Action:** Check the file permissions and correct it to allow for write access.

**0x115ca0a1 dts\_s\_cell\_name**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to retrieve cell name: %s

**Explanation:** The attempt to retrieve the cell name from the configuration database failed

**Action:** Check validity of local configuration database

**0x115ca06e dts\_s\_cf\_hostname**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't retrieve this host's name from the configuration database: %s

**Explanation:** Retrieving the local host's name from the configuration database failed

**Action:** Probably a configuration error. Fix and restart

**0x115ca095 dts\_s\_cf\_profile\_name**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failure retrieving profile entry from host: %s

**Explanation:** An attempt to retrieve the name of the default profile failed

**Action:** Probably a configuration error. Fix and restart

**0x115ca042 dts\_s\_clerk\_request**

**Severity:** Error      **Component:** dts/dts\_s\_dtsdate

**Text:** RPC call ClerkRequestTime() to remote server failed: %s

**Explanation:** The ClerkRequestTime RPC call failed to the requested remote server

**Action:** Determine cause of failure and correct



**0x115ca043 dts\_s\_clockset**

**Severity:** Error      **Component:** dts/dts\_s\_events

**Text:** Clock was set: old time = %s, new time = %s

**Explanation:** The server has set the clock.

**Action:** None required.

**0x115ca017 dts\_s\_comm\_failure**

**Severity:** Varies      **Component:** dts

**Text:** Communication failure with time service

**Explanation:** General communications failure

**Action:** Check that DCE is running correctly on your node.

**0x115ca098 dts\_s\_control\_ep\_unregister**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Failed to unregister Control interface from the endpoint map: %s

**Explanation:** The RPC call to unregister the Control interface from the endpoint map failed

**Action:** Delete entry from endpoint map; otherwise, nothing

**0x115ca099 dts\_s\_control\_unexport**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Failed to unexport Control interface from the namespace: %s

**Explanation:** The RPC call to unregister the Control interface from the namespace failed

**Action:** Delete entry from the namespace; otherwise, nothing

**0x115ca025 dts\_s\_cp\_error**

**Severity:** Varies      **Component:** dts

**Text:** Error executing command:

**Explanation:** An error occurred executing a **dts** command.

**Action:** Re-issue the command

**0x115ca01b dts\_s\_cp\_init\_prs**

**Severity:** Varies      **Component:** dts

**Text:** Cannot initialize DTS command parser - reason:

**Explanation:** ?

**Action:** None required.

**0x115ca01a dts\_s\_cp\_init\_rpc**

**Severity:** Varies      **Component:** dts

**Text:** Control program cannot get rpc binding to DTS daemon - reason:

**Explanation:** ?

**Action:** None required.

**0x115ca00a dts\_s\_created**

**Severity:** Varies      **Component:** dts

**Text:** Time service already created

**Explanation:** An attempt was made to create a time server or time clerk entity on a system where one already existed.

**Action:** None required.

**0x115ca077 dts\_s\_db\_store\_uuid**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't store the dtsd ACL in the ACL file: %s

**Explanation:** An attempt to store the DTS ACL in the database failed

**Action:** DCE utilities error. Check utilities codes for more info

**0x115ca058 dts\_s\_dce\_error**

**Severity:** Error      **Component:** dts/dts\_s\_events

**Text:** DCE error %s

**Explanation:** DCE error occurred.

**Action:** Verify DCE operation and configuration.

**0x115ca04e dts\_s\_different\_epoch**

**Severity:** Warning      **Component:** dts/dts\_s\_general

**Text:** Current epoch %d, differs from epoch %d of server %s

**Explanation:** While attempting a synchronization, a server encountered a server whose epoch number did not match its own. The clock value from this differing server was ignored.

**Action:** Verify the epoch number of the server by using the **dts show** command. To change a server's epoch number issue the command **clock set -epoch integer**.

**0x115ca03e dts\_s\_dtsdate\_usage**

**Severity:** Error      **Component:** dts/dts\_s\_dtsdate

**Text:** Usage: dtsdate [-s] [-q] [-u] hostname [skew-seconds]

**Explanation:** This is the appropriate set of command line arguments

**Action:** Re-run command with appropriate arguments

**0x115ca024 dts\_s\_dtsd\_comm**

**Severity:** Varies      **Component:** dts

**Text:** Cannot contact dts daemon - rpc failure:

**Explanation:** An attempt was made to restart the DTS daemon; however, an rpc error occurred.

**Action:** Make sure that the dts daemon is running; if not, see the DTS Administration documentation on how to restart

**0x115ca068 dts\_s\_entry\_object\_inq\_begin**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't retrieve UUID for server %s from the namespace: %s

**Explanation:** An attempt to retrieve the server's UUID failed

**Action:** Check the namespace for errors

**0x115ca067 dts\_s\_entry\_object\_inq\_next**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't retrieve UUID for server %s from the namespace: %s

**Explanation:** An attempt to retrieve the server's UUID failed

**Action:** Check the namespace for server's entry

**0x115ca004 dts\_s\_epoch\_range**

**Severity:** Varies      **Component:** dts

**Text:** Epoch out of range or not different from current epoch

**Explanation:** An attempt was made to change the epoch, but the number given was out of range

**Action:** Re-enter the command using an integer from 0 to 255

**0x115ca08a dts\_s\_ep\_register\_controlv2**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to register Time Control Version 2.0 interface with endpoint map: %s

**Explanation:** The RPC call to register the Time Contro V2 interface with the endpoint map failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca08b dts\_s\_ep\_register\_serviceability**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to register Serviceability interface with endpoint map: %s

**Explanation:** The RPC call to register the Serviceability interface with the endpoint map failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca06a dts\_s\_ep\_register\_tp**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register Global Time Server interface: %s

**Explanation:** An attempt to register the Global Time Server interface failed

**Action:** Check RPC status codes for the reason for the error

**0x115ca041 dts\_s\_ep\_resolve\_binding**

**Severity:** Error      **Component:** dts/dts\_s\_dtsdate

**Text:** Couldn't obtain binding to remote time server %s using protocol %s: %s

**Explanation:** A complete binding handle couldn't be obtained from the server requested

**Action:** See if the remote host is running a DTS time server

**0x115ca011 dts\_s\_error\_create**

**Severity:** Varies      **Component:** dts

**Text:** An error occurred while creating the time service

**Explanation:** ?

**Action:** Fix and restart.

**0x115ca054 dts\_server\_epoch\_changed**

**Severity:** Notice      **Component:** dts/dts\_s\_events

**Text:** Epoch Change completed, old epoch = %d, new epoch = %d

**Explanation:** Time epoch modified.

**Action:** None required.

**0x115ca053 dts\_server\_no\_memory**

**Severity:** Fatal      **Component:** dts/dts\_s\_events

**Text:** Insufficient virtual memory

**Explanation:** Memory allocation failed.

**Action:** Try increasing swap space.

**0x115ca052 dts\_server\_not\_responding**

**Severity:** Warning      **Component:** dts/dts\_s\_events

**Text:** Server %s not responding, error return is %s

**Explanation:** An attempt was made to query a global server and the time-out setting elapsed the number of times specified by the **queryattempts** attribute. The server is removed from the system list of global servers.

**Action:** The default setting for the **globaltimeout** attribute is 15 seconds. Because of communications delays on WAN links, you may need to adjust this setting to avoid this error. Advertise the server as a global server. Increase the **global set timeout** setting. If the error persists, check for problems with the communications link.

**0x115ca03c dts\_s\_exiting**

**Severity:** Varies      **Component:** dts

**Text:** Server exiting

**Explanation:** Server received interrupt or shut down request.

**Action:** None required.

**0x115ca070 dts\_s\_export\_acl\_if**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't export the ACL manager interface: %s

**Explanation:** An attempt to export the ACL manager interface failed

**Action:** Utilities component error. Check utilities error codes for more information

**0x115ca08c dts\_s\_export\_control**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to export Time Control interface to the namespace: %s

**Explanation:** The RPC call to export the Time Control interface to the namespace failed

**Action:** This is an RPC namespace error. Refer to RPC codes for more information

**0x115ca06b dts\_s\_export\_gts**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't export Global Time Server entry to the namespace: %s

**Explanation:** The binding\_export() call to the namespace failed

**Action:** Check the namespace for errors

**0x115ca092 dts\_s\_export\_tservicev1**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to export Time Control V1 interface to the namespace: %s

**Explanation:** The RPC call to export the Time Control V1 interface with the namespace failed

**Action:** Probably a configuration error. Fix and restart

**0x115ca094 dts\_s\_export\_tservicev2**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to export Time Control V2 interface to the namespace: %s

**Explanation:** The RPC call to export the Time Control V2 interface to the namespace failed

**Action:** This is an RPC namespace error. Check RPC status code for more info

**0x115ca015 dts\_s\_failed**

**Severity:** Varies      **Component:** dts

**Text:** Failure

**Explanation:** General failure code

**Action:** None required.

**0x115ca073 dts\_s\_fetch\_uid**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't retrieve the ACL for the dtsd: %s

**Explanation:** The utilities call to fetch the dtsd ACL failed

**Action:** DCE utilities error. Check utilities codes for more info

**0x115ca05f dts\_s\_get\_cell\_name**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Retrieval of DCE cell name failed: %s

**Explanation:** The dce\_cf\_get\_cell\_name() function call failed.

**Action:** Probably a configuration error. Look in configuration file

**0x115ca090 dts\_s\_get\_expiration**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't get the expiration time of server's credentials: %s

**Explanation:** The RPC call to retrieve the TGT lifetime for the server's identity failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca060 dts\_s\_get\_profile\_name**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Can't resolve profile name: %s

**Explanation:** The GetProfileName() function call failed.

**Action:** Probably profile found but default entry does not refer to another profile

**0x115ca046 dts\_s\_global\_nointersect**

**Severity:** Warning      **Component:** dts/dts\_s\_events

**Text:** Global server %s returned time %s which does not intersect computed time %s

**Explanation:** During synchronization, the time-provider (TP) server detected that the time for a global server does not intersect with the TP.

**Action:** None required.

**0x115ca005 dts\_s\_has\_provider**

**Severity:** Varies      **Component:** dts

**Text:** Command illegal while a time provider is present

**Explanation:** An attempt was made to set the **courier role** to **courier**. The server system, however, is connect to a time provider, which means the **courier role** must be **noncourier**. This is set automatically and cannot be changed

**Action:** None required.



**0x115ca0a3 dts\_s\_id\_parse\_name**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to retrieve Cell UUID: %s

**Explanation:** The attempt to retrieve the Cell UUID given the cell name failed

**Action:** This is a Security error: check security error codes for more information

**0x115ca07e dts\_s\_init\_mgmt\_acl**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't initialize the dts daemon management ACL: %s

**Explanation:** An attempt to initialize the dts daemon management ACL failed

**Action:** This is a DCE utilities error. Check utilities error codes

**0x115ca0a6 dts\_s\_inq\_attr**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Failure in retrieving DTS attributes from dced: %s

**Explanation:** A dce\_server\_inq\_attr() call for dtsd configuration attributes failed for the stated reason

**Action:** Fix and restart the dtsd

**0x115ca089 dts\_s\_inq\_bindings**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to retrieve server bindings from RPC runtime: %s

**Explanation:** The RPC call rpc\_server\_inq\_bindings failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca064 dts\_s\_inq\_server\_princ**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't get remote server's principal name: %s

**Explanation:** The call to retrieve the server's entry name failed

**Action:** Check the name service and endpoint maps

**0x115ca03f dts\_s\_interface\_id**

**Severity:** Error      **Component:** dts/dts\_s\_dtsdate

**Text:** Couldn't extract interface ID from time service interface: %s

**Explanation:** The rpc\_if\_inq\_id() function returned a DCE status code indicating failure

**Action:** Determine cause of failure and re-run the command

**0x115ca0ab dts\_s\_invalid\_attr\_value**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** An invalid value (%s) was entered for the attribute %s\n

**Explanation:** An invalid or out-of-range value was entered for the specified attribute

**Action:** Fix and restart the dtsd

**0x115ca0a9 dts\_s\_invalid\_type**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Unknown attribute type found in internal table\n

**Explanation:** This is a dtsd internal error, and should never happen

**Action:** Report to your DCE provider

**0x115ca006 dts\_s\_is\_started**

**Severity:** Varies      **Component:** dts

**Text:** Time service has already been started

**Explanation:** An attempt was made to enable a DTS entity that is already functioning

**Action:** None required.

**0x115ca047 dts\_s\_local\_nointersect**

**Severity:** Warning      **Component:** dts/dts\_s\_events

**Text:** Local server %s returned time %s which does not intersect computed time %s

**Explanation:** During synchronization, the time-provider (TP) server detected that the time for a local server does not intersect with the TP.

**Action:** None required.

**0x115ca086 dts\_s\_mgmt\_srvr\_listening**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Error in rpc\_mgmt\_is\_server\_listing() call: %s

**Explanation:** The RPC call rpc\_mgmt\_is\_server\_listening unexpectedly failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca0a5 dts\_s\_mgmt\_srvr\_listen\_timeout**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** dtsd server still isn't accepting RPC connections after %d seconds

**Explanation:** The dtsd server had not issued an rpc\_server\_listen() call after the indicated number of seconds

**Action:** Check logs for problems in the dtsd initializing, or failures in other components, such as the directory service

**0x115ca034 dts\_s\_mgt\_no\_read**

**Severity:** Varies      **Component:** dts

**Text:** Must have read permission for the DTS entity

**Explanation:** The attempted operation requires read permission, which the user does not have for this DTS entity.

**Action:** You cannot perform the operation unless you acquire read permission for the entity.

**0x115ca035 dts\_s\_mgt\_no\_write**

**Severity:** Varies      **Component:** dts

**Text:** Must have write permission for the DTS entity

**Explanation:** An attempt was made to execute a command on a DTS entity. The operation, however, requires write permission on the ACL associated with the DTS entity.

**Action:** Ensure that you have write access on the ACL associated with the desired DTS entity and retry the operation. If you need to run **dtssd**, you must be the machine principal on the local host on which you are trying to run **dtssd**.

**0x115ca036 dts\_s\_mgt\_unauthn**

**Severity:** Varies      **Component:** dts

**Text:** The DTS control program is not authenticated:

**Explanation:** The DTS control program does not have the proper DCE authentication

**Action:** None required.

**0x115ca0ac dts\_s\_mutexattr\_create**

**Severity:** Fatal      **Component:** dts/dts\_s\_error

**Text:** Failed to create dtssd global data mutex attribute

**Explanation:** An unexpected failure in creating a mutex attribute occurred

**Action:** Fix and restart the dtssd

**0x115ca0ae dts\_s\_mutexattr\_setkind**

**Severity:** Fatal      **Component:** dts/dts\_s\_error

**Text:** Failed to set mutex attributed kind

**Explanation:** An unexpected failure in setting the kind of a mutex attribute occurred

**Action:** Fix and restart the dtssd

**0x115ca0ad dts\_s\_mutex\_init**

**Severity:** Fatal      **Component:** dts/dts\_s\_error

**Text:** Failed to initialize dtssd global data mutex attribute

**Explanation:** An unexpected failure in initializing a mutex occurred

**Action:** Fix and restart the dtssd

**0x115ca051 dts\_s\_no\_global\_servers**

**Severity:** Notice      **Component:** dts/dts\_s\_events

**Text:** No global servers detected

**Explanation:** An attempted synchronization that required a global server failed. No global server was detected. This may occur because you have not advertised a server as a global server or because the link is down to the global server.

**Action:** Use the **dts catalog** command to confirm that there is a global server configured. If there is not, then use the **dts configure** command to set one. If there is, then there must be a problem with the link to the network where the global server is located. Check for network problems.

**0x115ca009 dts\_s\_nopriv**

**Severity:** Varies      **Component:** dts

**Text:** Access denied for attempted operation

**Explanation:** An attempt was made to execute a dts command for which you do not have permission. Generally, you need write permission on the ACL associated with the DTS entity in order to execute a dts command. The **dtsd** command can only be started by the local host machine principal.

**Action:** Ensure that you have write access on the ACL associated with the desired DTS entity and retry the operation. If you need to run **dtsd**, you must be the machine principal on the local host on which you are trying to run **dtsd**.

**0x115ca059 dts\_s\_no\_profile**

**Severity:** Error      **Component:** dts/dts\_s\_events

**Text:** LAN profile not found

**Explanation:** LAN profile not found in name service

**Action:** Verify name service and DCE operation.

**0x115ca001 dts\_s\_normal**

**Severity:** Varies      **Component:** dts

**Text:** Successful completion

**Explanation:** Operation performed

**Action:** None required.

**0x115ca00b dts\_s\_not\_created**

**Severity:** Varies      **Component:** dts

**Text:** Time service has not been created

**Explanation:** An attempt was made to issue the **dts activate** command for a DTS entity; however, the entity has not been created.

**Action:** Create the DTS entity and then issue the **dts activate** command.

**0x115ca00c dts\_s\_not\_enabled**

**Severity:** Varies      **Component:** dts

**Text:** Time service has not been enabled

**Explanation:** An attempt was made to issue a command for a DTS entity that is not enabled.

**Action:** Issue the **dts activate** command for the DTS entity and retry the desired operation

**0x115ca019 dts\_s\_not\_global\_server**

**Severity:** Varies      **Component:** dts

**Text:** Not a global time server

**Explanation:** An attempt was made to issue the **dts configure** command to remove a global server. The server, however, was not a global server.

**Action:** To determine which global servers are known to the node, issue the **dts show** command. You can then use **dts configure** to remove those you no longer want.

**0x115ca00d dts\_s\_no\_time\_updated**

**Severity:** Varies      **Component:** dts

**Text:** New time not contained in current time interval

**Explanation:** An attempt was made to adjust the system clock to a new time; however, the new time would be less accurate than the current time.

**Action:** Retry the operation making sure that the new time and inaccuracy you specify forms a smaller interval than the current system interval. That is, the new setting must be more accurate than the current setting. The minimum inaccuracy achievable with the **update** command is approximately 1 second. Any lower setting is not recommended.

**0x115ca05a dts\_s\_not\_in\_group**

**Severity:** Warning      **Component:** dts/dts\_s\_events

**Text:** Server %s not in security group %s

**Explanation:** A global server from a remote cell was added to the local cell profile; however, the name of the server was not added to the security group.

**Action:** You must add the name of the server to the `./:/subsys/dce/dts-servers` security group using the `dcecp` security command `group add`. You must have write permission to edit the registry database.

**0x115ca00e dts\_s\_not\_server**

**Severity:** Varies      **Component:** dts

**Text:** Command only valid for servers

**Explanation:** An attempt was made to issue a command against a DTS clerk entity; the command is only valid for a DTS server entity.

**Action:** None required.

**0x115ca013 dts\_s\_open\_decnet**

**Severity:** Varies      **Component:** dts

**Text:** Cannot open decnet port

**Explanation:** An attempt was made to access a node through an decnet port; however, the port was unavailable.

**Action:** Wait and retry the operation.

**0x115ca012 dts\_s\_open\_ethernet**

**Severity:** Varies      **Component:** dts

**Text:** Cannot open ethernet port

**Explanation:** An attempt was made to access a node through an ethernet port; however, the port was unavailable

**Action:** Wait and retry the operation

**0x115ca09f dts\_s\_pgo\_is\_member**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to determine if server is in security group: %s

**Explanation:** The attempt to determine if the server is in the server group failed

**Action:** This is a Security error. Check RPC status code for more info

**0x115ca0a4 dts\_s\_pgo\_name\_id**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to convert host name to host UUID: %s

**Explanation:** The attempt to retrieve the host UUID using the host name failed

**Action:** This is a Security failure: check security error codes for more information

**0x115ca0a0 dts\_s\_prin\_host**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't retrieve machine principal name: %s

**Explanation:** The attempt to retrieve the machine principals name for this host from the configuration database failed

**Action:** Check validity of local configuration database

**0x115ca096 dts\_s\_profile\_begin**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't initialize search of node's initial profile: %s

**Explanation:** The RPC call to initialize an element search of a profile failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca06d dts\_s\_profile\_remove**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't delete server entry from LAN/Cell profile: %s

**Explanation:** The call to remove the servers entry from the LAN/WAN profile failed

**Action:** Check for namespace problems.



**0x115ca055 dts\_s\_provider\_failed**

**Severity:** Warning      **Component:** dts/dts\_s\_events

**Text:** Time provider failure detected

**Explanation:** Time provider error found.

**Action:** Verify time provider configuration

**0x115ca056 dts\_s\_provider\_timeout**

**Severity:** Warning      **Component:** dts/dts\_s\_events

**Text:** Time provider timeout detected

**Explanation:** An attempt was made to query a local server and the time-out setting elapsed the number of times specified by the **queryattempts** attribute.

**Action:** Increase the number specified in the **queryattempts** attribute. The default is 3.

**0x115ca021 dts\_s\_prsact\_fatal**

**Severity:** Varies      **Component:** dts

**Text:** Fatal error parsing command:

**Explanation:** A fatal error was detected while parsing the specified command

**Action:** None required.

**0x115ca01f dts\_s\_prsfile\_fatal**

**Severity:** Varies      **Component:** dts

**Text:** Fatal command parser error reading table %s

**Explanation:** A fatal error occurred while reading the indicated table.

**Action:** None required.

**0x115ca020 dts\_s\_prsfile\_format**

**Severity:** Varies      **Component:** dts

**Text:** Illegal format - parse table file %s

**Explanation:** A format error was discovered in the named parse table file

**Action:** None required.

**0x115ca01c dts\_s\_prsfile\_open**

**Severity:** Varies      **Component:** dts

**Text:** Cannot open parse table file %s

**Explanation:** An attempt to open a parse table file failed.

**Action:** None required.

**0x115ca01d dts\_s\_prsfile\_read**

**Severity:** Varies      **Component:** dts

**Text:** Cannot read parse table file %s

**Explanation:** An attempt to read a parse table file failed.

**Action:** None required.

**0x115ca01e dts\_s\_prsfile\_version**

**Severity:** Varies      **Component:** dts

**Text:** Obsolete command parse table %s

**Explanation:** An obsolete command parse table file was discovered.

**Action:** None required.

**0x115ca023 dts\_s\_prs\_unknown**

**Severity:** Varies      **Component:** dts

**Text:** Unknown fatal command parser error

**Explanation:** An unknown error occurred whilst parsing.

**Action:** None required.

**0x115ca05c dts\_s\_read\_bindings**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to read string bindings for local dts from file: %s

**Explanation:** An attempt to read the string bindings for the local dtsd from the bindings file failed

**Action:** The OS diagnostic is printed out as part of the message. Fix and restart

**0x115ca008 dts\_s\_read\_only**

**Severity:** Varies      **Component:** dts

**Text:** Attempt to modify a read-only attribute

**Explanation:** An attempt was made to issue the **dts modify** command an attribute that is read-only.

**Action:** Retry the command with an acceptable attribute and value. Check the **dts modify** man page to determine those attribute that are acceptable

**0x115ca08f dts\_s\_refresh\_identity**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to refresh the server's identity: %s

**Explanation:** The RPC call to refresh the DTS server's identity for its login context failed

**Action:** This is a security failure. Check RPC and security failure codes

**0x115ca06f dts\_s\_register\_acl\_if**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register the ACL manager interface: %s

**Explanation:** An attempt to register the ACL manager interface failed

**Action:** Utilities component error. Check utilities error codes for more information

**0x115ca045 dts\_s\_resetlocal**

**Severity:** Error      **Component:** dts/dts\_s\_events

**Text:** Local clock was not intersecting: local time = %s, computed time = %s. It has been reset.

**Explanation:** During an attempted synchronization, DTS detected that the local clock's value and its inaccuracy did not intersect with those servers used for

synchronization. Since the faulty time interval supplied by the clock was outside the bounds of the attribute **tolerance**, DTS immediately resets the clock.

**Action:** If you wish to have the clock set gradually in the future, increase the **tolerance** attribute. If you are satisfied with the adjustment, then no action is required.

**0x115ca0a2 dts\_s\_rgy\_site\_open**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't open Registry site for security info: %s

**Explanation:** The attempt to open a context for the Security registry failed

**Action:** This is a Security error; check security error codes for more information

**0x115ca0b2 dts\_s\_routing\_switch**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Bad argument given to -w switch: %s

**Explanation:** An invalid serviceability routing value was given as an argument to the -w switch

**Action:** Fix and restart the daemon

**0x115ca071 dts\_s\_rpc\_sm\_enable**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to initialize RPC memory allocation: %s

**Explanation:** An attempt to rpc\_sm\_enable\_allocate() failed

**Action:** RPC error. Check RPC status codes for more info

**0x115ca065 dts\_s\_sec\_id\_parse**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't parse the remote Time Server's principal name: %s

**Explanation:** The call to parse the server's principal name failed

**Action:** Determine cause of error for the error message

**0x115ca08d dts\_s\_sec\_key\_mgmt**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failure in sec\_key\_mgmt\_manage\_key() routine: %s

**Explanation:** The security call to automatically change a principal's key before it expires failed

**Action:** This is a RPC security error. Check RPC status codes for more information

**0x115ca0b1 dts\_s\_security\_init**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Error retrieving security configuration information: %s

**Explanation:** An error occurred when retrieving the security configuration information for the dts daemon

**Action:** Fix and restart the daemon

**0x115ca080 dts\_s\_select\_strbind**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Couldn't select a string binding for the Time Provide Interface: %s

**Explanation:** The dtsd couldn't create a string binding for a local Time Provider interface

**Action:** This is an RPC error. Check RPC errors for more info

**0x115ca0a8 dts\_s\_server\_only**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** The attribute %s is not settable when dtsd is running as a clerk\n

**Explanation:** Certain variables can only be set when dtsd is running as a server.

**Action:** Remove this variable from the set of configuration attributes

**0x115ca07f dts\_s\_server\_reg\_auth\_info**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't register server authentication info: %s

**Explanation:** An attempt to register the server authentication info failed

**Action:** This is a security error. Check security errors for more information

**0x115ca007 dts\_s\_servers\_range**

**Severity:** Varies      **Component:** dts

**Text:** Server value out of range

**Explanation:** An attempt was made to set the **minservers** attribute; however, the value was not within the legal range

**Action:** Retry the command using a value from 1-10 for the **minservers** attribute. It is recommended that you set the value to 3 or more. The default setting is 3. A smaller value will cause the synchronized time to be a less reliable measure of the Coordinated Universal Time (UTC).

**0x115ca09b dts\_s\_service\_ep\_unreister**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to unregister Service interface from the endpoint map: %s

**Explanation:** The RPC call to unregister the Service interface from the endpoint map failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca09a dts\_s\_service\_unexport**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to unexport Service interface from the namespace: %s

**Explanation:** The RPC call to unregister the Service interface from the namespace failed

**Action:** Delete entry from namespace; otherwise, nothing

**0x115ca037 dts\_s\_serv\_not\_in\_ts\_group**

**Severity:** Varies      **Component:** dts

**Text:** Server not a member of time servers security group

**Explanation:** The specified time server is not a member of the time servers security group

**Action:** Fix and restart

**0x115ca066 dts\_s\_set\_auth\_info**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Couldn't set authorization info for server %s: %s

**Explanation:** An attempt to set security authorization for the given server failed

**Action:** Determine cause from error message; fix, and rerun

**0x115ca014 dts\_s\_set\_error**

**Severity:** Varies      **Component:** dts

**Text:** Cannot set value

**Explanation:** An attempt was made to modify a attribute of a DTS entity, but an error occurred (invalid value, or out of range).

**Action:** Ensure that the value is acceptable for the attribute and retry the operation. Check the **dts modify** man page for legal values for each attribute.

**0x115ca062 dts\_s\_set\_exp\_age**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to set the expiration age for server binding handle: %s

**Explanation:** The call to set the expiration age of the binding handle for the specified server failed

**Action:** This is an RPC failure. Check RPC status code for more info

**0x115ca018 dts\_s\_shut\_down**

**Severity:** Varies      **Component:** dts

**Text:** The time service has shut down

**Explanation:** The time service has shut down and is not responding to requests.

**Action:** None required.

**0x115ca04c dts\_s\_shutdown\_complete**

**Severity:** Notice      **Component:** dts/dts\_s\_general

**Text:** Shutdown complete

**Explanation:** Server shutdown done.

**Action:** None required.

**0x115ca087 dts\_s\_srvr\_controlv2**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to register Time Control Version 2.0 interface with runtime: %s

**Explanation:** The RPC call to register the Time Control V2 interface failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca088 dts\_s\_srvr\_serviceability**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to register Serviceability interface with runtime: %s

**Explanation:** The RPC call to register the Serviceability interface failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca038 dts\_s\_starting**

**Severity:** Varies      **Component:** dts

**Text:** Server started

**Explanation:** The server is ready to process requests.

**Action:** None required.

**0x115ca04b dts\_s\_startup\_done**

**Severity:** Notice      **Component:** dts/dts\_s\_general

**Text:** Startup completed

**Explanation:** Server initialization done.

**Action:** None required.

**0x115ca04d dts\_s\_startup\_done\_set**

**Severity:** Notice      **Component:** dts/dts\_s\_general



**Text:** Startup completed

**Explanation:** Server initialization done; clock set.

**Action:** None required.

**0x115ca03d dts\_s\_superuser**

**Severity:** Error      **Component:** dts/dts\_s\_dtsdate

**Text:** You must be superuser to adjust the clock

**Explanation:** You must have special privileges to set the system clock

**Action:** Obtain appropriate privileges and re-run the command

**0x115ca097 dts\_s\_svc\_ep\_unregister**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Failed to unregister Serviceability interface from the endpoint map: %s

**Explanation:** The RPC call to unregister the Serviceability interface from the endpoint map failed

**Action:** Delete entry from endpoint map; otherwise, nothing

**0x115ca048 dts\_s\_sync\_complete**

**Severity:** Notice      **Component:** dts/dts\_s\_sync

**Text:** Synchronization completed, computed time = %s, adjustment = %s

**Explanation:** Time synchronization done.

**Action:** None required.

**0x115ca002 dts\_s\_synching**

**Severity:** Varies      **Component:** dts

**Text:** Command illegal while synchronization in progress

**Explanation:** An attempt was made to issue a command that is illegal during a synchronization

**Action:** Wait until synchronization completes and retry the command

**0x115ca057 dts\_s\_system\_error**

**Severity:** Error      **Component:** dts/dts\_s\_events

**Text:** Local system error %s

**Explanation:** Local operating system error occurred.

**Action:** Verify system operation.

**0x115ca04a dts\_s\_too\_few\_servers**

**Severity:** Warning      **Component:** dts/dts\_s\_config

**Text:** Too few servers (%ld), need %ld servers

**Explanation:** An attempt was made to synchronize the clocks, but fewer than three servers were available. To compute a reliable time, a minimum of three servers is required. If **minservers** is set to more than three and you receive this error, then the required number were not available for synchronization.

**Action:** Correct the cell configuration to include at least three servers. If **minservers** is set to more than three, then the link to a server must be down. Either wait until the link is restored, or reconfigure your network so that three will always be available. See the section on 'Configuration Planning for WANs and WAN Links' in the *OSF DCE Administration Guide—Core Components* for additional information on configuring your time servers.

**0x115ca04f dts\_s\_toomany\_servers**

**Severity:** Warning      **Component:** dts/dts\_s\_config

**Text:** Too many servers (%d), only %d supported

**Explanation:** Ignoring extra servers

**Action:** Verify cell configuration.

**0x115ca085 dts\_s\_tp\_auth\_info**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Couldn't add authentication to the Time Provider binding: %s

**Explanation:** The attempt to add authentication to the binding handle for the Time Provider failed

**Action:** This is a DCE security error. Check Security codes for more information

**0x115ca081 dts\_s\_tp\_binding**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Couldn't generate a binding for the Time Provider Interface: %s

**Explanation:** The dtsd couldn't create a string binding for a local Time Provider interface

**Action:** This is an RPC error. Check RPC errors for more info

**0x115ca082 dts\_s\_tp\_ep\_begin**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Couldn't initiate search for Time Provider Interface in endpoint map: %s

**Explanation:** The dtsd couldn't begin the search for the Time Provider interface in the endpoint map

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca083 dts\_s\_tp\_ep\_next**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Couldn't continue search for Time Provider Interface in endpoint map: %s

**Explanation:** The search for the Time Provider interface in the endpoint map failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca084 dts\_s\_tp\_name\_search**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** Couldn't return the server principal name for the Time Provider Interface: %s

**Explanation:** An error occurred when trying to retrieve the server principal name for the Time Provider

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca09c dts\_s\_tserver\_profile\_remove**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to remove Service interface from the profile %s: %s

**Explanation:** The RPC call to remove the Service name from the specified profile failed

**Action:** Delete entry from endpoint map; otherwise, nothing

**0x115ca091 dts\_s\_tservicev1\_ep\_register**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to register Time Control V1 interface with endpoint map: %s

**Explanation:** The RPC call to register the Time Service V1 interface with the endpoint map failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca093 dts\_s\_tservicev1\_profile\_add**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to add Time Service entry to LAN profile %s: %s

**Explanation:** The RPC call to add the Time Service interface to the LAN profile failed

**Action:** This is an RPC error. Check RPC status code for more info

**0x115ca09e dts\_s\_unexport\_acl\_mgr**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to unexport dtsd ACL manager interface: %s

**Explanation:** The attempt to unexport the ACL manager interface failed

**Action:** Delete entry from namespace; otherwise, nothing

**0x115ca09d dts\_s\_unregister\_acl\_mgr**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to unregister dtsd ACL manager interface: %s

**Explanation:** The attempt to unregister the ACL manager interface failed

**Action:** Delete entry from endpoint map; otherwise, nothing

**0x115ca049 dts\_s\_update\_complete**

**Severity:** Notice      **Component:** dts/dts\_s\_sync

**Text:** Update command executed, old time = %s, new time = %s

**Explanation:** Time update done.

**Action:** None required.

**0x115ca003 dts\_s\_updating\_time**

**Severity:** Varies      **Component:** dts

**Text:** Command illegal while update time is in progress

**Explanation:** An attempt was made to issue a command that is illegal during an update time operation

**Action:** Wait until the update completes and retry the command

**0x115ca0b0 dts\_s\_usage\_error**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Usage: dtstd -d -c -s -g -k courier\|noncourier -o -w service

**Explanation:** An invalid command line switch was entered

**Action:** The permitted arguments are listed in the usage message

**0x115ca0b3 dts\_s\_user\_reset**

**Severity:** Warning      **Component:** dts/dts\_s\_error

**Text:** User reset clock using 'clock set'

**Explanation:** A synchronization failed because a user issued a 'clock set' command during the synchronization

**Action:** None necessary. DTS will synchronize automatically

**0x115ca040 dts\_s\_uuid\_to\_string**

**Severity:** Error      **Component:** dts/dts\_s\_dtstdate

**Text:** Couldn't convert time service interface UUID to string: %s

**Explanation:** The RPC function uuid\_to\_string() failed

**Action:** Determine cause of failure and re-run the command

**0x115ca08e dts\_s\_validate\_srvr\_id**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to validate the servers identity: %s

**Explanation:** The attempt to validate the server's identity failed

**Action:** This is an RPC security error. Check RPC status code for more info

**0x115ca05b dts\_s\_write\_bindings**

**Severity:** Error      **Component:** dts/dts\_s\_error

**Text:** Failed to write local string bindings for dtsd to file: %s

**Explanation:** The attempt by dtsd to write it's local string bindings into the .../var/adm/time directory failed

**Action:** The OS diagnostic is printed out as part of the message. Fix and restart

**0x115ca016 dts\_s\_wrong\_state**

**Severity:** Varies      **Component:** dts

**Text:** Time service in wrong state

**Explanation:** An attempt was made to delete an entity, but the state was **on**; or an attempt was made to disable or synchronize an entity, but the state was **off**.

**Action:** To delete an entity, first be sure you have disabled it. To disable or synchronize and entity, first be sure you have enabled it. Then retry the desired command.

———— **EAGAIN**

**Severity:** Warning      **Component:** Threads

**Text:** Resource temporarily unavailable

**Explanation:** If returned by the following routines, the system lacks the necessary resources to complete the operation.

- **pthread\_cond\_init**
- **pthread\_create**
- **pthread\_mutex\_init**

If returned by the **pthread\_cond\_timedwait** routine, the time specified by *abstime* expired before the event being waited on transpired.

**Action:** In most situations, this is a temporary condition, and later calls to the same routine should complete normally.

## ———— EBUSY

**Severity:** Warning      **Component:** Threads

**Text:** Resource busy

**Explanation:** If returned by the **pthread\_cond\_destroy** routine, an attempt was made to delete a condition variable for a thread that was executing a **pthread\_cond\_timewait()** routine or a **pthread\_cond\_wait()** routine.

If returned by the **pthread\_mutex\_destroy** routine, an attempt was made to delete a mutex that is locked (has a current owner).

**Action:** If you still wish to delete the condition variable, wait until the **pthread\_cond\_timewait()** or **pthread\_cond\_wait()** routines complete and try again.

A locked mutex is owned by the thread that calls it using the **pthread\_mutex\_lock** routine. It remains locked until the same thread unlocks it. If no threads are waiting for the mutex, it can be unlocked by using the **pthread\_mutex\_unlock** routine. It can then be deleted.

## ———— EDEADLK

**Severity:** Warning      **Component:** Threads

**Text:** Resource deadlock avoided

**Explanation:** The attempted operation would have resulted in one or more threads being permanently blocked from executing. This situation occurs when a thread must wait on a resource that is held by another thread. This error is returned by the following routines:

- **pthread\_cond\_timedwait**
- **pthread\_cond\_wait**
- **pthread\_mutex\_lock**
- **pthread\_join**

**Action:** To avoid a deadlock situation, you can use the following technique:

1. Associate a sequence number with each mutex.
2. Lock mutexes in sequence
3. Do not attempt to lock a mutex with a sequence number lower than that of a mutex the thread already holds.

In addition, if a thread needs to lock the same mutex more than once before unlocking it, specify a recursive mutex in your call to **pthread\_mutexattr\_setkind\_np()**.

## ——— EINTR

**Severity:** Error      **Component:** Threads

**Text:** Invalid argument

**Explanation:** An invalid argument was supplied to a routine. This error can be returned by a number of pthread routines. Generally, the error occurs in one of the following arguments:

- *abstime*
- *attr*
- *cond*
- *delta*
- *interval*
- *key*
- *mutex*
- *thread*
- *value*

**Action:** Corrective action is dependent on the routine you were calling. For example, when calling the **pthread\_cond\_timewait** routine and using the *abstime* argument, you could get this error if the current time equals or exceeds the expiration time. To obtain a value for *abstime*, use the **pthread\_get\_expiration\_np** routine. If you receive this error when calling a routine that takes an argument of *thread*, be sure you have named an existing thread. For more information about arguments for specific routines, see the *Application Development Reference*.



**0x17083006 ek\_bad\_field**

**Severity:** Varies      **Component:** sad

**Text:** The specified field is not part of data set of the specified operation (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083002 ek\_bad\_format**

**Severity:** Varies      **Component:** sad

**Text:** Data string format not valid for the specified field (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083007 ek\_bad\_op\_id**

**Severity:** Varies      **Component:** sad

**Text:** Unknown operation identifier (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708302a ek\_err\_acct\_does\_not\_exist**

**Severity:** Varies      **Component:** sad

**Text:** Account does not exist (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083029 ek\_err\_acct\_exists**

**Severity:** Varies      **Component:** sad

**Text:** Account already exists (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083045 ek\_err\_attr\_bad\_enc\_type**

**Severity:** Varies      **Component:** sad

**Text:** Invalid encoding type (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083046 ek\_err\_attr\_bad\_name\_chars**

**Severity:** Varies      **Component:** sad

**Text:** Attribute name contains an illegal character (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083047 ek\_err\_attr\_name\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Attribute name too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083044 ek\_err\_auth\_pley\_unauth**

**Severity:** Varies      **Component:** sad

**Text:** Not authorized to modify the authentication policy (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083035 ek\_err\_bad\_date**

**Severity:** Varies      **Component:** sad

**Text:** Dates must be in the format [yy]yy/mm/dd (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083037 ek\_err\_bad\_id**

**Severity:** Varies      **Component:** sad

**Text:** UUID is badly formatted or out of range (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708303b ek\_err\_bad\_lifespan**

**Severity:** Varies      **Component:** sad

**Text:** Lifespan is not a number or in valid format (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708303d ek\_err\_bad\_passwd\_len**

**Severity:** Varies      **Component:** sad

**Text:** Minimum passwd length specification out of range (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083023 ek\_err\_bad\_unix\_num**

**Severity:** Varies      **Component:** sad

**Text:** Unix id out of range (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083040 ek\_err\_data\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Data is too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083036 ek\_err\_date\_out\_of\_range**

**Severity:** Varies      **Component:** sad

**Text:** Date out of supported range (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083030 ek\_err\_fullname\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Full name text is too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083042 ek\_err\_g\_mbr\_unauth**

**Severity:** Varies      **Component:** sad

**Text:** Not authorized to modify group membership (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083015 ek\_err\_group\_bad\_name\_chars**

**Severity:** Varies      **Component:** sad

**Text:** Group name contains an illegal character (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708301e ek\_err\_group\_does\_not\_exist**

**Severity:** Varies      **Component:** sad

**Text:** Group does not exist (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708301b ek\_err\_group\_exists**

**Severity:** Varies      **Component:** sad

**Text:** Group already exists (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083018 ek\_err\_group\_name\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Group name too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083032 ek\_err\_homedir\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Home directory pathname text is too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083038 ek\_err\_id\_exists**

**Severity:** Varies      **Component:** sad

**Text:** An object with the specified uuid is already defined (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083027 ek\_err\_incomplete\_login\_name**

**Severity:** Varies      **Component:** sad

**Text:** Incomplete account name (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708303a ek\_err\_int\_out\_of\_range**

**Severity:** Varies      **Component:** sad

**Text:** Too many digits in numeric data (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708303c ek\_err\_lifespan\_out\_of\_range**

**Severity:** Varies      **Component:** sad

**Text:** Lifespan out of range (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083028 ek\_err\_login\_name\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Account name is too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083031 ek\_err\_misc\_info\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Miscellaneous info text is too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083041 ek\_err\_name\_exists**

**Severity:** Varies      **Component:** sad

**Text:** An object with the specified name already exists (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083039 ek\_err\_non\_numeric**

**Severity:** Varies      **Component:** sad

**Text:** Non-numeric data encountered where numeric data was expected (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083022 ek\_err\_not\_member\_go**

**Severity:** Varies      **Component:** sad

**Text:** Principal is not a member of specified group and org (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083020 ek\_err\_not\_member\_group**

**Severity:** Varies      **Component:** sad

**Text:** Principal is not a member of specified group (Registry Edit kernel)

**Explanation:** ?

**Action:** None required

**0x17083021 ek\_err\_not\_member\_org**

**Severity:** Varies      **Component:** sad

**Text:** Principal is not a member of specified org (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083026 ek\_err\_no\_wildcard**

**Severity:** Varies      **Component:** sad

**Text:** Wildcards are not allowed in this context (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708303f ek\_err\_object\_exists**

**Severity:** Varies      **Component:** sad  
**Text:** Specified object already exists (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x17083043 ek\_err\_o\_mbr\_unauth**

**Severity:** Varies      **Component:** sad  
**Text:** Not authorized to modify org membership (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x17083016 ek\_err\_org\_bad\_name\_chars**

**Severity:** Varies      **Component:** sad  
**Text:** Organization name contains an illegal character (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x1708301f ek\_err\_org\_does\_not\_exist**

**Severity:** Varies      **Component:** sad  
**Text:** Organization does not exist (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x1708301c ek\_err\_org\_exists**

**Severity:** Varies      **Component:** sad  
**Text:** Organization already exists (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required



**0x17083019 ek\_err\_org\_name\_too\_long**

**Severity:** Varies      **Component:** sad  
**Text:** Organization name too long (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x17083048 ek\_err\_PAD6**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_err\_PAD6  
**Explanation:** ?  
**Action:** None required

**0x17083049 ek\_err\_PAD7**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_err\_PAD7  
**Explanation:** ?  
**Action:** None required

**0x1708304a ek\_err\_PAD8**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_err\_PAD8  
**Explanation:** ?  
**Action:** None required

**0x1708304b ek\_err\_PAD9**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_err\_PAD9  
**Explanation:** ?  
**Action:** None required

**0x1708304c ek\_err\_PADa**

**Severity:** Varies      **Component:** sad

**Text:** ek\_err\_PADa

**Explanation:** ?

**Action:** None required

**0x1708304d ek\_err\_PADb**

**Severity:** Varies      **Component:** sad

**Text:** ek\_err\_PADb

**Explanation:** ?

**Action:** None required

**0x1708304e ek\_err\_PADc**

**Severity:** Varies      **Component:** sad

**Text:** ek\_err\_PADc

**Explanation:** ?

**Action:** None required

**0x1708304f ek\_err\_PADd**

**Severity:** Varies      **Component:** sad

**Text:** ek\_err\_PADd

**Explanation:** ?

**Action:** None required

**0x17083050 ek\_err\_PADe**

**Severity:** Varies      **Component:** sad

**Text:** ek\_err\_PADe

**Explanation:** ?

**Action:** None required

**0x17083051 ek\_err\_PADf**

**Severity:** Varies      **Component:** sad

**Text:** ek\_err\_PADf

**Explanation:** ?

**Action:** None required

**0x1708302b ek\_err\_passwd\_invalid**

**Severity:** Varies      **Component:** sad

**Text:** Invalid password (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708302e ek\_err\_passwd\_non\_alpha**

**Severity:** Varies      **Component:** sad

**Text:** Passwords must contain at least one non-alphanumeric character (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708302f ek\_err\_passwd\_spaces**

**Severity:** Varies      **Component:** sad

**Text:** Passwords must contain at least one non-blank character (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708302d ek\_err\_passwd\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Password is too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708302c ek\_err\_passwd\_too\_short**

**Severity:** Varies      **Component:** sad  
**Text:** Password is too short (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x17083014 ek\_err\_person\_bad\_name\_chars**

**Severity:** Varies      **Component:** sad  
**Text:** Principal name contains an illegal character (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x1708301d ek\_err\_person\_does\_not\_exist**

**Severity:** Varies      **Component:** sad  
**Text:** Principal does not exist (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x1708301a ek\_err\_person\_exists**

**Severity:** Varies      **Component:** sad  
**Text:** Principal already exists (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x17083017 ek\_err\_person\_name\_too\_long**

**Severity:** Varies      **Component:** sad  
**Text:** Principal name too long (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x1708303e ek\_err\_reserved**

**Severity:** Varies      **Component:** sad

**Text:** Operation not valid on a reserved name (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083033 ek\_err\_shell\_too\_long**

**Severity:** Varies      **Component:** sad

**Text:** Shell text too long (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083034 ek\_err\_unix\_acct\_exists**

**Severity:** Varies      **Component:** sad

**Text:** Only one account per principal allowed (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083025 ek\_err\_unix\_num\_change**

**Severity:** Varies      **Component:** sad

**Text:** Unix id changed or incorrect (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083024 ek\_err\_unix\_num\_exists**

**Severity:** Varies      **Component:** sad

**Text:** An object with the specified Unix id already exists (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083008 ek\_field\_no\_data**

**Severity:** Varies      **Component:** sad

**Text:** Cannot read a field that has no assigned data (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083005 ek\_field\_readonly**

**Severity:** Varies      **Component:** sad

**Text:** cannot write data to a read-only field (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083004 ek\_field\_unused**

**Severity:** Varies      **Component:** sad

**Text:** Specified field is not in use in this operation (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083009 ek\_kernel\_failure**

**Severity:** Varies      **Component:** sad

**Text:** Fatal internal error (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708305e ek\_misc\_acct\_partial\_op**

**Severity:** Varies      **Component:** sad

**Text:** Operation involving multiple registry updates was only partially successful (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708305b ek\_misc\_bad\_data**

**Severity:** Varies      **Component:** sad  
**Text:** Invalid data - record too long (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x1708305c ek\_misc\_bad\_domain**

**Severity:** Varies      **Component:** sad  
**Text:** Operation not supported on specified domain (Registry Edit Kernel)  
**Explanation:** ?  
**Action:** None required

**0x17083064 ek\_misc\_chg\_admin\_fail**

**Severity:** Varies      **Component:** sad  
**Text:** Unable to change account admin information  
**Explanation:** ?  
**Action:** None required

**0x17083066 ek\_misc\_chg\_auth\_ply**

**Severity:** Varies      **Component:** sad  
**Text:** Unable to change account auth-policy  
**Explanation:** ?  
**Action:** None required

**0x17083061 ek\_misc\_chg\_gmem\_fail**

**Severity:** Varies      **Component:** sad  
**Text:** Unable to add principal to group membership  
**Explanation:** ?  
**Action:** None required

**0x17083060 ek\_misc\_chg\_name\_fail**

**Severity:** Varies      **Component:** sad

**Text:** Unable to change account name

**Explanation:** ?

**Action:** None required

**0x17083062 ek\_misc\_chg\_omem\_fail**

**Severity:** Varies      **Component:** sad

**Text:** Unable to add principal to org membership

**Explanation:** ?

**Action:** None required

**0x17083063 ek\_misc\_chg\_passwd\_fail**

**Severity:** Varies      **Component:** sad

**Text:** Unable to change password

**Explanation:** ?

**Action:** None required

**0x17083065 ek\_misc\_chg\_uinfo\_fail**

**Severity:** Varies      **Component:** sad

**Text:** Unable to change account user information

**Explanation:** ?

**Action:** None required

**0x1708305d ek\_misc\_is\_an\_alias**

**Severity:** Varies      **Component:** sad

**Text:** Entry is an alias (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required



**0x17083059 ek\_misc\_no\_members**

**Severity:** Varies      **Component:** sad

**Text:** No membership info exists for the specified PGO object (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083057 ek\_misc\_no\_more\_entries**

**Severity:** Varies      **Component:** sad

**Text:** No more matching entries (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083052 ek\_misc\_no\_site**

**Severity:** Varies      **Component:** sad

**Text:** Registry server unavailable (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083056 ek\_misc\_not\_authorized**

**Severity:** Varies      **Component:** sad

**Text:** User not authorized to perform operation (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708305a ek\_misc\_not\_implemented**

**Severity:** Varies      **Component:** sad

**Text:** Operation not yet implemented (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083053 ek\_misc\_no\_update\_site**

**Severity:** Varies      **Component:** sad

**Text:** Master Registry server unavailable (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083058 ek\_misc\_object\_not\_found**

**Severity:** Varies      **Component:** sad

**Text:** Entry not found (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083067 ek\_misc\_PAD7**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PAD7

**Explanation:** ?

**Action:** None required

**0x17083068 ek\_misc\_PAD8**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PAD8

**Explanation:** ?

**Action:** None required

**0x17083069 ek\_misc\_PAD9**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PAD9

**Explanation:** ?

**Action:** None required

**0x1708306a ek\_misc\_PADa**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PADa

**Explanation:** ?

**Action:** None required

**0x1708306b ek\_misc\_PADb**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PADb

**Explanation:** ?

**Action:** None required

**0x1708306c ek\_misc\_PADc**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PADc

**Explanation:** ?

**Action:** None required

**0x1708306d ek\_misc\_PADd**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PADd

**Explanation:** ?

**Action:** None required

**0x1708306e ek\_misc\_PADe**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PADe

**Explanation:** ?

**Action:** None required

**0x1708306f ek\_misc\_PADf**

**Severity:** Varies      **Component:** sad

**Text:** ek\_misc\_PADf

**Explanation:** ?

**Action:** None required

**0x17083055 ek\_misc\_read\_only**

**Severity:** Varies      **Component:** sad

**Text:** Registry is read only or operation performed at a slave (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083054 ek\_misc\_server\_unavailable**

**Severity:** Varies      **Component:** sad

**Text:** Registry server unavailable (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708305f ek\_misc\_unauth\_binding**

**Severity:** Varies      **Component:** sad

**Text:** Cant establish authentication to registry (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x17083001 ek\_null\_handle**

**Severity:** Varies      **Component:** sad

**Text:** Unable to allocate handle (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

**0x1708300a ek\_PAD0**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_PAD0  
**Explanation:** ?  
**Action:** None required

**0x1708300b ek\_PAD1**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_PAD1  
**Explanation:** ?  
**Action:** None required

**0x1708300c ek\_PAD2**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_PAD2  
**Explanation:** ?  
**Action:** None required

**0x1708300d ek\_PAD3**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_PAD3  
**Explanation:** ?  
**Action:** None required

**0x1708300e ek\_PAD4**

**Severity:** Varies      **Component:** sad  
**Text:** ek\_PAD4  
**Explanation:** ?  
**Action:** None required

**0x1708300f ek\_PAD5**

**Severity:** Varies      **Component:** sad

**Text:** ek\_PAD5

**Explanation:** ?

**Action:** None required

**0x17083010 ek\_PAD6**

**Severity:** Varies      **Component:** sad

**Text:** ek\_PAD6

**Explanation:** ?

**Action:** None required

**0x17083011 ek\_PAD7**

**Severity:** Varies      **Component:** sad

**Text:** ek\_PAD7

**Explanation:** ?

**Action:** None required

**0x17083012 ek\_PAD8**

**Severity:** Varies      **Component:** sad

**Text:** ek\_PAD8

**Explanation:** ?

**Action:** None required

**0x17083013 ek\_PAD9**

**Severity:** Varies      **Component:** sad

**Text:** ek\_PAD9

**Explanation:** ?

**Action:** None required

**0x17083003 ek\_required\_field**

**Severity:** Varies      **Component:** sad

**Text:** Kernel operation invoked on incomplete data set (Registry Edit Kernel)

**Explanation:** ?

**Action:** None required

———— **ENOMEM**

**Severity:** Fatal      **Component:** Threads

**Text:** Not enough space

**Explanation:** An attempt was made to initialize a condition variable or a mutex, or an attempt was made to create a:

- thread attributes object
- condition variable attributes object
- thread object
- key
- mutex attributes object

There was insufficient memory to complete the operation.

**Action:** This is generally not a temporary condition. You could try stopping other functions, perhaps applications.

———— **ENOTSUP**

**Severity:** Error      **Component:** Threads

**Text:** Operation is not supported

**Explanation:** An attempt was made to set an unsupported value.

**Action:** If the error is returned as the result of an invalid priority, ensure that the value is within the minimum and maximum range allowed for the scheduling policy. Specify the priority using the syntax for your programming language. The following specifies a priority midway between the minimum and maximum for the Round Robin policy:

```
pri_rr_mid= (PRI_RR_MIN + PRI_RR_MAX)/2
```

If the error is the result of an invalid policy value, correct it to be one of the following:

- **SCHED\_FIFO**
- **SCHED\_RR**
- **SCHED\_OTEHR**
- **SCHED\_FG\_NP**
- **SCHED\_BG\_NP**

———— **EPERM**

**Severity:** Error      **Component:** Threads

**Text:** Operation not permitted

**Explanation:** An attempt was made to set or change the priority or policy for a thread, but the caller does not have the appropriate privileges to do so.

**Action:** Since you do not have the necessary privileges to take make the requested change to the thread, no action is possible.

**0x16c9a0d1 ept\_s\_cant\_access**

**Severity:** Varies      **Component:** rpc

**Text:** Cannot access endpoint database

**Explanation:** The endpoint mapper could not open the existing database file that holds the endpoint map.

**Action:** Check the permissions on the database file.

**0x16c9a0d0 ept\_s\_cant\_create**

**Severity:** Varies      **Component:** rpc

**Text:** Cannot create endpoint database

**Explanation:** The endpoint mapper could not create the database file that holds the endpoint map.

**Action:** Check the permissions on the database file and the directory that contains the file.



**0x16c9a0cd ept\_s\_cant\_perform\_op**

**Severity:** Varies      **Component:** rpc

**Text:** Cannot perform endpoint map operation

**Explanation:** The endpoint mapper was unable to perform an operation.

**Action:** None required.

**0x16c9a0d2 ept\_s\_database\_already\_open**

**Severity:** Varies      **Component:** rpc

**Text:** Endpoint database already open by another process

**Explanation:** The endpoint mapper could not open the existing database file that holds the endpoint map because another process had the file locked.

**Action:** Make sure no other endpoint mapper is running on the same system.

**0x16c9a0cf ept\_s\_database\_invalid**

**Severity:** Varies      **Component:** rpc

**Text:** Invalid endpoint database

**Explanation:** The format of the database file that holds the endpoint map was not what the endpoint mapper expects.

**Action:** Delete the database file and restart the endpoint mapper.

**0x16c9a0d5 ept\_s\_invalid\_context**

**Severity:** Varies      **Component:** rpc

**Text:** Invalid endpoint map or lookup context

**Explanation:** A context handle supplied as input in a remote call to the endpoint mapper referred to invalid context. This may be an internal error.

**Action:** Report the error to your vendor.

**0x16c9a0d3 ept\_s\_invalid\_entry**

**Severity:** Varies      **Component:** rpc

**Text:** Invalid endpoint entry

**Explanation:** An entry supplied to the endpoint mapper as input contains invalid data, for example, an invalid tower.

**Action:** Correct the contents of the entry.

**0x16c9a0ce ept\_s\_no\_memory**

**Severity:** Varies      **Component:** rpc

**Text:** No memory for endpoint map service

**Explanation:** The endpoint mapper was unable to allocate heap storage.

**Action:** If the failure was caused by overuse of underlying system resources (for example, address space or swap space), reduce the direct use of these resources by other processes on the system if possible.

**0x16c9a0d6 ept\_s\_not\_registered**

**Severity:** Varies      **Component:** rpc

**Text:** Not registered in endpoint map

**Explanation:** An entry supplied as input to a remote call to the endpoint mapper (for example, for deletion) does not exist in the endpoint map.

**Action:** Supply only existing entries when deleting.

**0x16c9a0d4 ept\_s\_update\_failed**

**Severity:** Varies      **Component:** rpc

**Text:** Cannot update endpoint database

**Explanation:** The endpoint mapper was unable to write modifications to the database file that holds the endpoint map.

**Action:** Check the permissions on the database file.

———— **ERANGE**

**Severity:** Error      **Component:** Threads

**Text:** Result too large

**Explanation:** An attempt was made to set the priority for a thread, but the value falls outside the range of minimum to maximum. This error might also occur if an attempt is made to set the *kind* parameter in the **pthread\_mutexattr\_setkind\_np**.

**Action:** Priority depends on the scheduling policy, which can be one of the following:

- Other
- First in, first out
- Round Robin
- Foreground
- Background

The priority range for each of the policies is as follows:

- **RI\_OTHER\_MIN** <= *priority* <= **PRI\_OTHER\_MAX**
- **RI\_FIFO\_MIN** <= *priority* <= **PRI\_FIFO\_MAX**
- **RI\_RR\_MIN** <= *priority* <= **PRI\_RR\_MAX**
- **RI\_FG\_MIN\_NP** <= *priority* <= **PRI\_FG\_MAX\_NP**
- **RI\_BG\_MIN\_NP** <= *priority* <= **PRI\_BG\_MAX\_NP**

You need to specify the priority using the syntax for your programming language. The following specifies a priority midway between the minimum and maximum for the Round Robin policy:

```
pri_rr_mid= (PRI_RR_MIN + PRI_RR_MAX)/2
```

The default value is the midpoint between **PRI\_OTHER\_MIN** and **PRI\_OTHER\_MAX**.

If the error is returned for **pthread\_mutexattr\_setkind\_no**, then the value for *kind* must be one of the following:

- **MUTEX\_FAST\_NP** (default)
- **MUTEX\_RECURSIVE\_NP**
- **MUTEX\_NONRECURSIVE**

---

**ESRCH**

**Severity:** Error

**Component:** Threads

**Text:** No such thread

**Explanation:** The specified thread does not refer to a currently existing thread. This error can be returned for the following routines:

- **pthread\_cancel**
- **pthread\_join**
- **pthread\_detach**
- **pthread\_getprio**
- **pthread\_getscheduler**
- **pthread\_setprio**
- **pthread\_setscheduler**

**Action:** Correct the thread parameter by naming an existing thread. If the error occurs for **pthread\_join**, the thread may have been detached, which marks it for deallocation. A detached thread cannot be joined.

**0x177db029 exc\_s\_accerr**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An invalid permissions exception has been raised

**Explanation:** The application has attempted to perform some operation for which the principal under which it is executing has insufficient permissions.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db02a exc\_s\_adraln**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An invalid address alignment exception has been raised

**Explanation:** The application has made a reference to an unaligned address. The exact nature of this error is generally hardware dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db02b exc\_s\_adrerr**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A Non-existent physical address exception has been raised

**Explanation:** The application has referenced a physical address that does not exist. If the application is making references to physical memory then the operating system has failed to map a virtual address properly.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db011 exc\_s\_aritherr**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An arithmetic trap exception has been raised

**Explanation:** The application attempted an illegal arithmetic operation. An example of this type of operation is divide by zero.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db024 exc\_s\_badstk**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A bad stack exception has been raised

**Explanation:** A corrupted stack has been detected. The exact nature of the problem may be system dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db025 exc\_s\_brkpt**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A process breakpoint exception has been raised

**Explanation:** An unhandled breakpoint event has occurred. Such events are generally scheduled only by debuggers.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db023 exc\_s\_coproc**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A co-processor exception has been raised

**Explanation:** A co-processor raised an exception. The exact nature of the exception is hardware dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db01b exc\_s\_decovf**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** A decimal point overflow exception has been raised

**Explanation:** The application has attempted an operation which would result in a decimal data type being assigned a value greater than the maximum allowed for such a type. The maximum is system dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db001 exc\_s\_exception**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** An address exception has occurred

**Explanation:** The program referenced an address that was either not mapped or protected against write.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db014 exc\_s\_excpcu**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** A CPU-time limit exception has been raised

**Explanation:** The application has exceeded its allowed CPU time limit.

**Action:** Contact your system administrator.

**0x177db015 exc\_s\_exflsiz**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** A File size limit exception has been raised

**Explanation:** The application has exceeded its allowed file size limit.

**Action:** Contact your system administrator.

**0x177db006 exc\_s\_exquota**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An insufficient quota exception has been raised

**Explanation:** The application exceeded a system defined quota.

**Action:** Contact your system administrator.

**0x177db019 exc\_s\_ftdiv**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A floating point divide by zero exception has been raised

**Explanation:** The application has attempted a floating point divide operation whose denominator is zero. The minimum is system dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db027 exc\_s\_ftinv**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An invalid floating point operation exception has been raised

**Explanation:** The application attempted to execute a floating point operation which is not valid on the processor on which it is executing.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db018 exc\_s\_ftovf**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A floating point overflow exception has been raised

**Explanation:** The application has attempted an operation which would result in an floating point data type being assigned value greater than the maximum allowed for such a type. The maximum is system dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db02d exc\_s\_ftres**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** SVR4 TBD

**Explanation:** explanation TBD

**Action:** action TBD

**0x177db01a exc\_s\_ftund**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** A floating point overflow exception has been raised

**Explanation:** The application has attempted an operation which would result in an floating point data type being assigned value smaller than the minimum allowed for such a type. The minimum is system dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db005 exc\_s\_illaddr**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** An invalid address exception has been raised

**Explanation:** The program referenced an address that was either not mapped or protected against modification.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db01f exc\_s\_illadr**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** An illegal operand exception has been raised

**Explanation:** In general this error indicates that the application attempted to execute a hardware instruction containing an addressing mode that is not valid for the processor it is executing on. Its exact nature is hardware dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db00a exc\_s\_illinstr**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** An illegal instruction exception has been raised

**Explanation:** In general this error indicates that the program executing a hardware instruction that is not valid for the processor on which it is executing. Its exact nature is hardware dependent.



**Action:** Contact the vendor from whom the application was obtained.

**0x177db01d exc\_s\_illopc**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An illegal opcode exception has been raised

**Explanation:** In general this error indicates that the application executed an hardware opcode that is not valid for the processor it is executing on. Its exact nature is hardware dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db01e exc\_s\_illopn**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An illegal operand exception has been raised

**Explanation:** In general this error indicates that the application executed an hardware opcode that is not valid for the processor it is executing on. Its exact nature is hardware dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db020 exc\_s\_illtrp**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An illegal trap exception has been raised

**Explanation:** The application attempted to execute a trap instruction that is not valid on the processor on the processor on which it is running. This usually means the application attempted an illegal privilege transition.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db007 exc\_s\_insfmem**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An insufficient memory exception has been raised

**Explanation:** The application either exceeded its memory limnitation or the system has exhausted it virtual memory.

**Action:** Contact your system administrator.

**0x177db017 exc\_s\_intdiv**

**Severity:** Error            **Component:** thd/thd\_svc\_general

**Text:** An integer divide by zero exception has been raised

**Explanation:** The application has attempted an interger devide operation whose denominator is zero.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db016 exc\_s\_intovf**

**Severity:** Error            **Component:** thd/thd\_svc\_general

**Text:** An interger overflow exception has been raised

**Explanation:** The application has attempted an aperation which would result in aninterger data type being assigned value greater than the maximum allowed for such a type. The maximum is system dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db028 exc\_s\_maperr**

**Severity:** Error            **Component:** thd/thd\_svc\_general

**Text:** A address not mapped to object exception has been raised

**Explanation:** The application referenced an address that has not been mapped.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db008 exc\_s\_nopriv**

**Severity:** Error            **Component:** thd/thd\_svc\_general

**Text:** An insufficient privilege exception has been raised

**Explanation:** The application attempted an operation which requires permissions that have not been granted to the principal under it is executing.

**Action:** Contact your system administrator.

**0x177db009 exc\_s\_normal**

**Severity:** Error            **Component:** thd/thd\_svc\_general

**Text:** Process has completed normally.

**Explanation:** The application has completed its execution without error

**Action:** None

**0x177db02c exc\_s\_objerr**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An object specific exception has been raised

**Explanation:** This is a strictly platform dependent error condition.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db00c exc\_s\_privinst**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A privileged instruction exception has been raised

**Explanation:** The application attempted to execute an instruction that is reserved for operating system use. The exact nature of this error may be system dependent

**Action:** Contact your system administrator.

**0x177db021 exc\_s\_prvopc**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A privileged opcode exception has been raised

**Explanation:** The application attempted to execute an opcode which is reserved for operating system use. Its exact nature is system dependent.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db022 exc\_s\_privreg**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A Privileged register exception has been raised

**Explanation:** The application attempted referenced a register which is reserved for operating system use.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db00b exc\_s\_resaddr**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** A reserved addressing exception has been raised

**Explanation:** The application has referenced an address that is reserved for operation system use. The exact nature of this error may be system dependent.

**Action:** Contact your system administrator.

**0x177db00d exc\_s\_resoper**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** A reserved operand exception has been raised

**Explanation:** The application referenced an an operand which is reserved for operating system use. The exact nature of this error may be system dependent.

**Action:** Contact your system administrator.

**0x177db010 exc\_s\_SIGEMT**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** An emulation trap exception has been raised

**Explanation:** This is s system dependent error condition.

**Action:** Contact your system administrator.

**0x177db00f exc\_s\_SIGIOT**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** An IOT exception has been raised

**Explanation:** An unhandled input output trap has occurred.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db013 exc\_s\_SIGPIPE**

**Severity:** Error           **Component:** thd/thd\_svc\_general

**Text:** A broken pipe exception has been raised

**Explanation:** An unhandled broken pipe signal has occurred.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db012 exc\_s\_SIGSYS**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A bad system call exception has been raised

**Explanation:** The application requested a service that is not offered by the operating system.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db00e exc\_s\_SIGTRAP**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A trace or breakpoint exception has been raised

**Explanation:** An unhandled trace or breakpoint event has occurred. Such events are generally scheduled only by debuggers.

**Action:** Contact your system administrator.

**0x177db01c exc\_s\_subrng**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A subscript out of range exception has been raised

**Explanation:** The application referenced an array data type through subscript that was larger than the maximum allowed by the memory allocated for the array.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db026 exc\_s\_trace**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** A process trace exception has been raised

**Explanation:** An unhandled trace event has occurred. Such events are generally scheduled only by debuggers.

**Action:** Contact the vendor from whom the application was obtained.

**0x177db003 exc\_s\_uninitexc**

**Severity:** Error      **Component:** thd/thd\_svc\_general

**Text:** An uninitialized exception has been raised

**Explanation:** The application raised an exception whose data was not properly initialized

**Action:** Contact the vendor from whom the application was obtained.

**0x1260ad29 gc\_i\_ambiguous\_operation**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Ambiguous operation %s.

**Explanation:** The short name specified for the operation could not be expanded to a unique operation name.

**Action:** Specify the operation name such that it expands to a unique name.

**0x1260ad1f gc\_i\_cannot\_open\_dir**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Cannot open directory <%s>.\n

**Explanation:** The user-specified directory in the environment variable could not be opened.

**Action:** Ensure that the directory exists with the proper access permissions and try again.

**0x1260ad2a gc\_i\_cannot\_unset\_var**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Error: Cannot unset %s.

**Explanation:** An attempt was made to to unset a reserved **gdscp** variable.

**Action:** Do not attempt to do this.

**0x1260ad20 gc\_i\_file\_does\_not\_exist**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** gdscp: File %s does not exist.\n

**Explanation:** The file name specified as the **gdscp** argument does not exist.

**Action:** Ensure that the file exists with the proper access permissions and try again.

**0x1260ad21 gc\_i\_incorrect\_usage**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CP

**Text:** gdscp: Incorrect usage.\n

**Explanation:** **gdscp** was invoked with invalid arguments.

**Action:** Invoke **gdscp** again with the valid arguments.

**0x1260ad26 gc\_i\_invalid\_argument**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid argument \"%s\".

**Explanation:** The argument specified for the operation had an invalid value.

**Action:** Correct the input and try again.

**0x1260ad28 gc\_i\_missing\_operation**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing operation.

**Explanation:** The operation to be performed on the object was not specified.

**Action:** Specify a valid operation for the object and try again.

**0x1260ad27 gc\_i\_unknown\_operation**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Unknown operation \"%s\".

**Explanation:** An unknown operation was specified for the object.

**Action:** Specify a valid operation for the object and try again.

**0x1260ad1e gc\_i\_warning\_file\_eval**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** File <%s> not completely evaluated : %s.\n

**Explanation:** An error was encountered in the user-customized **.gdscprc** file or the script files in the user-specified directory.

**Action:** Correct the error in the script files and try again.

**0x1260ad06 gc\_t\_admin\_limit\_exceeded**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The administrative limit has been reached.

**Explanation:** The administrative limit of the directory installation has been reached.

**Action:** Contact your system administrator.

**0x1260ad02 gc\_t\_ambiguous\_option**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Ambiguous option %s.

**Explanation:** The short name specified for the option could not be expanded to a unique option name.

**Action:** Specify the option name such that it expands to a unique name for that operation.

**0x1260acf9 gc\_t\_bind\_not\_made**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Perform bind operation first.

**Explanation:** Before this operation can be performed, a **bind** operation to the Directory Service Agent (DSA) must be performed.

**Action:** Perform the **bind** operation and retry.

**0x1260acf8 gc\_t\_cannot\_initialize\_workspace**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Unable to initialize workspace.

**Explanation:** At the C interface, the XOM workspace was not initialized.

**Action:** This is an internal XOM error. Contact your system administrator.



**0x1260ace4 gc\_t\_conflicting\_option**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Conflicting option \"%s\".

**Explanation:** The specified option conflicts with a previously specified option.

**Action:** Remove the undesired option and try again.

**0x1260acff gc\_t\_entry\_not\_found**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Entry not found.

**Explanation:** No entry was found in the Directory Service Agent that matches the criteria specified in the **search** operation.

**Action:** Verify the search parameters and try again.

**0x1260acfb gc\_t\_format\_error**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Format error - %s.

**Explanation:** The user-specified value in the string does not conform to the defined syntax.

**Action:** If the value has been specified within quotes ('), make sure that there are no extra characters after the closing quote. If hexadecimal values are specified, make sure that the format "\\xnn\" is used, where \"nn\" is a valid hexadecimal value.

**0x1260ad0b gc\_t\_incomplete\_referral\_returned**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Incomplete operation - Referral returned : %s.\n

**Explanation:** The Directory Service has returned the name of a referral Directory Service Agent (DSA) along with the partial result.

**Action:** Set the service controls **-automaticcontinuation** to *TRUE* and **chainingprohibited** to *FALSE* so that referrals are processed automatically or bind to the referral DSA and perform the operation again.

**0x1260acf4 gc\_t\_invalid\_directory\_id**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid directory identifier \"%s\".

**Explanation:** An invalid *directory identifier* was specified in the **bind** operation.

**Action:** Specify a valid *directory identifier* and try again.

**0x1260acfd gc\_t\_invalid\_parameter**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid parameter passed as an argument.

**Explanation:** At the C interface, an invalid function argument was passed.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260acf6 gc\_t\_invalid\_size\_limit**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid size limit \"%s\".

**Explanation:** An invalid *size limit* was specified.

**Action:** Specify a valid *size limit* indicating the number of entries to return and try again.

**0x1260acf5 gc\_t\_invalid\_time\_limit**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid time limit \"%s\".

**Explanation:** An invalid *time limit* was specified.

**Action:** Specify a valid *time limit* in seconds and try again.

**0x1260ad01 gc\_t\_memory\_insufficient**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Insufficient memory to perform operation.\n

**Explanation:** Insufficient memory to perform operation - Malloc failure.

**Action:** Contact your system administrator.

**0x1260acfc gc\_t\_mismatched\_quotes**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Mismatched quotes - %s.

**Explanation:** Closing quotes character not specified in the user string.

**Action:** Insert the closing quotes and try again.

**0x1260acf3 gc\_t\_missing\_arguments**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Missing arguments.

**Explanation:** Required arguments to the operation were not specified.

**Action:** Specify the arguments and try again.

**0x1260ace9 gc\_t\_missing\_attribute\_info**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Missing attribute information.

**Explanation:** The *attribute information* was not specified for the operation.

**Action:** Specify the *attribute information* and try again.

**0x1260ace7 gc\_t\_missing\_authentication\_type**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Missing authentication type.

**Explanation:** The *authentication type* has not been specified in the **bind** operation.

**Action:** Specify the *authentication type* and try again.

**0x1260ace6 gc\_t\_missing\_directory\_id**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Missing directory identifier.

**Explanation:** The *directory identifier* has not been specified in the **bind** operation.

**Action:** Specify the *directory identifier* and try again.

**0x1260aceb gc\_t\_missing\_dsa\_name**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing Directory Service Agent name.

**Explanation:** The Directory Service Agent (DSA) name was not specified in the **bind** operation.

**Action:** Specify the DSA name and try again.

**0x1260acef gc\_t\_missing\_filter**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing filter value.

**Explanation:** The *filter value* for the **search** operation was not specified after the option.

**Action:** Specify the *filter value* after the option and try again.

**0x1260acea gc\_t\_missing\_new\_attribute\_info**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing information for the new attribute values.

**Explanation:** The *new attribute values* in the **modify** operation was not specified.

**Action:** Specify the *new attribute values* and try again.

**0x1260ace8 gc\_t\_missing\_object\_name**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing object name.

**Explanation:** The *object name* was not specified for the operation.

**Action:** Specify the *object name* and try again.

**0x1260acec gc\_t\_missing\_psap\_address**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing Presentation Service Access Point address.

**Explanation:** The Presentation Service Access Point (PSAP) address of the Directory Service Agent was not specified in the **bind** operation.

**Action:** Specify the PSAP address and try again.

**0x1260acf0 gc\_t\_missing\_scope\_of\_search**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing scope of search.

**Explanation:** The scope of search was not specified in the **search** operation.

**Action:** Specify the scope of search and try again. The scope can be one of the following:

- baseobject**    Scope is the base object only
- onelevel**     Scope is all children of the baseobject
- subtree**      Scope is the whole subtree of the base object

**0x1260acf2 gc\_t\_missing\_size\_limit**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing size limit.

**Explanation:** The *size limit* was not specified.

**Action:** Specify the *size limit* and try again.

**0x1260acf1 gc\_t\_missing\_time\_limit**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing time limit.

**Explanation:** The *time limit* was not specified.

**Action:** Specify the *time limit* and try again.

**0x1260aced gc\_t\_missing\_user\_name**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing user name.

**Explanation:** The *user name* was not specified in the **bind** operation.

**Action:** Specify the *user name* and try again.

**0x1260acee gc\_t\_missing\_user\_password**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing password.

**Explanation:** The *user password* was not specified in the **bind** operation.

**Action:** Specify the *user password* and try again.

**0x1260acfa gc\_t\_missing\_value**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing value.

**Explanation:** An option was specified without any accompanying value.

**Action:** Specify a valid value and try again.

**0x1260ada1 gc\_t\_om\_encoding\_invalid**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid encoded attribute.

**Explanation:** The octets that constitute the value of an encoding's object encoding attribute are invalid.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260ada2 gc\_t\_om\_function\_declined**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The function does not apply to the object to which it is addressed.

**Explanation:** At the C interface, a wrong function was being applied to the object.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260ada3 gc\_t\_om\_function\_interrupted**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The function was aborted by an external force.

**Explanation:** The function was aborted by an external force such as a user interrupt.

**Action:** No action required. If you wish to continue, retry the operation.

**0x1260ada4 gc\_t\_om\_memory\_insufficient**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Insufficient memory to perform operation.

**Explanation:** Insufficient memory to perform operation - Malloc failure.

**Action:** Contact your system administrator.

**0x1260ada5 gc\_t\_om\_network\_error**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Could not employ the services of the network.

**Explanation:** Could not employ the services of the network upon which the implementation depends.

**Action:** Contact your system administrator.

**0x1260ada6 gc\_t\_om\_no\_such\_class**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** The class identifier is undefined.

**Explanation:** At the C interface, an invalid class identifier was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260ada7 gc\_t\_om\_no\_such\_exclusion**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** The exclusion identifier is undefined.

**Explanation:** At the C interface, an invalid exclusion identifier was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260ada8 gc\_t\_om\_no\_such\_modification**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The modification identifier is undefined.

**Explanation:** At the C interface, an invalid modification identifier was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260ada9 gc\_t\_om\_no\_such\_object**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The object is nonexistent or the handle is invalid.

**Explanation:** At the C interface, an invalid object was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adaa gc\_t\_om\_no\_such\_rules**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The rule identifier is undefined.

**Explanation:** At the C interface, an invalid rule identifier was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adab gc\_t\_om\_no\_such\_syntax**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The syntax identifier is undefined.

**Explanation:** At the C interface, an invalid syntax identifier was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adac gc\_t\_om\_no\_such\_type**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The type identifier is undefined.

**Explanation:** At the C interface, an invalid type identifier was used.

**Action:** This is an internal XOM error. Contact your system administrator.



**0x1260adad gc\_t\_om\_no\_such\_workspace**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** The workspace is nonexistent.

**Explanation:** At the C interface, an invalid workspace was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adae gc\_t\_om\_not\_an\_encoding**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** The object is not an instance of the encoding class.

**Explanation:** At the C interface, an invalid encoding was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adaf gc\_t\_om\_not\_concrete**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** The class is abstract and not a concrete class.

**Explanation:** At the C interface, an abstract class was used.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adb0 gc\_t\_om\_not\_present**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** An attribute value is absent.

**Explanation:** The attribute value was not specified.

**Action:** Specify the attribute value and try again.

**0x1260adb1 gc\_t\_om\_not\_private**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** The object is public and not private.

**Explanation:** At the C interface, a public object was used in place of a private object.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adb2 gc\_t\_om\_not\_the\_services**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The object is client-generated, rather than service-generated or private.

**Explanation:** At the C interface, a client-generated object was used in place of a service-generated object.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adb3 gc\_t\_om\_permanent\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Some permanent difficulty encountered.

**Explanation:** The service encountered a permanent difficulty other than those denoted by other return codes.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adb4 gc\_t\_om\_pointer\_invalid**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** An invalid pointer supplied as a function argument.

**Explanation:** At the C interface, an invalid pointer was supplied as a function argument or as the receptacle for a function result.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adb5 gc\_t\_om\_system\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Could not employ the services of the operating system.

**Explanation:** The service could not successfully employ the operating system upon which its implementation depends.

**Action:** Contact your system administrator.

**0x1260adb6 gc\_t\_om\_temporary\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Temporary difficulty encountered.

**Explanation:** The service encountered a temporary difficulty other than those denoted by other return codes.

**Action:** Contact your system administrator.

**0x1260adb7 gc\_t\_om\_too\_many\_values**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Too many attribute values.

**Explanation:** Too many attribute values were specified for the object.

**Action:** Reduce the number of values to the defined limit and try again.

**0x1260adb8 gc\_t\_om\_values\_not\_adjacent**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Value descriptors not adjacent.

**Explanation:** At the C interface, the object descriptors for the values of a particular attribute were not adjacent.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adb9 gc\_t\_om\_wrong\_value\_length**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The attribute value is too long.

**Explanation:** The length of the attribute value was too long.

**Action:** Correct the attribute value and try again.

**0x1260adba gc\_t\_om\_wrong\_value\_makeup**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** The attribute value does not conform to the syntax.

**Explanation:** The specified attribute value does not conform to the syntax of the attribute.

**Action:** Correct the attribute value and try again.

**0x1260adbb gc\_t\_om\_wrong\_value\_number**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Too many attribute values.

**Explanation:** Too many attribute values were specified for the object.

**Action:** Reduce the number of values to the defined limit and try again.

**0x1260adbc gc\_t\_om\_wrong\_value\_position**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid value position.

**Explanation:** At the C interface, the usage of value position identified in the argument of a function was invalid.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260add gc\_t\_om\_wrong\_value\_syntax**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Attribute-value syntax not permitted.

**Explanation:** At the C interface, a wrong attribute-value was supplied.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260adbe gc\_t\_om\_wrong\_value\_type**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Undefined attribute type for the object.

**Explanation:** At the C interface, an object had an undefined attribute type.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260ad7a gc\_t\_omx\_attr\_format\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Format error in the Attribute Definition Block.

**Explanation:** A format error was encountered in the Attribute Definition Block while reading the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad6e gc\_t\_omx\_cannot\_read\_schema**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Unable to read the XOM object information schema file \"%s\".

**Explanation:** The XOM convenience library was unable to read the object information schema file.

**Action:** Check with your system administrator to determine if the schema file has been installed. If it has not been, the system administrator should install it.

**0x1260ad83 gc\_t\_omx\_class\_block\_undefined**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing OM Class Definition Block.

**Explanation:** An OM Class Definition Block was not specified for the particular OM Class in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad80 gc\_t\_omx\_class\_format\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Format error in the OM Class Definition Block.

**Explanation:** A format error was encountered in the OM Class Definition Block while reading the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260adb f gc\_t\_omx\_class\_not\_found\_in\_schema\_file**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Class not found in the XOM object information schema file.

**Explanation:** The class identifier encountered in an object was not found in the XOM object info file.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260ad7b gc\_t\_omx\_duplicate\_attr\_abbrev**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Duplicate Attribute abbreviations.

**Explanation:** The same abbreviation was used for different Attributes in the Attribute Definition Block of the XOM object information schema file.

**Action:** Since the same abbreviation cannot be used for different attributes, ensure that all abbreviations for attributes are unique and try again.

**0x1260ad7c gc\_t\_omx\_duplicate\_attr\_obj\_id**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Duplicate Attribute Object Identifiers.

**Explanation:** The same object identifier was used for different Attributes in the Attribute Definition Block of the XOM object information schema file.

**Action:** Since the same object identifier cannot be used for different attributes, ensure that all object identifiers for attributes are unique and try again.

**0x1260ad82 gc\_t\_omx\_duplicate\_class\_block**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Duplicate OM Class Definition Blocks.

**Explanation:** Duplicate OM Class Definition Blocks were encountered while reading the XOM object information schema file.

**Action:** Since class blocks cannot be duplicated, ensure that all class blocks are unique and try again.

**0x1260ad75 gc\_t\_omx\_duplicate\_obj\_abbrev**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Duplicate Object Class Abbreviations.

**Explanation:** The same abbreviation was used for different Object Classes in the Object Class Definition Block of the XOM object information schema file.

**Action:** Since the same abbreviation cannot be used for different Object Classes, ensure that all abbreviations for object classes are unique and try again.

**0x1260ad76 gc\_t\_omx\_duplicate\_obj\_obj\_id**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Duplicate Object Class Identifiers.

**Explanation:** The same object identifier was used for different Object Classes in the Object Class Definition Block of the XOM object information schema file.

**Action:** Since the same object identifier cannot be used for different Object Classes, ensure that all object identifiers are unique and try again.

**0x1260ad79 gc\_t\_omx\_empty\_attr\_block**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Empty Attribute Definition Block.

**Explanation:** An empty Attribute Definition Block was encountered while reading the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad7f gc\_t\_omx\_empty\_class\_block**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Empty OM Class Definition Block.

**Explanation:** An empty OM Class Definition Block was encountered while reading the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad73 gc\_t\_omx\_empty\_obj\_block**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Empty Object Class Definition Block.

**Explanation:** An empty Object Class Definition Block was encountered while reading the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad8f gc\_t\_omx\_format\_error**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Format error - %s.

**Explanation:** The user-provided string does not conform to the syntax for the string.

**Action:** Correct the string and try again.

**0x1260ad84 gc\_t\_omx\_invalid\_abbrev**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid Abbreviation.

**Explanation:** The abbreviation encountered in the XOM object information schema file was not valid.

**Action:** An abbreviation begins with an alphabetic character which may be followed by zero or more alphanumeric characters. Correct the abbreviation and try again.

**0x1260ad86 gc\_t\_omx\_invalid\_class\_name**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid Class Name.

**Explanation:** The OM Class name encountered in the XOM object information schema file cannot be handled by the convenience library.

**Action:** Correct the error and try again.

**0x1260ad85 gc\_t\_omx\_invalid\_obj\_id**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid Object Identifier.

**Explanation:** The object identifier encountered in the XOM object information schema file was not valid.

**Action:** An object identifier consists of a series of digits separated by a period (.). Correct the object identifier and try again.

**0x1260ad89 gc\_t\_omx\_invalid\_parameter**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Invalid parameter passed as an argument.

**Explanation:** At the C interface, an invalid function argument was passed.



**Action:** This is an internal error. Contact your system administrator.

**0x1260ad87 gc\_t\_omx\_invalid\_syntax**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Invalid OM Syntax.

**Explanation:** An invalid OM syntax was encountered in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad88 gc\_t\_omx\_memory\_insufficient**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Insufficient memory to perform operation.

**Explanation:** Insufficient memory to perform operation - Malloc failure.

**Action:** Contact your system administrator.

**0x1260ad9a gc\_t\_omx\_mismatched\_brackets**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Mismatched brackets - %s.

**Explanation:** Mismatched brackets encountered in the user-provided string.

**Action:** Make sure that all brackets are matched and try again.

**0x1260ad92 gc\_t\_omx\_mismatched\_quotes**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Mismatched quotes - %s.

**Explanation:** Closing quotes character not specified in the user string.

**Action:** Insert the closing quotes and try again.

**0x1260ad8e gc\_t\_omx\_missing\_abbrev**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Missing abbreviation - %s.

**Explanation:** The attribute abbreviation was not specified in the user-provided string.

**Action:** Specify the attribute abbreviation and try again.

**0x1260ad95 gc\_t\_omx\_missing\_attr\_info**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing attribute information - %s.

**Explanation:** The attribute type and value was missing in the user-provided string.

**Action:** Reenter the string, using the following format: *attribute-type = attribute-value.*

**0x1260ad94 gc\_t\_omx\_missing\_attr\_value**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing attribute value - %s.

**Explanation:** The attribute value was missing in the user-provided string.

**Action:** Reenter the string, providing an attribute value.

**0x1260ad8d gc\_t\_omx\_missing\_ava**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing Attribute Value Assertion - %s.

**Explanation:** The Attribute Value Assertion (AVA) was not specified in the user-provided Distinguished Name string.

**Action:** Specify the AVA and try again.

**0x1260ad97 gc\_t\_omx\_missing\_class\_end\_op**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing end of class block operator - %s.

**Explanation:** The end of class block operator used to indicate the end of a structured class was missing in the user-provided string.

**Action:** Insert the operator (}) and try again.

**0x1260ad96 gc\_t\_omx\_missing\_class\_start\_op**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Missing start of class block operator - %s.

**Explanation:** The start of class block operator used to indicate the start of a structured class was missing in the user provided string.

**Action:** Insert the operator ({} and try again.

**0x1260ad98 gc\_t\_omx\_missing\_class\_value**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Missing class value - %s.

**Explanation:** An empty class block was encountered in the user-provided string.

**Action:** Specify the class value and try again.

**0x1260ad9f gc\_t\_omx\_missing\_compound\_op**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Missing compound operator - %s.

**Explanation:** A compound operator was not specified in the user-provided string where it was expected.

**Action:** Specify the required compound operator (&& or ||) and try again.

**0x1260ad99 gc\_t\_omx\_missing\_comp\_value**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Missing component value - %s.

**Explanation:** The component value of the class was not provided in the user-provided string.

**Action:** Specify the component value and try again.

**0x1260ad93 gc\_t\_omx\_missing\_equal\_operator**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Missing equal operator - %s.

**Explanation:** The equality operator, separating the attribute type and value, was missing in the user-provided string.

**Action:** Insert the equality operator and try again.

**0x1260ad9e gc\_t\_omx\_missing\_operator**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing operator - %s.

**Explanation:** The operator separating the attribute-type and the attribute-value was not specified in the user-provided string.

**Action:** Insert the operator (\"~=\"\", \"=\", \">\" or \"<\") and try again.

**0x1260ad91 gc\_t\_omx\_missing\_rdn\_delimiter**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing Relative Distinguished Name delimiter - %s.

**Explanation:** The Relative Distinguished Name (RDN) delimiter was missing in the user-provided Distinguished Name string.

**Action:** Insert the RDN delimiter (/) and try again.

**0x1260ad81 gc\_t\_omx\_no\_class\_name**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing OM Class Name.

**Explanation:** The Class Name was not specified in the OM Class Definition Block of the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad78 gc\_t\_omx\_no\_end\_attr\_block**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing end of Attribute Definition Block.

**Explanation:** The end of Attribute Definition Block was missing in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad7e gc\_t\_omx\_no\_end\_class\_block**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing end of OM Class Definition Block.

**Explanation:** End of OM Class Definition Block was missing in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad72 gc\_t\_omx\_no\_end\_obj\_block**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing end of Object Class Definition Block.

**Explanation:** The end of Object Class Definition Block was missing in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad77 gc\_t\_omx\_no\_start\_attr\_block**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing start of Attribute Definition Block.

**Explanation:** The start of Attribute Definition Block was missing in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad7d gc\_t\_omx\_no\_start\_class\_block**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing start of OM Class Definition Block.

**Explanation:** Start of OM Class Definition Block was missing in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad71 gc\_t\_omx\_no\_start\_obj\_block**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Missing start of Object Class Definition Block.

**Explanation:** The start of Object Class Definition Block was missing in the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad74 gc\_t\_omx\_obj\_format\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Format error in the Object Class Definition Block.

**Explanation:** A format error was encountered in the Object Class Definition Block while reading the XOM object information schema file.

**Action:** Correct the error and try again.

**0x1260ad6f gc\_t\_omx\_schema\_not\_read**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** XOM object information schema file not read.

**Explanation:** There maybe an error in the XOM object information schema file.

**Action:** Check with your system administrator.

**0x1260ad9b gc\_t\_omx\_unexpected\_operator**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Unexpected operator - %s.

**Explanation:** A reserved operator character was encountered in the user-provided string where it was not expected.

**Action:** Correct the string and try again.

**0x1260ad8a gc\_t\_omx\_unknown\_abbrev**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Abbreviation unknown - %s.

**Explanation:** The attribute abbreviation specified by the user was unknown to the XOM convenience library.

**Action:** Look in the XOM object information schema file for the correct abbreviation.

**0x1260ad90 gc\_t\_omx\_unknown\_error**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Unknown error returned by the XOM convenience library.

**Explanation:** At the C interface to the XOM convenience library, an unknown error was encountered.

**Action:** This is an internal error. Contact your system administrator.

**0x1260ad9d gc\_t\_omx\_unknown\_keyword**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Unknown keyword encountered - %s.

**Explanation:** An unknown keyword was encountered in the user-provided string.

**Action:** Correct the string and try again.

**0x1260ad8b gc\_t\_omx\_unknown\_obj\_id**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Unknown object identifier.

**Explanation:** The object identifier encountered at the C interface was unknown to the XOM convenience library.

**Action:** Contact your system administrator.

**0x1260ad8c gc\_t\_omx\_unknown\_omtype**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Unknown OM type.

**Explanation:** The OM type encountered at the C interface was unknown to the XOM convenience library.

**Action:** Contact your system administrator.

**0x1260ad9c gc\_t\_omx\_wrong\_value**

**Severity:** Warning    **Component:** gds/GDS\_S\_CP

**Text:** Invalid attribute value - %s.

**Explanation:** An invalid attribute value was specified in the user-provided string.

**Action:** Correct the string and try again.

**0x1260ad0a gc\_t\_referral\_returned**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Referral returned - %s.

**Explanation:** The Directory Service has returned the name of a referral Directory Service Agent (DSA) instead of the result.

**Action:** Set the service controls **-automaticcontinuation** to *TRUE* and **chainingprohibited** to *FALSE* so that referrals are processed automatically or bind to the referral DSA and perform the operation again.

**0x1260ad07 gc\_t\_size\_limit\_exceeded**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Insufficient size limit.

**Explanation:** The *size limit* specified in the service controls was exceeded.

**Action:** Increase the *size limit* and try again.

**0x1260ad00 gc\_t\_subordinates\_not\_found**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Subordinates not found.

**Explanation:** No subordinates were found for the specified **object** in the **list** operation.

**Action:** Verify the specified **object** and try again.

**0x1260ad08 gc\_t\_time\_limit\_exceeded**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Insufficient time limit.

**Explanation:** The *time limit* specified in the service controls was exceeded.

**Action:** Increase the *time limit* and try again.



**0x1260acfe gc\_t\_too\_many\_arguments**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Too many arguments.

**Explanation:** Too many arguments were specified for the operation.

**Action:** Specify the right number of arguments and try again.

**0x1260ad03 gc\_t\_too\_many\_values**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Too many values.

**Explanation:** Too many attribute values were specified for the operation.

**Action:** Specify only one value and try again.

**0x1260ad09 gc\_t\_unavailable\_crit\_ext**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Critical service extension cannot be provided.

**Explanation:** Some part of the Directory Service could not provide a requested critical service extension.

**Action:** Contact your system administrator.

**0x1260acf7 gc\_t\_unknown\_argument**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Unknown argument \"%s\".

**Explanation:** An unknown argument was specified for the operation.

**Action:** Correct the input and try again.

**0x1260ada0 gc\_t\_unknown\_conv\_lib\_error**

**Severity:** Warning     **Component:** gds/GDS\_S\_CP

**Text:** Unknown error returned by the XOM convenience library.

**Explanation:** At the C interface to the XOM convenience library, an unknown error was encountered.

**Action:** This is an internal error. Contact your system administrator.

**0x1260ad04 gc\_t\_unknown\_gcp\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Unknown gdscp error.

**Explanation:** At the C interface for gdscp, an unknown error was encountered.

**Action:** This is an internal error. Contact your system administrator.

**0x1260ace5 gc\_t\_unknown\_option**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Unknown option \"%s\".

**Explanation:** An unknown option passed to the operation.

**Action:** Use a valid option defined for the operation and try again.

**0x1260adc0 gc\_t\_unknown\_xom\_error**

**Severity:** Warning      **Component:** gds/GDS\_S\_CP

**Text:** Unknown error returned by XOM.

**Explanation:** At the C interface to the XOM library, an unknown error was encountered.

**Action:** This is an internal XOM error. Contact your system administrator.

**0x1260a57b GDS\_S\_ACONTEXT\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** An unknown application context was detected (invalid context-ID = %d)

**Explanation:** Stub process could not detect a valid application context identifier (DAP, DSP)

**Action:** Evaluate the invalid context identifier. Report the problem to the responsible software engineer.

**0x1260a8a1 GDS\_S\_ACQU\_CRED\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_GENERAL

**Text:** Acquire credentials failed for auth. mech. %d, \nmessage from security interface: %s.\n

**Explanation:** The Directory Service Agent (DSA) could not acquire its own credentials for the specified authentication method. So the DSA cannot continue to work because the credentials are needed for performing bind and unbind operations. The following authentication mechanisms can appear:

- 2 = Simple Unprotected Authentication
- 5 = DCE Authentication

**Action:** Check whether the message which was supplied by the security interface can help. If DCE Authentication was used:

- Check whether there is an entry for this Directory Service Agent (DSA) in the DCE Registry and if, whether this entry is sufficient.
- Check whether the principal name of this DSA is the right one.
- Use the tool **rgy\_edit** to correct the contents of the DCE Registry.
- Check whether the DCE security daemon is active.

#### **0x1260aa96 GDS\_S\_ATSNTAX\_UNKNOWN**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Unknown attribute syntax %d.\n

**Explanation:** The Attribute Table (AT) of the administrated schema is in an illegal state. It contains an entry having an unknown attribute syntax.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

#### **0x1260a58c GDS\_S\_ATTRFILE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Can't read attribute description file

**Explanation:** Stub process was not able to read the attribute description file into memory

**Action:** Report the problem to the responsible software engineer.

**0x1260aa9c GDS\_S\_BADAT\_ENTRY**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The Attribute Table contains an incorrectly formatted entry: %s.\n

**Explanation:** The specified Attribute Table entry is formatted incorrectly.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260a8a0 GDS\_S\_BAD\_DSACONF**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Bad specification %s in DSA configuration file.\n

**Explanation:** The Directory Service Agent (DSA) configuration file contains a bad specification.

**Action:** Either repair the DSA configuration file and restart the DSA, or accept the DSA using the default values for the configuration parameters.

**0x1260aa9b GDS\_S\_BADOCT\_ENTRY**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The Object Class Table contains an incorrectly formatted entry: %s.\n

**Explanation:** The specified Object Class Table entry is formatted incorrectly.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260a0ed GDS\_S\_BAD\_ROUTE\_SPEC**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** An illegal routing specification character %c was encountered.

**Explanation:** An attempt was made, to specify the routing with an illegal initialization character of the routing specification. Permitted characters are:

- **v** for debug routing.
- **w** for routing.

**Action:** Use a correct initialization character for the specification.

**0x1260a89f GDS\_S\_BAD\_SOUNDEX**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Active soundex algorithm: %s, Data are generated with soundex algorithm: %s.\n

**Explanation:** The Directory Service Agent (DSA) uses a soundex algorithm, that was not used to generate the data.

**Action:** Go offline and run gdschdb to regenerate the phonetical representations of the data.

**0x1260aa9a GDS\_S\_BADSRT\_ENTRY**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The Structure Rule Table contains an incorrectly formatted entry: %s.\n

**Explanation:** The specified Structure Rule Table entry is formatted incorrectly.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260a3f2 GDS\_S\_CACHE\_BUFSZ\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** IPC-communication buffer too small

**Explanation:** The program was not able to write a message into an IPC-communication buffer. Normally, messages are fragmented if the message size exceeds the size of a communication buffer. But sometimes this fragmentation is done on a logical level and not on a byte level. Thus, this error occurs always, if the size of a logical unit exceeds the communication buffer size.

**Action:** The size of the IPC-communication buffer must be increased by means of the -l configuration parameter (see IPC configuration file).

**0x1260a3eb GDS\_S\_CACHE\_DESCR\_SZ\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** Wrong size of description file (size = %d, should be %d)

**Explanation:** The program has detected a wrong size of the description file. This could indicate a data inconsistency

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a3ec GDS\_S\_CACHE\_HASH\_SZ\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** Wrong size of hash table file (size = %d, should be %d)

**Explanation:** The program has detected a wrong size of the hash table file. This could indicate a data inconsistency

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a402 GDS\_S\_CACHE\_HSHFULL\_ERR**

**Severity:** Notice       **Component:** gds/GDS\_S\_GENERAL

**Text:** Hash table is full for objects of storage class %d

**Explanation:** The program has detected a full hash table for objects of the specified storage class.

**Action:** Normally there is no action necessary, but if required, the DUA-cache can be reconfigured and the number of objects can be increased.

**0x1260a3ef GDS\_S\_CACHE\_INCONS\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Inconsistent cache data base

**Explanation:** The program has detected an inconsistent DUA-cache data base.

**Action:** To determine the reason report the problem to the responsible software engineer. Restore the database to regain a consistent state.

**0x1260a3fa GDS\_S\_CACHE\_INCONSMMSG\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Inconsistent IPC-message

**Explanation:** The program has detected an inconsistent IPC-request message.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3ed GDS\_S\_CACHE\_INFO\_SZ\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Wrong size of object data (size = %d, should be %d)

**Explanation:** The program has detected a wrong size of the data block of an object. This could indicate a data inconsistency

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a3f4 GDS\_S\_CACHE\_INFSZ\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** The size of a DUA-cache object entry exceeds the upper limit\n (entry size = %d, upper limit = %d)

**Explanation:** The program has detected a DUA-cache object of a size exceeding the upper (implementation) limit.

**Action:** No action possible.

**0x1260a400 GDS\_S\_CACHE\_INVATTRS\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid attribute specification parameter in IPC-message.

**Explanation:** The program has detected an invalid attribute specification parameter in the IPC-request message.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3fe GDS\_S\_CACHE\_INVAVLEN\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid size of an attribute value (length = %d, maximum = %d)

**Explanation:** The program has detected an invalid size of an attribute value.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3f7 GDS\_S\_CACHE\_INVDIRID\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid directory identifier (directory-ID = %d)

**Explanation:** The program has detected an invalid directory identifier.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a401 GDS\_S\_CACHE\_INVDNS\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid distinguished name (DN) specification parameter in IPC-message.

**Explanation:** The program has detected an invalid DN specification parameter in the IPC-request message.

**Action:** To determine the reason report the problem to the responsible software engineer.



**0x1260a3fc GDS\_S\_CACHE\_INVFILT\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid filter syntax (syntax = %d)

**Explanation:** The program has detected an invalid filter syntax.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3fb GDS\_S\_CACHE\_INVMATCH\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid attribute matching rule (rule = %d)

**Explanation:** The program has detected an invalid attribute matching rule.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3f9 GDS\_S\_CACHE\_INVMSGTAG\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid IPC-message tag (tag = %#x, should be %#x)

**Explanation:** The program has detected an invalid IPC-request message part.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3fd GDS\_S\_CACHE\_INVOIDLEN\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid size of object identifier (length = %d, maximum = %d)

**Explanation:** The program has detected an invalid size of an object identifier.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3f5 GDS\_S\_CACHE\_INVRQ\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid service request (operation-ID = %d)

**Explanation:** The program has detected an invalid service request.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3ff GDS\_S\_CACHE\_INVSLIM\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid size limit parameter in IPC-message (limit = %d , should be %d or greater then %d)

**Explanation:** The program has detected an invalid size limit parameter in the IPC-request message.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3f8 GDS\_S\_CACHE\_INVSTC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid storage class parameter (storage class = %d)

**Explanation:** The program has detected an invalid storage class parameter.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3f6 GDS\_S\_CACHE\_INVVERS\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid version number (version no. = %d)

**Explanation:** The program has detected an invalid version number.

**Action:** To determine the reason report the problem to the responsible software engineer.

**0x1260a3ea GDS\_S\_CACHE\_REORG\_SZ\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_GENERAL

**Text:** Wrong size of reorganization file (size = %d, should be %d)

**Explanation:** The program has detected a wrong size of the reorganization file. This could indicate a data inconsistency

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a3f3 GDS\_S\_CACHE\_REQSZ\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** The complete IPC-request message exceeds the upper limit\n (message size = %d, upper limit = %d)

**Explanation:** The program has detected an IPC-message size which exceeds the upper (implementation) limit.

**Action:** No action possible.

**0x1260a3f0 GDS\_S\_CACHE\_RESULT\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Can't send IPC-result message

**Explanation:** The program was not able to send an IPC-result message.

**Action:** To determine the reason report the IPC-problem to the responsible software engineer.

**0x1260a3ee GDS\_S\_CACHE\_VERSION\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Wrong version no. of cache data base (version = %s, should be %s)

**Explanation:** The program has detected a wrong version no. of the DUA- cache data base. This could indicate a data inconsistency

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a3f1 GDS\_S\_CACHE\_WAITIN\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Can't receive IPC-request message

**Explanation:** The program was not able to receive an IPC-request message.

**Action:** To determine the reason report the IPC-problem to the responsible software engineer.

**0x1260aa8e GDS\_S\_CBL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Error while calculating the country bitlist.\n

**Explanation:** The database generation program **gdsgendb** could not generate the country bitlist.

**Action:** Check that the list of countries in the **conf** file meets the following requirements:

- The list must be enclosed in pound signs (#).
- A country name must have exactly two characters.
- A country name can contain only letters.

**0x1260a0e7 GDS\_S\_CHILD\_EXIT**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Normal child exit, status = %d.

**Explanation:** A child process has exited with the specified state.

**Action:** No action required.

**0x1260a0e8 GDS\_S\_CHILD\_SIGNAL**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Child process killed, signal = %d.

**Explanation:** A child process has been killed by the specified signal.

**Action:** No action required.

**0x1260a0d4 GDS\_S\_CLOSE\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** File could not be closed, errno = %d.

**Explanation:** The program could not close a file. The severity level may vary depending on the context of the error.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a579 GDS\_S\_CREAD\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Reading PSAP-address from DUA-cache failed (code = %d, class = %d, value = %d)

**Explanation:** Stub process could not read PSAP-address from DUA-cache

**Action:** Evaluate error values (code, class, value). Report the problem to the responsible software engineer.

**0x1260a57a GDS\_S\_CREADMSG\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Reading PSAP-address from DUA-cache failed because of an inconsistent result message (invalid tag = 0x%x)

**Explanation:** Stub process could not read PSAP-address from DUA-cache

**Action:** Evaluate the invalid tag. Report the problem to the responsible software engineer.

**0x1260a58d GDS\_S\_CUPJOB\_QUEUE\_FULL**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Too much cache update requests in the queue.

**Explanation:** The stub was not able to enter a cache update request in the queue. The cache update request is discarded therefore.

**Action:** Repeat the request at another time.

**0x1260a89c GDS\_S\_DATAVERSION\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Wrong data version number for directory ID %d. Supported: From %d to %d. Found: %d.\n

**Explanation:** The Directory Service Agent for the specified Directory ID has found an unsupported data version number in the **dversion** file.

**Action:** Either restore the database with the expected data version number or run a migration program.

**0x1260a0eb GDS\_S\_DBG\_ROUTING\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to `dce_svc_debug_routing` has failed, error status = %lx, routing specification = %s.

**Explanation:** The program could not set the serviceability debug routing according to the specification. The function has set the specified status.

**Action:** Look up the error status in `dcesvcmsg.h`. If it indicates a shortage of memory, you could try stopping other functions, perhaps applications. If this doesn't work, you will need to acquire more memory. If error status indicates a bad routing specification string, use a correct specification for the routing. A correct specification for debug routing must have the form *component:flags:how:where[:private]*. The *component* is the component name. The *flags* field is a comma-separated list of subcomponents and levels separated by a dot (.). It can also be an asterisk (\*), indicating all subcomponents for that component. The *how* field must be **BINFILE** for the GDS. The *where* field is a filename, that may contain a **%ld** string, that is replaced by the process ID of the currently running process. The *private* field is optional. It is of the form *[dir\_id,]gds\_components.. dir\_id* is optional and specifies the directory ID for which the routing specification string is designated. *gds\_components* is a comma separated list of components of the Global directory service. It must be one of the following:

- **monitor**
- **cache**
- **cstub**
- **sstub**
- **dsa**

**0x1260a8d6 GDS\_S\_DB\_INCONSISTENT**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A database inconsistency was detected.

**Explanation:** An expected C-ISAM record was not found.

**Action:** To determine the reason report the problem to the responsible software engineer. Restore the database to regain a consistent state.

**0x1260a3e8 GDS\_S\_ENTRYCACHE**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** Entry DUA-cache process

**Explanation:** DUA-cache process has been started

**Action:** No action !

**0x1260a960 GDS\_S\_ENTRY\_DAEMON**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsdaemon program for Directory ID %d has started.\n

**Explanation:** The shadow update program **gdsdaemon** for the specified Directory ID has started.

**Action:** No action required.

**0x1260a898 GDS\_S\_ENTRYDSA**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** Entry DSA of Directory ID: %d.\n

**Explanation:** The Directory Service Agent for the specified Directory ID has been started.

**Action:** No action required.

**0x1260aa8c GDS\_S\_ENTRY\_GENDB**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsgendb program started.\n

**Explanation:** The database generation program **gdsgendb** started.

**Action:** No action required.

**0x1260aa28 GDS\_S\_ENTRY\_MKISS**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsmkiss program started.\n

**Explanation:** The schema object creation program **gdsmkiss** started.

**Action:** No action required.

**0x1260ab54 GDS\_S\_ENTRY\_MKUPD**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsmkupd program started.\n

**Explanation:** The master knowledge update program **gdsmkupd** started.

**Action:** No action required.

**0x1260a44c GDS\_S\_ENTRYMONITOR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** Entry monitor process

**Explanation:** Monitor process has been started

**Action:** No action !

**0x1260a44e GDS\_S\_ENTRY\_RPCSERVER**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** Entry monitor process (RPC-server for serviceability)

**Explanation:** RPC-server for serviceability has been started

**Action:** No action !

**0x1260a578 GDS\_S\_ENTRYSTUB**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** Entry Stub of Directory ID: %d

**Explanation:** Stub process for the specified Directory ID has been started

**Action:** No action !



**0x1260aaf0 GDS\_S\_ENTRY\_TRANSFER**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdstransfer started.\n

**Explanation:** The database transfer program **gdstransfer** started.

**Action:** No action required.

**0x1260a191 GDS\_S\_ENVVAR\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** An environment variable %s is missing.

**Explanation:** The program could not read the specified environment variable.

**Action:** Set the specified environment variable.

**0x1260a0e9 GDS\_S\_EXEVCV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to execv has failed, errno = %d.

**Explanation:** The program could not call 'execv'. The severity level may vary depending on the context of the error.

**Action:** Evaluate **errno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the program to be executed.
- Restore the program to be executed.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a3e9 GDS\_S\_EXITCACHE**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** Exit DUA-cache process

**Explanation:** DUA-cache process has been terminated

**Action:** No action !

**0x1260a961 GDS\_S\_EXIT\_DAEMON**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsdaemon program for Directory ID %d has finished.\n

**Explanation:** The shadow update program **gdsdaemon** for the specified Directory ID has finished.

**Action:** No action required.

**0x1260a899 GDS\_S\_EXITDSA**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** Exit DSA of Directory ID: %d.\n

**Explanation:** The Directory Service Agent for the specified Directory ID has shut down.

**Action:** No action required.

**0x1260aa8d GDS\_S\_EXIT\_GENDB**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** Exit database generation program gdsgendb.\n

**Explanation:** The database generation program **gdsgendb** has terminated.

**Action:** No action required.

**0x1260aa29 GDS\_S\_EXIT\_MKISS**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsmkiss program exited.\n

**Explanation:** The schema object creation program **gdsmkiss** has terminated.

**Action:** No action required.

**0x1260ab55 GDS\_S\_EXIT\_MKUPD**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsmkupd program exited.\n

**Explanation:** The master knowledge update program **gdsmkupd** terminated.

**Action:** No action required.

**0x1260a44d GDS\_S\_EXITMONITOR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** Exit monitor process

**Explanation:** Monitor process has been terminated

**Action:** No action !

**0x1260aaf1 GDS\_S\_EXIT\_TRANSFER**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdstransfer exited.\n

**Explanation:** The database transfer program **gdstransfer** terminated.

**Action:** No action required.

**0x1260a0ca GDS\_S\_FCLOSE\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** File could not be closed, errno = %d.

**Explanation:** The program could not close a file. The severity level may vary depending on the context of the error.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0cc GDS\_S\_FCNTL\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** fcntl call failed for command %d, errno = %d.

**Explanation:** The program could not call **fcntl** for a file. The severity level may vary depending on the context of the error.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0cf GDS\_S\_FEOF**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** End of file detected.

**Explanation:** The program has detected the end of a file. The severity level may vary depending on the context of the error.

**Action:** No action required.

**0x1260a0cb GDS\_S\_FFLUSH\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** File could not be flushed, errno = %d.

**Explanation:** The program could not flush a file. The severity level may vary depending on the context of the error.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0c9 GDS\_S\_FOPEN\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** File %s could not be opened in mode '%s', errno = %d.

**Explanation:** The program could not open the specified file in the specified mode. The severity level may vary depending on the context of the error.

**Action:** Evaluate **errno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the file.
- Create the file.
- Restore the database.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a0e3 GDS\_S\_FORK\_ERR**

**Severity:** Unknown    **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to fork has failed, errno = %d.

**Explanation:** The program could not fork.

**Action:** Evaluate **errno** for the reason. Depending on the reason, possible actions are:

- Increment the limit for the count of processes in the system.
- Reduce the count of actually running processes.
- Report the problem to the responsible software engineer.

**0x1260a0cd GDS\_S\_FREAD\_ERR**

**Severity:** Warning    **Component:** gds/GDS\_S\_GENERAL

**Text:** File could not be read, errno = %d.

**Explanation:** The program could not read a file. This could indicate a data inconsistency. The severity level may vary depending on the context of the error.

**Action:** Evaluate **errno** for the reason. To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a0d9 GDS\_S\_FTOK\_ERR**

**Severity:** Fatal    **Component:** gds/GDS\_S\_GENERAL

**Text:** A ftok system call has failed (path =%s, key = %c, errno = %d).

**Explanation:** The program could not perform a ftok operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0ce GDS\_S\_FWRITE\_ERR**

**Severity:** Warning    **Component:** gds/GDS\_S\_GENERAL

**Text:** File could not be written, errno = %d.

**Explanation:** The program could not write a file. The severity level may vary depending on the context of the error.

**Action:** Evaluate **errno** for the reason. To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a8d4 GDS\_S\_ILL\_ACC\_CLASS**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid access class %d detected.

**Explanation:** An invalid access class was encountered in the Directory schema.

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a8d3 GDS\_S\_ILL\_ACC\_RIGHT**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid access right %d detected.

**Explanation:** An invalid access right was encountered in the Directory schema.

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a193 GDS\_S\_ILL\_ASN1\_ATTR\_ENTRY\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_GENERAL

**Text:** An entry in the *asn1\_attr* file with illegal format was detected.

**Explanation:** The program could not read an entry in the **asn1\_attr** file. Each entry should have the format *ob\_id rep*, where *ob\_id* specifies an attribute type and *rep* specifies the ASN.1 representation of the attribute.

**Action:** If the Error occurred in the C-Stub, check the *asn1\_attr* file for incorrect entries and repair the file. If the error occurred in the Directory Service Agent, restore the database.

**0x1260a8cf GDS\_S\_ILL\_AT\_SYNTAX**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Unknown attribute syntax %d detected.

**Explanation:** The attribute table contains an attribute syntax, that is not known by the DSA.

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a8d2 GDS\_S\_ILL\_DN\_INDEX**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid reference %d to Distinguished Name list detected.

**Explanation:** A record contains an invalid reference to the DN-list.

**Action:** This problem should not occur. To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a8d5 GDS\_S\_ILL\_DN\_INTRPRTN**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Illegal interpretation %d of a Distinguished Name %b detected.

**Explanation:** An invalid interpretation of a Distinguished Name was encountered in the distinguished name list.

**Action:** To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a89d GDS\_S\_ILL\_SCHEMA\_NAME**

**Severity:** Fatal          **Component:** gds/GDS\_S\_GENERAL

**Text:** The distinguished name %s of the schema is illegal.\n

**Explanation:** The schema has been changed illegally. As a result the distinguished name of the schema is illegal.

**Action:** Restore the database.

**0x1260a58a GDS\_S\_ILLSTATE\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_GENERAL

**Text:** Illegal process state detected

**Explanation:** Stub process has detected a state not described by the state/event table

**Action:** Evaluate state value. Report the problem to the responsible software engineer.

**0x1260a58b GDS\_S\_ILLSTATE\_EVENT\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Illegal state/event combination detected (state = %d, event = %d)

**Explanation:** Stub process has detected a state/event combination not described by the state/event table

**Action:** Evaluate state resp. event value. Report the problem to the responsible software engineer.

**0x1260a196 GDS\_S\_INCONS\_INSTREAM**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** An input file contains insufficient information.

**Explanation:** The program has tried to read some input, but didn't find it in the input stream.

**Action:** Provide the expected input stream.

**0x1260a89a GDS\_S\_INITDSA**

**Severity:** Notice      **Component:** gds/GDS\_S\_GENERAL

**Text:** DSA of Directory ID: %d has initialized.\n

**Explanation:** The Directory Service Agent for the specified Directory ID has read the schema information and has attached to IPC.

**Action:** No action required.

**0x1260a8a2 GDS\_S\_INIT\_SEC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Initializing credentials failed for auth. mech. %d, name of the target DSA: %s, \nmessage from security interface: %s.\n



**Explanation:** The Directory Service Agent (DSA) could not initialize the credentials for the specified authentication method. This means the DSA can not chain a request to the target DSA via Directory System Protocol (DSP). So the result of an operation may not be the expected one. The following authentication mechanisms can appear:

- 2 = Simple Unprotected Authentication
- 5 = DCE Authentication

**Action:** Check whether the message which was supplied by the security interface can help. If DCE Authentication was used:

- Check whether the attributes **Principal-Name** and **Authentication-Mechanism** of the target Directory Service Agent (DSA) are entered correctly in the Directory Database.
- Check whether the DCE security daemon is active.

**0x1260a195 GDS\_S\_INSUFF\_INFO**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Insufficient information. Variables expected: %d, read: %d.

**Explanation:** The program has tried to read in the specified number of variables, but found less.

**Action:** Check the input stream. If necessary, restore the database.

**0x1260a57f GDS\_S\_INVABSID\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** An unexpected abstract syntax identifier was detected (abstract syntax-ID = %d)

**Explanation:** Stub process could not detected a valid abstract syntax identifier

**Action:** Evaluate the invalid abstract syntax-ID. Report the problem to the responsible software engineer.

**0x1260a584 GDS\_S\_INVDATA\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid data description length parameter in TP-routine call (data description length = %d)

**Explanation:** Stub process has detected an invalid data description length parameter in a TP-routine call.

**Action:** Evaluate the invalid data description length. Report the problem to the responsible software engineer.

**0x1260a586 GDS\_S\_INVOPENID\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid open-ID parameter in TP-routine call (open-ID = %d)

**Explanation:** Stub process has detected an invalid open-ID parameter in a TP-routine call.

**Action:** Evaluate the invalid open-ID. Report the problem to the responsible software engineer.

**0x1260a57e GDS\_S\_INVRCVBUFFER\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** An unexpected receive buffer type or length was detected (type = %d, length = %d)

**Explanation:** Stub process could not detected a valid receive buffer type or receive buffer length

**Action:** Evaluate the invalid buffer type/length. Report the problem to the responsible software engineer.

**0x1260a583 GDS\_S\_INVTRANS\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid transfer type parameter in TP-routine call (transfer type = %d)

**Explanation:** Stub process has detected an invalid transfer type parameter in a TP-routine call.

**Action:** Evaluate the invalid transfer type. Report the problem to the responsible software engineer.

**0x1260a582 GDS\_S\_INVVERSNO\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid version no. in TP-routine call (version = %d)

**Explanation:** Stub process has detected an invalid version no. parameter in a TP-routine call.

**Action:** Evaluate the invalid version number. Report the problem to the responsible software engineer.

**0x1260a57c GDS\_S\_IOVERFLOW\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** An IPC-association table overflow was detected (max. no. of entries = %d)

**Explanation:** Stub process could not find an empty IPC-association table entry

**Action:** If required, the no. of IPC-association table entries can be increased by starting the Stub process with the -I switch.

**0x1260a45b GDS\_S\_IPCASIDIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-association-ID parameter (association-ID = %d)

**Explanation:** An IPC-function has detected an illegal association-ID parameter.

**Action:** Evaluate association-ID parameter. Report the problem to the responsible software engineer.

**0x1260a467 GDS\_S\_IPCDIRIDIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal directory-ID type parameter (directory-ID = %d)

**Explanation:** An IPC-function has detected an illegal directory-ID parameter.

**Action:** Evaluate directory-ID parameter. Report the problem to the responsible software engineer.

**0x1260a588 GDS\_S\_IPCEV\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Can't get IPC-event description (file descriptor information)

**Explanation:** Stub process was not able to register at IPC.

**Action:** Evaluate error occurring at IPC-level. Report the problem to the responsible software engineer.

**0x1260a462 GDS\_S\_IPCEVMOIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-event mode parameter (event mode = %d)

**Explanation:** An IPC-function has detected an illegal event mode parameter.

**Action:** Evaluate event mode parameter. Report the problem to the responsible software engineer.

**0x1260a486 GDS\_S\_IPCEXTSPEC\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Invalid specification of an shared memory extension area

**Explanation:** An illegal extension area specification for the -e switch was detected by the gdsipcinit program.

**Action:** Use an valid extension area specification consisting of: -e <extension area identifier>, <extension area size>, <# of extension area entries (optional)>, <extension area initialization value (optional)>.

**0x1260a473 GDS\_S\_IPCGETRES\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Allocation of IPC-resources failed

**Explanation:** The IPC-resources could not be allocated successfully because of a system problem.

**Action:** Evaluate system problem which is also logged. Report the problem to the responsible software engineer.

**0x1260a474 GDS\_S\_IPCHEAPREL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Releasing heap memory failed (offset = %#x)

**Explanation:** A heap memory block could not be successfully released from IPC-shared memory.

**Action:** Evaluate offset value. Report the problem to the responsible software engineer.

**0x1260a45f GDS\_S\_IPCILNIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-invoke-PDU length parameter (PDU-length = %d)

**Explanation:** An IPC-function has detected an illegal invoke-PDU length parameter.

**Action:** Evaluate invoke-PDU length parameter. Report the problem to the responsible software engineer.

**0x1260a488 GDS\_S\_IPCINUSE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-resources already in use

**Explanation:** The gdsipcnit program was called even though the directory system is already running.

**Action:** The directory system should be deactivated first.

**0x1260a464 GDS\_S\_IPCINVIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-invoke information parameter (invoke-ID = %d, user-ID = %d, context-Id = %d)

**Explanation:** An IPC-function has detected an illegal invoke information parameter.

**Action:** Evaluate invoke information parameter. Report the problem to the responsible software engineer.

**0x1260a476 GDS\_S\_IPCLIMASS\_ERR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-association limit exceeded (limit = %d)

**Explanation:** An IPC-association cannot be established to an IPC-server because of a resource limitation.

**Action:** Deactivate Directory System. Increase the number of clients (for any directory-ID configured) being able to access the Directory System at a time. Activate Directory System.

**0x1260a47b GDS\_S\_IPCLIMCRED\_ERR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-user credential entry limit exceeded (limit = %d)

**Explanation:** An IPC-process cannot add user credentials to shared memory because of a resource limitation.

**Action:** Deactivate Directory System. Increase the number of clients (for any directory-ID configured) being able to access the Directory System at a time. Activate Directory System.

**0x1260a479 GDS\_S\_IPCLIMDIST\_ERR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-distributed command entry limit exceeded (limit = %d)

**Explanation:** An IPC-process cannot send a distributed command because of a resource limitation.

**Action:** Deactivate Directory System. Increase the number of clients (for any directory-ID configured) being able to access the Directory System at a time. Activate Directory System.

**0x1260a47a GDS\_S\_IPCLIMHEAP\_ERR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-heap memory limit exceeded (memory size requested = %d)

**Explanation:** An IPC-process cannot write data to shared memory heap because of a resource limitation.

**Action:** Deactivate Directory System. Increase the number of clients (for any directory-ID configured) being able to access the Directory System at a time. Activate Directory System.

**0x1260a478 GDS\_S\_IPCLIMREG\_ERR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-registration limit exceeded (limit = %d)

**Explanation:** An IPC-process cannot be registered at IPC level because of a resource limitation.

**Action:** Deactivate Directory System. Increase the number of clients (for any directory-ID configured) being able to access the Directory System at a time. Activate Directory System.

**0x1260a45e GDS\_S\_IPCMREFIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-buffer reference parameter (buffer reference = %#x)

**Explanation:** An IPC-function has detected an illegal buffer reference parameter.

**Action:** Evaluate buffer reference parameter. Report the problem to the responsible software engineer.

**0x1260a47c GDS\_S\_IPCMGSZ\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-message of invalid size received (size = %d)

**Explanation:** An IPC-message of an invalid size was received.

**Action:** Evaluate the size. Report the problem to the responsible software engineer.

**0x1260a45d GDS\_S\_IPCMTYPIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-data fragment parameter (data fragment = %d)

**Explanation:** An IPC-function has detected an illegal data fragment parameter.

**Action:** Evaluate data fragment parameter. Report the problem to the responsible software engineer.

**0x1260a481 GDS\_S\_IPCMXBUFS\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'max. IPC-communication buffer size' switch value (value = %d ; 0 < value <= %d)

**Explanation:** An illegal parameter value for the -l switch (max. communication buffer size) was detected by the gdsipcinit program.

**Action:** Specify a valid parameter value.

**0x1260a483 GDS\_S\_IPCMXCLT\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'max. # of IPC-client entries' switch value (value = %d ; 0 < value <= %d)

**Explanation:** An illegal parameter value for the -c switch (max. # of client entries) was detected by the gdsipcinit program.

**Action:** Specify a valid parameter value.

**0x1260a484 GDS\_S\_IPCMXCRD\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'max. # of IPC-user credential entries' switch value (value = %d ; 0 < value <= %d)

**Explanation:** An illegal parameter value for the -u switch (max. # of user credential entries) was detected by the gdsipcinit program.

**Action:** Specify a valid parameter value.

**0x1260a47f GDS\_S\_IPCMXDIST\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'max. # of distributed command entries' switch value (value = %d ; 0 < value <= %d)

**Explanation:** An illegal parameter value for the -d switch (max. # of distributed command entries) was detected by the gdsipcinit program.

**Action:** Specify a valid parameter value.

**0x1260a485 GDS\_S\_IPCMXHP\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'max. # of IPC-heap buffer entries' switch value (value = %d ; 0 < value <= %d)

**Explanation:** An illegal parameter value for the -h switch (max. # of heap buffer entries) was detected by the gdsipcinit program.

**Action:** Specify a valid parameter value.



**0x1260a480 GDS\_S\_IPCMXREG\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'max. # of IPC-registration entries' switch value (value = %d ; 0 < value <= %d)

**Explanation:** An illegal parameter value for the -r switch (max. # of registration entries) was detected by the gdsipcinit program.

**Action:** Specify a valid parameter value.

**0x1260a482 GDS\_S\_IPCMXSRV\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'max. # of IPC-server entries' switch value (value = %d ; 0 < value <= %d)

**Explanation:** An illegal parameter value for the -s switch (max. # of server entries) was detected by the gdsipcinit program.

**Action:** Specify a valid parameter value.

**0x1260a47e GDS\_S\_IPCNOREG\_ERR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** Can't find registration entry (process type = %d, directory-ID = %d)

**Explanation:** It was impossible to find a registration entry associated to the specified parameters.

**Action:** Evaluate 'process type'- and 'directory-ID'-parameter. Report the problem to the responsible software engineer.

**0x1260a46d GDS\_S\_IPCNOSERV\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Requested IPC-server not available (server-ID = %d)

**Explanation:** A request was made to an IPC-server which is not (yet) available.

**Action:** Evaluate requested server-ID. Report the problem to the responsible software engineer.

**0x1260a465 GDS\_S\_IPCOPIDIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-operation-ID parameter (operation-ID = %d)

**Explanation:** An IPC-function has detected an illegal operation-ID parameter.

**Action:** Evaluate operation-ID parameter. Report the problem to the responsible software engineer.

**0x1260a469 GDS\_S\_IPCPARSZIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal 'distributed command parameter size' parameter (parameter size = %d)

**Explanation:** An IPC-function has detected an illegal 'distributed command parameter size' parameter.

**Action:** Evaluate 'parameter size' value. Report the problem to the responsible software engineer.

**0x1260a466 GDS\_S\_IPCPTYPEIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-process type parameter (process type = %d)

**Explanation:** An IPC-function has detected an illegal process type parameter.

**Action:** Evaluate process type parameter. Report the problem to the responsible software engineer.

**0x1260a460 GDS\_S\_IPCRLNIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-result-PDU length parameter (PDU-length = %d)

**Explanation:** An IPC-function has detected an illegal result-PDU length parameter.

**Action:** Evaluate result-PDU length parameter. Report the problem to the responsible software engineer.

**0x1260a470 GDS\_S\_IPCRMMSG\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Receiving of an IPC-message failed

**Explanation:** Receiving of an IPC-message through message queue was not successfully because of a system problem.

**Action:** Evaluate system problem which is also logged. Report the problem to the responsible software engineer.

**0x1260a461 GDS\_S\_IPCRSTYIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-result type parameter (result type = %d)

**Explanation:** An IPC-function has detected an illegal result type parameter.

**Action:** Evaluate result type parameter. Report the problem to the responsible software engineer.

**0x1260a477 GDS\_S\_IPCSLIMSVR\_ERR**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-server limit exceeded (limit = %d)

**Explanation:** An IPC-server cannot become established to IPC because of a resource limitation.

**Action:** Deactivate Directory System. Increase the number of servers (for any directory-ID configured). Activate Directory System.

**0x1260a46f GDS\_S\_IPCSMSG\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Sending of an IPC-message failed

**Explanation:** Sending of an IPC-message through message queue was not successfully because of a system problem.

**Action:** Evaluate system problem which is also logged. Report the problem to the responsible software engineer.

**0x1260a472 GDS\_S\_IPCSRATT\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Receiving of an attention message failed (fd = %d, errno = %d)

**Explanation:** Receiving of an attention message through named FIFO was not successfully because of a system problem.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a471 GDS\_S\_IPCSSATT\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Sending of an attention message failed

**Explanation:** Sending of an attention message through named FIFO was not successfully because of a system problem.

**Action:** Evaluate system problem which is also logged. Report the problem to the responsible software engineer.

**0x1260a46c GDS\_S\_IPCSTATE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** IPC-function call not allowed in this state (state = %d)

**Explanation:** An IPC-function was called in a state where this isn't allowed.

**Action:** Evaluate state information. Report the problem to the responsible software engineer.

**0x1260a46a GDS\_S\_IPCSTATEIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal process state parameter (process state = '%s')

**Explanation:** An IPC-function has detected an illegal process state parameter.

**Action:** Evaluate process state parameter. Report the problem to the responsible software engineer.

**0x1260a45a GDS\_S\_IPCSVIDIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-server-ID parameter (server-ID = %d)

**Explanation:** An IPC-function has detected an illegal server-ID parameter.

**Action:** Evaluate server-ID parameter. Report the problem to the responsible software engineer.

**0x1260a463 GDS\_S\_IPCSVMOIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-server mode parameter (server mode = %d)

**Explanation:** An IPC-function has detected an illegal server mode parameter.

**Action:** Evaluate server mode parameter. Report the problem to the responsible software engineer.

**0x1260a46e GDS\_S\_IPCSYNC\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Synchronisation of IPC-shared memory access failed

**Explanation:** An access to IPC-shared memory could not be synchronized successfully because of a system problem.

**Action:** Evaluate system problem which is also logged. Report the problem to the responsible software engineer.

**0x1260a475 GDS\_S\_IPCTMEX\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Sending distributed command failed because of time out\n\t\t\t(command = %d, server/process-ID = %d, timeout = %d)

**Explanation:** The IPC-resources could not be allocated successfully because of a system problem.

**Action:** Evaluate system problem which is also logged. Report the problem to the responsible software engineer.

**0x1260a468 GDS\_S\_IPCTMOUTIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal timeout parameter (timeout = %d sec)

**Explanation:** An IPC-function has detected an illegal timeout parameter.

**Action:** Evaluate timeout parameter. Report the problem to the responsible software engineer.

**0x1260a487 GDS\_S\_IPCUNKNOWN\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Illegal switch (switch = -%c)\nvalid switches are:\n \t[-d<# of dist. command entries>]\n \t[-r<# of registration entries>]\n \t[-s<# of server entries>]\n \t[-c<# of client entries>]\n \t[-u<# of user credential entries>]\n \t[-l<com. buffer size (in kB)>]\n \t[-h<# of heap entries>]\n \tor\n \t[-R (= remove IPC-resources)]\n

**Explanation:** An illegal switch was detected by the gdsipcinit program.

**Action:** Specify valid switches only.

**0x1260a46b GDS\_S\_IPCUNLDIL\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Illegal process unload factor parameter (unload factor = %d)

**Explanation:** An IPC-function has detected an illegal process unload factor parameter.

**Action:** Evaluate process unload factor parameter. Report the problem to the responsible software engineer.

**0x1260a459 GDS\_S\_IPCVERS\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Invalid IPC-version number (version = %d)

**Explanation:** The program has detected an invalid version number.

**Action:** The program must be relinked by using the proper IPC- library. The actual IPC-version number in use can be obtained by means of the tool 'gdsipcstat'.

**0x1260a458 GDS\_S\_IPCVERSIL\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-version number parameter (version = %d)

**Explanation:** An IPC-function has detected an illegal version parameter.

**Action:** Evaluate version number parameter. Report the problem to the responsible software engineer.

**0x1260a47d GDS\_S\_IPCVPID\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Can't find a new virtual process-ID

**Explanation:** It was impossible to associate a new virtual process-ID to a real process.

**Action:** Report the problem to the responsible software engineer.

**0x1260a45c GDS\_S\_IPCWYPIL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_IPC

**Text:** Illegal IPC-wait time parameter (wait time type = %d)

**Explanation:** An IPC-function has detected an illegal wait time parameter.

**Action:** Evaluate wait time parameter. Report the problem to the responsible software engineer.

**0x1260a8c3 GDS\_S\_ISADDINDEX\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A C-ISAM-index could not be added, iserrno = %d.

**Explanation:** The program could not add an index to a C-ISAM file.

**Action:** Evaluate **iserrno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Free up disk space.
- Grant access right to the C-ISAM file.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a8c2 GDS\_S\_ISBUILD\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** C-ISAM-FILE %s with record length %d could not be built in mode %d, iserrno = %d.

**Explanation:** The program could not build the specified C-ISAM file in the specified mode.

**Action:** Evaluate **iserrno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Free up disk space.
- Grant access right to the directory.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

#### **0x1260a8c5 GDS\_S\_ISCLOSE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** C-ISAM File could not be closed, iserrno = %d.

**Explanation:** The program could not close a C-ISAM file.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **iserrno** for the reason. Report the problem to the responsible software engineer.

#### **0x1260a8cb GDS\_S\_ISDELETE\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** The record of a C-ISAM File could not be deleted, iserrno = %d.

**Explanation:** The program could not delete the record of a C-ISAM file.

**Action:** Evaluate **iserrno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the C-ISAM file.
- Restore the database.
- Activate the Directory System.
- Report the problem to the responsible software engineer.



**0x1260a8cc GDS\_S\_ISLOCK\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A C-ISAM File could not be locked, iserrno = %d.

**Explanation:** The program could not lock a C-ISAM file.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a8c4 GDS\_S\_ISOPEN\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** C-ISAM-FILE %s could not be opened in mode %d, iserrno = %d.

**Explanation:** The program could not open the specified C-ISAM file in the specified mode. The severity level may vary depending on the context of the error.

**Action:** Evaluate **iserrno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the C-ISAM file.
- Restore the database.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a8c9 GDS\_S\_ISREAD\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** C-ISAM-File could not be read with mode %d, iserrno = %d.

**Explanation:** The program could not read a C-ISAM file. The severity level may vary depending on the context of the error.

**Action:** Evaluate **iserrno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the C-ISAM file.

- Restore the database.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a8cd GDS\_S\_ISRELEASE\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A locked C-ISAM File could not be released or unlocked, iserrno = %d.

**Explanation:** The program could not release a locked C-ISAM record or unlock the file.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a8c8 GDS\_S\_ISSTART\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** C-ISAM-record pointer could not be set, iserrno = %d.

**Explanation:** The program could not set the C-ISAM record pointer.

**Action:** Evaluate **iserrno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the C-ISAM file.
- Restore the database.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a8c6 GDS\_S\_ISUNIQUEID\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A unique ID could not be generated for a C-ISAM-File, iserrno = %d.

**Explanation:** The program could not generate a unique ID for a C-ISAM file. The severity level may vary depending on the context of the error.

**Action:** Evaluate **iserrno** for the reason. To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a8ca GDS\_S\_ISWRITE\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** C-ISAM File could not be written, iserrno = %d.

**Explanation:** The program could not write a C-ISAM file. The severity level may vary depending on the context of the error.

**Action:** Evaluate **iserrno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the C-ISAM file.
- Restore the database.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a58e GDS\_S\_LARGE\_CUPMSG\_ELEMENT**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** An element of the cache update message is longer than 4096 byte. Actual length: %d.

**Explanation:** A cache update message could not be generated, as it contained an element of more than 4096 byte. The cache update is suppressed therefore.

**Action:** No action required.

**0x1260a0d5 GDS\_S\_LINK\_ERR**

**Severity:** Unknown      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not create a link to the file %s, errno = %d.

**Explanation:** The program could not create a link to the specified file.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a8d0 GDS\_S\_MAX\_DN\_INDEX**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Maximum Distinguished name list index is exceeded.

**Explanation:** The maximum index (32767) of the Distinguished Name (DN) list is reached. No more DN-list entries can be added.

**Action:** DN-List entries may be released by deleting attribute values of the Distinguished name syntax or of the ACL syntax. A DN-List entry is not released unless all such attribute values that are represented by the entry are released.

**0x1260a8d1 GDS\_S\_MAX\_DN\_MEMORY**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Maximum memory for Distinguished name list exceeded.

**Explanation:** The memory maximum (160 K) of the Distinguished Name List is reached. No more DN-list entries can be added.

**Action:** DN-List entries may be released by deleting attribute values of the Distinguished name syntax or of the ACL syntax. A DN-List entry is not released unless all such attribute values that are represented by the entry are released.

**0x1260a0d7 GDS\_S\_MKNOD\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Named FIFO %s could not be created in mode \"%d\", errno = %d.

**Explanation:** The program could not create the specified named FIFO.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0e0 GDS\_S\_MSGCTL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A msgctl system call has failed (command = %d, errno = %d).

**Explanation:** The program could not perform a msgctl operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0df GDS\_S\_MSGGET\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A msgget system call has failed (key = %d , access mode = %o, errno = %d).

**Explanation:** The program could not perform a msgget operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0e2 GDS\_S\_MSGRCV\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A msgrcv system call has failed (errno = %d).

**Explanation:** The program could not perform a msgrcv operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0e1 GDS\_S\_MSGSND\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A msgsnd system call has failed (errno = %d).

**Explanation:** The program could not perform a msgsnd operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260aa97 GDS\_S\_NAMAT\_RECUR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Acronym %s cannot have unlimited recurrence.\n

**Explanation:** The Attribute table of the administrated schema is in an illegal state. The number of recurring values is 0, but the indicated acronym cannot have unlimited recurrence, as it is used as a naming acronym in an SRT entry.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored.

In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260a7d6 GDS\_S\_NDS\_BUF\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid TSAP-address buffer size (size = %d, must be > %d)

**Explanation:** The program has detected an inconsistent NSAP-address

**Action:** Evaluate buffer size. Report the problem to the responsible software engineer.

**0x1260a80f GDS\_S\_NDS\_CNSAP\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_CMX

**Text:** Parser: compiling NSAP-address regular expression failed %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a80c GDS\_S\_NDS\_DEVNM\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Syntax error (profile device missing) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a7d4 GDS\_S\_NDS\_DNSAP\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Can't decode NSAP-address (error code = %d)

**Explanation:** The program was not able to decode a NSAP-address

**Action:** No action !

**0x1260a7f1 GDS\_S\_NDS\_E163AC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Area code of E.163-address missing

**Explanation:** The program was not able to detect an area code associated to a E.163-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7f0 GDS\_S\_NDS\_E163CC\_ERR**

**Severity:** Warning     **Component:** gds/GDS\_S\_CMX

**Text:** Country code (CC) of E.163-address missing

**Explanation:** The program was not able to detect a country code associated to a E.163-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7f2 GDS\_S\_NDS\_E163\_ERR**

**Severity:** Warning     **Component:** gds/GDS\_S\_CMX

**Text:** E.163-address missing

**Explanation:** The program was not able to detect an E.163-address associated to a NSAP-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7ee GDS\_S\_NDS\_E163IP\_ERR**

**Severity:** Warning     **Component:** gds/GDS\_S\_CMX

**Text:** International prefix of E.163-address missing

**Explanation:** The program was not able to detect an international prefix associated to a E.163-address.

**Action:** Provide a correct NDS-configuration file.

**0x1260a7ef GDS\_S\_NDS\_E163NP\_ERR**

**Severity:** Warning     **Component:** gds/GDS\_S\_CMX

**Text:** National prefix of E.163-address missing

**Explanation:** The program was not able to detect an national prefix associated to a E.163-address.

**Action:** Provide a correct NDS-configuration file.

**0x1260a7f3 GDS\_S\_NDS\_E163V\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid E.163-address (size = %d, %d <= size <= %d)

**Explanation:** The program has detected an invalid E.163-address.

**Action:** Provide a correct E.163-address.

**0x1260a7f5 GDS\_S\_NDS\_E164CC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Country code (CC) of E.164-address missing

**Explanation:** The program was not able to detect a country code associated to a E.164-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7f7 GDS\_S\_NDS\_E164\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** E.164-address missing

**Explanation:** The program was not able to detect an E.164-address associated to a NSAP-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7f4 GDS\_S\_NDS\_E164IP\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** International prefix of E.164-address missing

**Explanation:** The program was not able to detect an international prefix associated to a E.164-address.

**Action:** Provide a correct NDS-configuration file.

**0x1260a7f6 GDS\_S\_NDS\_E164NDC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX



**Text:** National destination code (NDC) of E.164-address missing

**Explanation:** The program was not able to detect a national destination code associated to a E.164-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7f8 GDS\_S\_NDS\_E164V\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid E.164-address (size = %d, %d <= size <= %d)

**Explanation:** The program has detected an invalid E.164-address.

**Action:** Provide a correct E.164-address.

**0x1260a811 GDS\_S\_NDS\_ENSAP\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Can't encode NSAP-address (error = %d) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a806 GDS\_S\_NDS\_IFDESC\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: No interface description found %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a807 GDS\_S\_NDS\_IFMXDESC\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Maximal number of interface descriptions exceeded (maximum = %d) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a808 GDS\_S\_NDS\_IFNM\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Inconsistent use of interface names (%s != %s) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a81a GDS\_S\_NDS\_LEX\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Lexical analyser: syntax error %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a81b GDS\_S\_NDS\_LEX\_ERR1**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Lexical analyser: same DSP-part number specified twice %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a81c GDS\_S\_NDS\_LEX\_ERR2**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Lexical analyser: port number range exceeded (port = %d, maximum = %d) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a81d GDS\_S\_NDS\_LEX\_ERR3**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Lexical analyser: multiple use of same CC (communication controller)-number

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a81e GDS\_S\_NDS\_LEX\_ERR4**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Lexical analyser: multiple use of same CC (communication controller)-line number

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a7e7 GDS\_S\_NDS\_MAC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** MAC-address (ethernet address) missing

**Explanation:** The program was not able to detect a MAC-address associated to a NSAP-address.

**Action:** Provide a correct NSAP-address.

**0x1260a7e8 GDS\_S\_NDS\_MACV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid MAC-address (ethernet address) (size = %d, should be %d)

**Explanation:** The program has detect an invalid MAC-address associated to a NSAP-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7da GDS\_S\_NDS\_MAP\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid mapping rule parameter (mapping rule = %d)

**Explanation:** The program has detected an invalid mapping rule parameter.

**Action:** Evaluate mapping rule parameter. Report the problem to the responsible software engineer.

**0x1260a7d5 GDS\_S\_NDS\_MAPNSAP\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Can't map NSAP-address information

**Explanation:** The program was not able to map NSAP-address information

**Action:** No action !

**0x1260a817 GDS\_S\_NDS\_MISE163\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: E.163-information missing (e.g. CC/NP) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a816 GDS\_S\_NDS\_MISE164\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: E.164-information missing (e.g. CC/NDC) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a818 GDS\_S\_NDS\_MISPROF\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: (Sub-)profile information missing %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a815 GDS\_S\_NDS\_MISX121\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: X.121-information missing (e.g. DCC/DNIC) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a80e GDS\_S\_NDS\_MXNET\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Maximum number of net-address descriptions exceeded (maximum = %d) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a812 GDS\_S\_NDS\_MXOPT\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Maximum number of NSAP-address address map ping options exceeded (maximum = %d) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a809 GDS\_S\_NDS\_MXPROF\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Maximum number of profile descriptions exceeded (maximum = %d) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a7de GDS\_S\_NDS\_NBGUID\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Unique/group-ID for NETBIOS-address missing

**Explanation:** The program was not able to detect an unique/group identifier which must be associated to a NETBIOS-address.

**Action:** Provide a correct NSAP-address.

**0x1260a7df GDS\_S\_NDS\_NBGUIDV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid unique/group-ID for NETBIOS-address (id = %d, should be %d or %d)

**Explanation:** The program has detect an invalid unique/group identifier associated to the NETBIOS-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7e0 GDS\_S\_NDS\_NBNAME\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** NETBIOS-name missing

**Explanation:** The program was not able to detect a NETBIOS-name which must be associated to a NETBIOS-address.

**Action:** Provide a correct NSAP-address.

**0x1260a7e1 GDS\_S\_NDS\_NBNAMEV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid NETBIOS-name (size = %d, maximum = %d)

**Explanation:** The program has detect an invalid NETBIOS-name associated to a NETBIOS-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7fe GDS\_S\_NDS\_NETADDR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** NOTICE: NSAP-address description entries decreased to %d (default value = %d)

**Explanation:** The program has decreased the number of NSAP-address description entries to a value smaller than the default value.

**Action:** No action !

**0x1260a805 GDS\_S\_NDS\_NETSPACE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Can't allocate memory for net-address descriptions (%d bytes) %s

**Explanation:** The program was not able to allocate memory for net-address descriptions.

**Action:** If possible, specify a smaller number of net-addresses by means of the -n switch.

**0x1260a80a GDS\_S\_NDS\_NONSAP\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: No NSAP-address found %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a7d2 GDS\_S\_NDS\_NSAP\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Inconsistent NSAP-address information (length = %d)

**Explanation:** The program has detected an inconsistent NSAP-address

**Action:** No action !

**0x1260a7d3 GDS\_S\_NDS\_NSAP\_ERR1**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid number of NSAP-addresses (no. = %d, maximum = %d)

**Explanation:** The program has detected an invalid number of NSAP-addresses

**Action:** No action !

**0x1260a800 GDS\_S\_NDS\_OCONF\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Reopening of NDS-configuration source file '%s' failed (errno = %d)

**Explanation:** The program was not able to reopen the NDS-configuration source file.

**Action:** Evaluate the **iserrno** error variable for the reason.

**0x1260a801 GDS\_S\_NDS\_OCONFO\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Opening of NDS-configuration data base file '%s' failed (errno = %d)

**Explanation:** The program was not able to open the NDS-configuration data base file.

**Action:** Evaluate the **iserrno** error variable for the reason.

**0x1260a7d9 GDS\_S\_NDS\_OPMODE\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid operation mode parameter (operation mode = %d)

**Explanation:** The program has detected an invalid operation mode parameter.

**Action:** Evaluate operation mode parameter. Report the problem to the responsible software engineer.

**0x1260a813 GDS\_S\_NDS\_OPTMEM\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Allocating memory for option value failed (size = %d) %s

**Explanation:** The program was not able to allocate memory for a NSAP-address option value.

**Action:** No action !

**0x1260a80d GDS\_S\_NDS\_PRIO\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Profile priority already exists (priority = %d) %s



**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a7e5 GDS\_S\_NDS\_PROC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** TRANSDATA processor number missing

**Explanation:** The program was not able to detect a processor number which must be associated to a TRANSDATA-address.

**Action:** Provide a correct NSAP-address.

**0x1260a7e6 GDS\_S\_NDS\_PROCV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid TRANSDATA processor number (processor = %d, %d <= processor < %d)

**Explanation:** The program has detect an invalid region number associated to a TRANSDATA-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a80b GDS\_S\_NDS\_PROFID\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Inconsistent use of profile-ID (%d != %d) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a7d7 GDS\_S\_NDS\_PROV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid XTI-provider name or index (name = '%s', index = %d)

**Explanation:** The program has detected an invalid XTI-provider name or index parameter

**Action:** Evaluate XTI-provider name/index parameter. Report the problem to the responsible software engineer.

**0x1260a7fb GDS\_S\_NDS\_PVC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Permanent virtual call (PVC)-number missing

**Explanation:** The program was not able to detect a permanent virtual call number associated to a NSAP-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7fc GDS\_S\_NDS\_PVCV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid permanent virtual call number (number = %d, %d <= number <= %d)

**Explanation:** The program has detected an invalid permanent virtual call number.

**Action:** Provide a correct PVC-number.

**0x1260a803 GDS\_S\_NDS\_REDIR\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_CMX

**Text:** Redirection of 'stdout' failed (errno = %d)

**Explanation:** The program was not able to reopen the NDS-configuration source file.

**Action:** Evaluate the **iserrno** error variable for the reason

**0x1260a810 GDS\_S\_NDS\_REGCOMP\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_CMX

**Text:** Regular expression compilation error (reason = %s (%d)) %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a7e3 GDS\_S\_NDS\_REGION\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** TRANSDATA region number missing

**Explanation:** The program was not able to detect a region number which must be associated to a TRANSDATA-address.

**Action:** Provide a correct NSAP-address.

**0x1260a7e4 GDS\_S\_NDS\_REGIONV\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid TRANSDATA region number (region = %d, %d <= region < %d)

**Explanation:** The program has detect an invalid region number associated to a TRANSDATA-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7d8 GDS\_S\_NDS\_RULES\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** No NSAP-address matching rules found

**Explanation:** The program has found no matching rules in the data base corresponding to the requested transport provider type.

**Action:** If a valid NSAP-address was specified, then a transport provider specification associated to this address must be entered into the NDS-configuration data base.

**0x1260a7db GDS\_S\_NDS\_SEL\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** No NSAP-address selection possible

**Explanation:** The program was not able to associate NSAP-address information to a specific transport provider.

**Action:** If a valid NSAP-address was specified, then a NSAP-address (group) specification must be entered into the NDS-configuration data base.

**0x1260a7e9 GDS\_S\_NDS\_SUBID\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Subnetwork-ID missing

**Explanation:** The program was not able to detect a subnetwork identifier associated to a NSAP-address.

**Action:** Provide a correct NSAP-address.

**0x1260a7e2 GDS\_S\_NDS\_TPID\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Transport protocol-ID missing

**Explanation:** The program was not able to detect a Transport protocol identifier associated to a NSAP-address.

**Action:** Provide a correct NSAP-address.

**0x1260a7d0 GDS\_S\_NDS\_TSAP\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Inconsistent TSAP-address information (length = %d)

**Explanation:** The program has detected an inconsistent TSAP-address

**Action:** No action !

**0x1260a7d1 GDS\_S\_NDS\_TSEL\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Inconsistent T-selector information (length = %d)

**Explanation:** The program has detected an inconsistent T-selector

**Action:** No action !

**0x1260a81f GDS\_S\_NDS\_UNKNOWNREP\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Unknown representation for option detected ( option type = %d, representation = %d)

**Explanation:** The program has detected an unknown representation value associated to an option.

**Action:** Evaluate option type and representation. Report the problem to the responsible software engineer.

**0x1260a7ff GDS\_S\_NDS\_USAGE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid switch detected\n \tUSAGE: ndscomp\n \t[-h<workspace size>]\n \t[-n<# of net-address description entries>]\n \t[-o<NDS-configuration data base file>]\n \t[-V<1|2>] = verbose mode (1), extended verbose mode (2)\n \t[-P, -w] = serviceability switches\n \t<NDS-configuration source file>

**Explanation:** The program ndscomp was called with an incorrect syntax.

**Action:** No action !

**0x1260a814 GDS\_S\_NDS\_UWSPACE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Unsufficient work space memory %s

**Explanation:** The program has detected an unsufficient work space.

**Action:** The work space may be increased be means of the -h switch.

**0x1260a7dd GDS\_S\_NDS\_VERS\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid version of NDS-configuration data base (version = %d , should be %d)

**Explanation:** The program has detected an invalid version number in the NDS-configuration data base.

**Action:** Evaluate version number. Report the problem to the responsible software engineer.

**0x1260a802 GDS\_S\_NDS\_WCONFO\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** A write operation to NDS-configuration data base file '%s' failed (errno = %d)

**Explanation:** The program was not able to write to the NDS-configuration data base file.

**Action:** Evaluate the **iserrno** error variable for the reason.

**0x1260a7fd GDS\_S\_NDS\_WORKSPACE**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** NOTICE: Work space decreased to %d byte(s) (default value = %d)

**Explanation:** The program has decreased the workspace to a value smaller than the default value.

**Action:** No action !

**0x1260a804 GDS\_S\_NDS\_WSPACE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: Can't allocate work space memory (%d bytes) %s

**Explanation:** The program was not able to allocate work space memory.

**Action:** If possible, specify a smaller work space by means of the -h switch.

**0x1260a7eb GDS\_S\_NDS\_X121DCC\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Data country code (DCC)/Data network ID code (DNIC) missing

**Explanation:** The program was not able to detect a data country code/ data network ID code associated to a X.121-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7ec GDS\_S\_NDS\_X121\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** X.121-address missing

**Explanation:** The program was not able to detect a X.121-address associated to a NSAP-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7ea GDS\_S\_NDS\_X121IP\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** International prefix of X.121-address missing

**Explanation:** The program was not able to detect an international prefix associated to a X.121-address.

**Action:** Provide a correct NDS-configuration file.

**0x1260a7ed GDS\_S\_NDS\_X121V\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid X.121-address (size = %d, %d <= size <= %d)

**Explanation:** The program has detected an invalid X.121-address.

**Action:** Provide a correct X.121-address.

**0x1260a7f9 GDS\_S\_NDS\_X21\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** X.21-address missing

**Explanation:** The program was not able to detect an X.21-address associated to a NSAP-address.

**Action:** Provide a correct NSAP-address resp. NDS-configuration file.

**0x1260a7fa GDS\_S\_NDS\_X21V\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** Invalid X.21-address (size = %d, %d <= size <= %d)

**Explanation:** The program has detected an invalid X.21-address.

**Action:** Provide a correct X.21-address.

**0x1260a7dc GDS\_S\_NDS\_XTI\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_CMX

**Text:** No XTI-interface support available

**Explanation:** The program has detected NSAP-addresses associated to an unsupported XTI transport provider.

**Action:** Remove the specification of the XTI-interface from your NDS-configuration source file because there is no support available on your system.

**0x1260a819 GDS\_S\_NDS\_YACC\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_CMX

**Text:** Parser: %s %s

**Explanation:** The program has detected a syntactically error in the NDS- configuration source file.

**Action:** Provide a correct configuration file.

**0x1260a89b GDS\_S\_NO\_DATAVERSION**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Data version number not found for directory ID %d.\n

**Explanation:** The Directory Service Agent for the specified Directory ID could not find the data version number in the **dversion** file.

**Action:** Check the **dversion** file. If corrupted, restore it.

**0x1260a0c8 GDS\_S\_NOMEMORY**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Allocation of %d byte failed.

**Explanation:** The program could not get the specified amount of memory from the system. The severity level may vary depending on the context of the error.

**Action:** You could try stopping other functions, perhaps applications. If this doesn't work, you will need to acquire more memory.

**0x1260a585 GDS\_S\_NOTPBUF\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid data description length parameter in TP-routine call (data description length = %d)

**Explanation:** Stub process has detected an invalid data description length parameter in a TP-routine call.

**Action:** Evaluate the invalid data description length. Report the problem to the responsible software engineer.



**0x1260a581 GDS\_S\_NOTRSYNTAX\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Can't determine transfer syntax associated to abstract syntax %d

**Explanation:** Stub process could not successfully determine a transfer syntax associated with the requested abstract syntax.

**Action:** Report the problem to the responsible software engineer.

**0x1260a192 GDS\_S\_NUM\_ASN1\_ATTR\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Number of entries missing in asn1\_attr file.

**Explanation:** The program could not read the number of entries from the **asn1\_attr** file.

**Action:** If the Error occurred in the C-Stub, insert the number of entries into the first line of the **asn1\_attr** file. If the error occurred in the Directory Service Agent, restore the database.

**0x1260a194 GDS\_S\_OBID\_ASN1\_ATTR\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** %s in asn1\_attr file cannot be converted.

**Explanation:** The program could not convert the specified object identifier from **asn1\_attr** file.

**Action:** If the Error occurred in the C-Stub, change the object identifier in the **asn1\_attr** file. If the error occurred in the Directory Service Agent, restore the database.

**0x1260aa95 GDS\_S\_OCT\_AT\_INVALID**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Unknown mandatory or optional acronym %s.\n

**Explanation:** The Object Class Table (OCT) of the administrated schema is in an illegal state. It contains an entry having an acronym for the mandatory or optional attribute, which was not found in the attribute table (AT).

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260aa94 GDS\_S\_OCT\_NAUX\_OC\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** Unknown or invalid auxiliary acronym %s.\n

**Explanation:** The Object Class Table (OCT) of the administrated schema is in an illegal state. It contains an entry having an acronym for the auxiliary object classes, which is unknown or invalid.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260aa93 GDS\_S\_OCT\_SUP\_MISSING**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** Unknown superclass acronym %s.\n

**Explanation:** The Object Class Table (OCT) of the administrated schema is in an illegal state. It contains an entry having an acronym for the superclass, which is unknown.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260a89e GDS\_S\_OPAT\_MISSING**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** Operational attribute or object class missing.\n

**Explanation:** The schema has been changed illegally. As a result an operational attribute or object class is missing.

**Action:** Restore the database

**0x1260a0d0 GDS\_S\_OPEN\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** File %s could not be opened in mode \"%o\", errno = %d.

**Explanation:** The program could not open the specified file in the specified mode. The severity level may vary depending on the context of the error.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a8ce GDS\_S\_POOL\_OPEN\_OVFLW**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** Pool of open C-ISAM files is too small.

**Explanation:** An attempt was made by the DSA, to open more than 5 C-ISAM files simultaneously.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Report the problem to the responsible software engineer.

**0x1260a0d1 GDS\_S\_READ\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** File could not be read, errno = %d.

**Explanation:** The program could not read a file. This could indicate a data inconsistency. The severity level may vary depending on the context of the error.

**Action:** Evaluate **errno** for the reason. To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a587 GDS\_S\_REG\_ERR**

**Severity:** Fatal          **Component:** gds/GDS\_S\_GENERAL

**Text:** Can't register Stub at IPC-level

**Explanation:** Stub process was not able to register at IPC.

**Action:** In most cases the reason may be an (temporary) IPC-resource bottleneck.

**0x1260a580 GDS\_S\_ROSFUFAILED\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A ROS-function failed (code = %d, class = %d, value = %d)

**Explanation:** Stub process could not successfully execute a remote operation service (ROS) function

**Action:** Evaluate error values (code, class, value). Report the problem to the responsible software engineer.

**0x1260a0ea GDS\_S\_ROUTING\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to `dce_svc_routing` has failed, error status = %lx, routing specification = %s.

**Explanation:** The program could not set the serviceability routing according to the specification. The function has set the specified status.

**Action:** Look up the error status in `dcesvcmsg.h`. If it indicates a shortage of memory, you could try stopping other functions, perhaps applications. If this doesn't work, you will need to acquire more memory. If error status indicates a bad routing specification string, use a correct specification for the routing. A correct specification for routing must have the form *severity:how:where[:private]*. The *severity* must be one of the following:

- **FATAL**
- **ERROR**
- **WARNING**
- **NOTICE**
- **NOTICE\_VERBOSE**

The *how* field must be one of the following:

- **BINFILE**

- **TEXTFILE**
- **FILE**
- **DISCARD**
- **STDOUT**
- **STDERR**

The *where* field is a filename, that may contain a **%ld** string, that is replaced by the process ID of the currently running process. The *private* field is optional. It is of the form *[dir\_id,]gds\_components.. dir\_id* is optional and specifies the directory ID for which the routing specification string is designated. *gds\_components* is a comma separated list of components of the Global directory service. It must be one of the following:

- **monitor**
- **cache**
- **cstub**
- **sstub**
- **dsa**

**0x1260a0ec GDS\_S\_ROUTINGS\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to *dce\_svc\_routings* has failed, error status = %lx.

**Explanation:** The program could not determine the actual setting of the serviceability routing specification. The function has set the specified status.

**Action:** Look up the error status in *dcesvcmsg.h*. Currently there are no error states defined.

**0x1260a57d GDS\_S\_ROVERFLOW\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** An ROS-association table overflow was detected (max. no. of entries = %d)

**Explanation:** Stub process could not find an empty ROS-association table entry

**Action:** If required, the no. of ROS-association table entries can be increased by starting the Stub process with the -R switch.

**0x1260a44f GDS\_S\_RPC\_BINDINFO**

**Severity:** Notice      **Component:** gds/GDS\_S\_IPC

**Text:** RPC-server binding info: %s

**Explanation:** If no global name is provided for the RPC-server then the binding information is logged allowing any RPC-client to contact this server.

**Action:** No action !

**0x1260a457 GDS\_S\_RPC\_DISTCMD\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** Distributed command failed (cmd = %d, destination = %d, reason = %d)

**Explanation:** A distributed command executed by the RPC-server failed.

**Action:** Evaluate the reason value. Report the problem to the responsible software engineer.

**0x1260a454 GDS\_S\_RPC\_GDSINFO\_DIR\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** Invalid or missing directory-ID in GDS-component specification ( dirid = %d, %d <= dirid <= %d)

**Explanation:** The RPC-server has detected an invalid resp. missing directory-identifier in the GDS-component specification.

**Action:** Provide a correct GDS-component information

**0x1260a453 GDS\_S\_RPC\_GDSINFO\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** Invalid or missing GDS-component specification (spec = %s)

**Explanation:** The RPC-server has detected an invalid resp. no GDS-component information within a serviceability routing parameter.

**Action:** Provide a correct GDS-component information

**0x1260a450 GDS\_S\_RPC\_RUNTIME\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** The RPC-server could not be established because of a RPC- runtime failure (status = %#x)

**Explanation:** RPC-problem during activation of the RPC-server for serviceability detected.

**Action:** Evaluate status and line number information. Report the problem to the responsible software engineer.

**0x1260a456 GDS\_S\_RPC\_SVC\_FAILED**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** serviceability function call failed (status = %#x)

**Explanation:** A call to a serviceability function failed.

**Action:** Evaluate the status information. Report the problem to the responsible software engineer.

**0x1260a455 GDS\_S\_RPC\_SVCINFO**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** Invalid size of serviceability information (size = %d,\n %d < size < %d)

**Explanation:** The RPC-server has detected an invalid size of serviceability routing information.

**Action:** Provide a correct serviceability routing information

**0x1260a451 GDS\_S\_RPC\_THREADS\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** The RPC-server could not be established because of a threads failure (errno = %d)

**Explanation:** Threads problem during activation of the RPC-server for serviceability detected.

**Action:** Evaluate errno and line number information. Report the problem to the responsible software engineer.

**0x1260a452 GDS\_S\_RPC\_UNSUPPORTED**

**Severity:** Warning      **Component:** gds/GDS\_S\_IPC

**Text:** The RPC-server has received an unsupported remote procedure call

**Explanation:** The RPC-server for serviceability has detected an unsupported RPC.

**Action:** No action!

**0x1260aa99 GDS\_S\_SCH\_INCONSISTENT**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** An inconsistent schema object was detected.\n

**Explanation:** A record number was detected in one of the attribute files of the schema object, that does not correspond to the record number of the schema object record.

**Action:** This problem should not occur. To determine the reason report the problem to the responsible software engineer. Restore the database to regain a consistent state.

**0x1260aa98 GDS\_S\_SCH\_INSUFFICIENT**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** An insufficient schema object record was detected.\n

**Explanation:** The schema object record does not contain all the required information. One of the following is missing:

- The time stamp
- The number of SRT entries
- The number of OCT entries
- The number of AT entries.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.



**0x1260a0d3 GDS\_S\_SEEK\_ERR**

**Severity:** Unknown    **Component:** gds/GDS\_S\_GENERAL

**Text:** Seek operation on file failed, errno = %d.

**Explanation:** The program could not seek on a file.

**Action:** Evaluate **errno** for the reason. To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x1260a589 GDS\_S\_SELECT\_ERR**

**Severity:** Unknown    **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to select has failed, errno = %d

**Explanation:** The program could not successfully call 'select'

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0de GDS\_S\_SEMCTL\_ERR**

**Severity:** Fatal        **Component:** gds/GDS\_S\_GENERAL

**Text:** A semctl system call has failed (command = %d, errno = %d).

**Explanation:** The program could not perform a semctl operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0dd GDS\_S\_SEMGET\_ERR**

**Severity:** Fatal        **Component:** gds/GDS\_S\_GENERAL

**Text:** A semget system call has failed (key = %d , access mode = %o, errno = %d).

**Explanation:** The program could not perform a semget operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0d8 GDS\_S\_SEMOP\_ERR**

**Severity:** Fatal        **Component:** gds/GDS\_S\_GENERAL

**Text:** Semaphore operation failed (operation = %d, errno = %d).

**Explanation:** The program could not perform a semaphore operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0db GDS\_S\_SHMAT\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A shmat system call has failed (errno = %d).

**Explanation:** The program could not perform a shmat operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0dc GDS\_S\_SHMCTL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A shmctl system call has failed (command = %d, errno = %d).

**Explanation:** The program could not perform a shmctl operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0da GDS\_S\_SHMGET\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A shmget system call has failed (key = %d , access mode = %o, errno = %d).

**Explanation:** The program could not perform a shmget operation successfully.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0e5 GDS\_S\_SIGHDL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to sigaction/signal has failed, signal = %d, errno = %d

**Explanation:** The program could not establish a signal handler.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a190 GDS\_S\_SIGNAL\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Signal %d terminates process.

**Explanation:** The program has received the specified signal.

**Action:** The signal is either sent to the process by the system (e. g. segmentation violation) or by a user. Report the problem to the responsible software engineer. in the first case. Forbid the user to send signals in the second case. Reactivate the system.

**0x1260aa90 GDS\_S\_SRT\_NNAM\_AT\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid acronym %s for structure rule table.\n

**Explanation:** The Structure Rule Table (SRT) of the administrated schema is in an illegal state. It contains an entry having an acronym for the naming attribute, which is not found in the attribute table (AT).

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260aa92 GDS\_S\_SRT\_NSTR\_OC\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid acronym %s for object class.\n

**Explanation:** The Structure Rule Table (SRT) of the administrated schema is in an illegal state. It contains an entry having an acronym for an object class, which is not a structural object class.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No

action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260aa91 GDS\_S\_SRT\_OC\_INVALID**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** Unknown acronym %s for object class.\n

**Explanation:** The Structure Rule Table (SRT) of the administrated schema is in an illegal state. It contains an entry having an acronym for an object class, which is not found in the object class (OCT).

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260aa8f GDS\_S\_SRT\_SUP\_MISSING**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** Invalid number %d for superior structure rule.\n

**Explanation:** The Structure Rule Table (SRT) of the administrated schema is in an illegal state. It contains an entry having an illegal superior structure rule number. It is illegal, as it is not the rule number of another structure rule.

**Action:** This problem may occur due to a change to the schema object by an application program, that did not use the schema administration of GDS. The error is fatal for **gdsgendb** but not for **gdsdsa**, which continues with the unchanged schema. No action required. The problem may also occur, when a corrupted database is restored. In this case it is fatal for the **gdsdsa**. A consistent database has to be restored in this case.

**0x1260a0ee GDS\_S\_STAT\_ERR**

**Severity:** Warning       **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not get the status of the file %s, errno = %d.

**Explanation:** The program could not get the status of the specified file.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a966 GDS\_S\_SUP\_ATTACH\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not attach to IPC.\n

**Explanation:** The program **gdsdaemon** could not attach to Inter Process Communication (IPC).

**Action:** See the fatal error logging of the GDS component ipc for the reason.

**0x1260a977 GDS\_S\_SUP\_CHANGE\_ERRLOG\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program not could change an entry in an error logfile.\n

**Explanation:** The program **gdsdaemon** could not change an entry in it's internal error logfile **SHDERR**.

**Action:** Report the problem to the responsible software engineer.

**0x1260a978 GDS\_S\_SUP\_DELENTN\_ERRLOG\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not delete an entry from an error logfile.\n

**Explanation:** The program **gdsdaemon** could not delete an entry from it's internal error logfile **SHDERR**.

**Action:** Report the problem to the responsible software engineer.

**0x1260a972 GDS\_S\_SUP\_DNLIST\_REMDSA\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not retrieve the DSA name for the index %d from the database.\n

**Explanation:** The program **gdsdaemon** could not find the name of a Directory Service Agent (DSA) for the specified index in an internal name list of the DSA.

**Action:** Report the problem to the responsible software engineer.

**0x1260a969 GDS\_S\_SUP\_FOPEN\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** File %s could not be opened, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not open the specified file.

**Action:** Evaluate **errno** for the reason. Depending on the reason, possible actions are:

- Change the access mode of the file.
- Create the file.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a96d GDS\_S\_SUP\_HEADER\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not read the header information of the file %s.\n

**Explanation:** The program **gdsdaemon** could not read the header information of the file where the shadowing jobs are stored.

**Action:** Try to create the shadowing job again via the tool **gdsditadm** or report the problem to the responsible software engineer.

**0x1260a964 GDS\_S\_SUP\_ILL\_DIRID**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsdaemon program was started with an illegal directory identifier %d.\n

**Explanation:** The program **gdsdaemon** was started with an illegal directory identifier.

**Action:** Start the program again with a valid directory identifier.

**0x1260a96f GDS\_S\_SUP\_INSUFF\_MEM**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** The program has not allocated enough memory for the update information.\n

**Explanation:** The program **gdsdaemon** has not allocated enough memory for the shadow update information.

**Action:** Report the problem to the responsible software engineer.

**0x1260a96c GDS\_S\_SUP\_LOCDSA\_DNLIST\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not find the DSA name %s in the database.\n

**Explanation:** The program **gdsdaemon** could not find the specified name of the local Directory Service Agent (DSA) in an internal name list of the local DSA.

**Action:** Report the problem to the responsible software engineer.

**0x1260a96b GDS\_S\_SUP\_LOCDSA\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not read the name of the local DSA, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not read the name of the local DSA from the **dsaname** file.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a965 GDS\_S\_SUP\_LOCK\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not lock the file %s, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not lock the specified file.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a96a GDS\_S\_SUP\_NO\_FILE\_INFO**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not get file information about %s, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not get file information with **fstat** about the specified file.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a971 GDS\_S\_SUP\_OPENDIR\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not open the directory %s, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not open the specified directory using the library function **opendir**.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a97a GDS\_S\_SUP\_READ\_COMPL\_LOG\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not read the complete logmessage.\n

**Explanation:** The program **gdsdaemon** could not read the complete logmessage containing the delta update information.

**Action:** Report the problem to the responsible software engineer.

**0x1260a979 GDS\_S\_SUP\_READ\_LOG\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not read a logmessage, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not read the logmessage containing the delta update information.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a96e GDS\_S\_SUP\_REMDSA\_DNLIST\_ERR**

**Severity:** Fatal           **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not find the remote DSA name %s in the database.\n

**Explanation:** The program **gdsdaemon** could not find the specified name of a remote Directory Service Agent (DSA) in an internal name list of the local DSA.

**Action:** Check whether this remote DSA is stored in the local DSA or report the problem to the responsible software engineer.



**0x1260a973 GDS\_S\_SUP\_REM\_UNUSED\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not remove the unused entries from the file %s.\n

**Explanation:** The program **gdsdaemon** could not remove the unused entries from the specified error file.

**Action:** Report the problem to the responsible software engineer.

**0x1260a968 GDS\_S\_SUP\_RESYNC\_DSA\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not resynchronize DSA processes.\n

**Explanation:** The program **gdsdaemon** could not send a distributed command to the Directory Service Agent (DSA) to open a new shadowlogfile.

**Action:** See the fatal error logging of the GDS component ipc for the reason.

**0x1260a974 GDS\_S\_SUP\_SEARCH\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not execute a command to search an entry in the file %s.\n

**Explanation:** The program **gdsdaemon** could not execute a command to search an entry in the specified error file

**Action:** Report the problem to the responsible software engineer.

**0x1260a975 GDS\_S\_SUP\_SEARCH\_STATE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not get the state of a found entry.\n

**Explanation:** The program **gdsdaemon** could read the output of a **popen**-call to evaluate a status variable.

**Action:** Report the problem to the responsible software engineer.

**0x1260a967 GDS\_S\_SUP\_SYNC\_DSA\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not synchronize DSA processes.\n

**Explanation:** The program **gdsdaemon** could not send a distributed command to the Directory Service Agent (DSA) to close the shadowlogfile.

**Action:** See the fatal error logging of the GDS component ipc for the reason.

**0x1260a976 GDS\_S\_SUP\_UPD\_OP\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not perform the update operation.\n

**Explanation:** The program **gdsdaemon** could not perform the update operation.

**Action:** To find out the reason:

- Check the logfiles of the **gdsdaemon**.
- Check the logfiles of the local Directory Service Agent (DSA).
- Check the logfiles of the remote DSA.
- Report the problem to the responsible software engineer.

**0x1260a962 GDS\_S\_SUP\_USAGE**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The **gdsdaemon** program was called with wrong syntax.\n

**Explanation:** The program **gdsdaemon** was started with illegal parameters.

**Action:** Start the program again with the correct syntax: **gdsdaemon -ddir-id -mop-mode [-njob-entry] [-vSVC-logging] [-wSVC]**

**0x1260a970 GDS\_S\_SUP\_WR\_HEADER\_INFO**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not write the header information to file %s, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not write header information to a temporary file.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a97b GDS\_S\_SUP\_WRITE\_LOG\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not write the logmessage, errno = %d.\n

**Explanation:** The program **gdsdaemon** could not write the logmessage into the shadowlogfile.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a963 GDS\_S\_SUP\_WRONG\_OPMODE**

**Severity:** Fatal      **Component:** gds/GDS\_S\_GENERAL

**Text:** The gdsdaemon program was started with an illegal operation mode %d.\n

**Explanation:** The program **gdsdaemon** was started with an illegal operation mode. Only mode 1 or 2 are supported.

**Action:** Start the program again with a valid operation mode. **.VL 5m .LI mode 1** do distribution of **\SHDLOG** file only **.LI mode 2** do distribution of **\SHDLOG** file and all required delta update operations **.LE**

**0x1260a0e6 GDS\_S\_SYSTEM\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to system has failed, errno = %d.

**Explanation:** The program could not call 'system'.

**Action:** Evaluate **errno** for the reason. Depending on the reason, possible actions are:

- Deactivate the Directory System.
- Change the access mode of the program to be executed.
- Restore the program to be executed.
- Activate the Directory System.
- Report the problem to the responsible software engineer.

**0x1260a0d6 GDS\_S\_UNLINK\_ERR**

**Severity:** Unknown      **Component:** gds/GDS\_S\_GENERAL

**Text:** The program could not unlink the file %s, errno = %d.

**Explanation:** The program could not unlink the specified file.

**Action:** Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0e4 GDS\_S\_WAIT\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** A call to wait has failed, errno = %d.

**Explanation:** The program could not wait for child processes.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **errno** for the reason. Report the problem to the responsible software engineer.

**0x1260a0d2 GDS\_S\_WRITE\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_GENERAL

**Text:** File could not be written, errno = %d.

**Explanation:** The program could not write a file. The severity level may vary depending on the context of the error.

**Action:** Evaluate **errno** for the reason. To determine the reason report the problem to the responsible software engineer. In the case of a data inconsistency, restore the database to regain a consistent state.

**0x12862030 gssdce\_s\_authentication\_error**

**Severity:** Varies      **Component:** gss

**Text:** Error decoding token. The token is corrupt.

**Explanation:** The token is invalid

**Action:** Retry the authentication sequence.

**0x1286201d gssdce\_s\_bad\_name**

**Severity:** Varies      **Component:** gss

**Text:** The supplied principal name is invalid.

**Explanation:** An attempt to access the name failed.

**Action:** Supply a valid name.

**0x12862048 gssdce\_s\_bad\_plaintext\_padding**

**Severity:** Varies      **Component:** gss

**Text:** The token is invalid. It contains invalid padded plaintext.

**Explanation:** The token is invalid. It contains invalid padded plaintext.

**Action:** Application specific.

**0x12862039 gssdce\_s\_bad\_signature**

**Severity:** Varies      **Component:** gss

**Text:** The token signature was incorrect.

**Explanation:** The token's signature was incorrect. Either this was caused by a network error or it indicates the presence of an attacker.

**Action:** Retry the authentication sequence.

**0x1286203a gssdce\_s\_bad\_sig\_seq**

**Severity:** Varies      **Component:** gss

**Text:** The token sequence number field in the token was invalid.

**Explanation:** The GSSAPI could not determine the token's sequence number. The token has been corrupted. Either this was caused by a network error or it indicates the presence of an attacker.

**Action:** Application specific.

**0x1286204a gssdce\_s\_bad\_status\_type**

**Severity:** Varies      **Component:** gss

**Text:** The status type parameter is invalid.

**Explanation:** The status type parameter is invalid.

**Action:** Specify either **GSS\_C\_GSSCODE** or **GSS\_C\_MECHCODE** in the status\_type parameter.

**0x1286204b gssdce\_s\_bad\_status\_value**

**Severity:** Varies      **Component:** gss

**Text:** The status code is invalid.

**Explanation:** The GSSAPI could not translate the error code to a message.

**Action:** Supply a valid status code.

**0x1286201b gssdce\_s\_bad\_usage**

**Severity:** Varies      **Component:** gss

**Text:** The credential usage parameter is invalid.

**Explanation:** You specified an invalid credential type.

**Action:** Specify a credential type of either **GSS\_C\_ACCEPT**, **GSS\_C\_INITIATE** or **GSS\_C\_BOTH**.

**0x1286202f gssdce\_s\_ber\_decoding\_error**

**Severity:** Varies      **Component:** gss

**Text:** Error decoding BER token header. The token is corrupt.

**Explanation:** An error was detected while decoding binary token header. The token is corrupt.

**Action:** Submit a problem report.

**0x12862034 gssdce\_s\_bindings\_length\_error**

**Severity:** Varies      **Component:** gss

**Text:** Error extracting channel bindings from token - Invalid length

**Explanation:** There is a problem with the token's channel bindings. The token is corrupt.

**Action:** Retry the authentication sequence.

**0x12862035 gssdce\_s\_bindings\_value\_error**

**Severity:** Varies      **Component:** gss

**Text:** The channel bindings in the token were incorrect

**Explanation:** The channel bindings in the token were incorrect

**Action:** Retry the authentication sequence.

**0x12862047 gssdce\_s\_couldnt\_decrypt\_token**

**Severity:** Varies      **Component:** gss

**Text:** The token is invalid. The routine failed trying to decrypt data.

**Explanation:** The token is invalid. The routine failed trying to decrypt data.

**Action:** Application specific.

**0x12862027 gssdce\_s\_couldnt\_get\_mech\_cred**

**Severity:** Varies      **Component:** gss

**Text:** A credential cache entry could not be established.

**Explanation:** An internal error occurred while trying to open a credential cache.

**Action:** Retry the operation.

**0x12862022 gssdce\_s\_couldnt\_translate\_name**

**Severity:** Varies      **Component:** gss

**Text:** The registry could not translate the specified name.

**Explanation:** The name or Universal Unique Identifier (UUID) was not found in the registry.

**Action:** Supply a valid name.

**0x12862020 gssdce\_s\_couldnt\_validate\_context**

**Severity:** Varies      **Component:** gss

**Text:** The login context could not be validated from a keytable.

**Explanation:** No valid key for the specified server was found in the keytable.

**Action:** Check that the server's principal name has been registered and the key table specified, or check that the routine is checking the correct key table for the principal name.

**0x12862019 gssdce\_s\_credential\_corrupt**

**Severity:** Varies      **Component:** gss

**Text:** Internal error. The credential is corrupt.

**Explanation:** Credential consistency checks failed, indicating that the credential is corrupt.

**Action:** Examine the application for code that can corrupt memory.

**0x12862050 gssdce\_s\_delegation\_error**

**Severity:** Varies      **Component:** gss

**Text:** An error occurred while delegating access rights

**Explanation:** An attempt to delegate access rights failed

**Action:** Check that appropriate credentials were presented

**0x12862049 gssdce\_s\_incorrect\_server\_principal**

**Severity:** Varies      **Component:** gss

**Text:** The token server principal name does not match the credential principal name.

**Explanation:** The token server principal name does not match the credential principal name. No security context was established.

**Action:** Use either a credential for the correct principal, or the default credential.

**0x1286202a gssdce\_s\_invalid\_context\_state**

**Severity:** Varies      **Component:** gss

**Text:** The context is not available for the attempted operation

**Explanation:** An open context cannot be reused until it is deleted. A context must be open before per-message services are available

**Action:** Release the context before attempting to reuse it or open it before attempting to use per-message services.

**0x12862016 gssdce\_s\_invalid\_handle**

**Severity:** Varies      **Component:** gss

**Text:** The handle did not refer to a valid object.

**Explanation:** A security-context or credential could not be located from the given handle.

**Action:** Supply a valid handle.



**0x128621ec gssdce\_s\_invalid\_ownership**

**Severity:** Varies      **Component:** gss

**Text:** The supplied ownership must either be APPLICATION or GSSAPI.

**Explanation:** Neither **GSSDCE\_C\_OWNERSHIP\_APPLICATION** nor **GSSDCE\_C\_OWNERSHIP\_GSSAPI** was given for the ownership parameter.

**Action:** Supply a valid parameter value.

**0x1286203e gssdce\_s\_message\_already\_seen**

**Severity:** Varies      **Component:** gss

**Text:** The token was valid, but is a duplicate of one that has already been received

**Explanation:** The token was a duplicate of an earlier token. Either this was caused by a network error or indicates the presence of an attacker.

**Action:** Application specific.

**0x1286203f gssdce\_s\_message\_late**

**Severity:** Varies      **Component:** gss

**Text:** The token was valid, but a later token has already been received.

**Explanation:** The token was valid, but a later token has already been received.

**Action:** Application specific.

**0x1286203d gssdce\_s\_message\_omitted**

**Severity:** Varies      **Component:** gss

**Text:** The token was valid, but an earlier token has not yet been received

**Explanation:** The token is valid, but an earlier token has not yet been received.

**Action:** Application specific.

**0x12862040 gssdce\_s\_message\_out\_of\_order**

**Severity:** Varies      **Component:** gss

**Text:** The token was valid, but is severely out of sequence.

**Explanation:** The token was valid, but is severely out of sequence.

**Action:** Application specific.

**0x1286201c gssdce\_s\_name\_required**

**Severity:** Varies      **Component:** gss

**Text:** A principal name must be given.

**Explanation:** **GSS\_C\_NO\_NAME** was specified when a name is required.

**Action:** Specify a valid principal name.

**0x1286204c gssdce\_s\_need\_acceptor\_context**

**Severity:** Varies      **Component:** gss

**Text:** The operation requires an acceptor context.

**Explanation:** An initiator context was supplied, but the operation requires an acceptor context.

**Action:** Supply a valid acceptor context.

**0x12862036 gssdce\_s\_no\_buffer**

**Severity:** Varies      **Component:** gss

**Text:** A required **gss\_buffer\_t** parameter was not supplied.

**Explanation:** A required **gss\_buffer\_t** parameter was not supplied.

**Action:** Supply a **gss\_buffer\_t**.

**0x1286204e gssdce\_s\_no\_conf**

**Severity:** Varies      **Component:** gss

**Text:** The context does not support confidentiality protection

**Explanation:** A request was made encrypt data, but privacy service is not available.

**Action:** Request only integrity protection.

**0x12862017 gssdce\_s\_no\_login\_context**

**Severity:** Varies      **Component:** gss

**Text:** The caller has no default login context.

**Explanation:** An attempt was made to use a default login context when none had been established.

**Action:** Establish a login context before calling this routine.

**0x1286204d gssdce\_s\_no\_pac\_available**

**Severity:** Varies      **Component:** gss

**Text:** The context did not contain a PAC.

**Explanation:** A request was made to extract a Privilege Attribute Certificate (PAC) from a login context that did not contain one.

**Action:** Use a login context that contains a PAC.

**0x12862021 gssdce\_s\_no\_rgy\_available**

**Severity:** Varies      **Component:** gss

**Text:** The DCE registry could not be contacted.

**Explanation:** An attempt to translate between a Universal Unique Identifier (UUID) and a name failed.

**Action:** Check that the registry system is running.

**0x1286204f gssdce\_s\_no\_such\_key**

**Severity:** Varies      **Component:** gss

**Text:** Internal error - A key usage other than PRIVACY or INTEGRITY was specified

**Explanation:** Internal error.

**Action:** Submit a problem report

**0x12862024 gssdce\_s\_out\_of\_memory**

**Severity:** Varies      **Component:** gss

**Text:** Insufficient virtual memory for allocation attempt.

**Explanation:** An attempt to allocate dynamic memory failed due to one of the following conditions: .ML .LI A GSSAPI error occurred. .LI An application error occurred. .LI There is a system configuration problem. .LE

**Action:** Check your GSSAPI routine, application code, or system configuration.

**0x12862025 gssdce\_s\_param\_required**

**Severity:** Varies      **Component:** gss

**Text:** A required parameter was missing.

**Explanation:** An attempt to access a required parameter failed.

**Action:** Supply valid parameters in all required positions.

**0x1286203c gssdce\_s\_reflected\_packet**

**Severity:** Varies      **Component:** gss

**Text:** The token was not created by the remote peer.

**Explanation:** The token was not created by the remote peer. It was created locally. Either this was caused by a network error or it indicates the presence of an attacker.

**Action:** Application specific.

**0x12862043 gssdce\_s\_seal\_algorithm\_not\_allowed**

**Severity:** Varies      **Component:** gss

**Text:** The token is invalid. It specifies an encryption algorithm but claims not to provide privacy protection.

**Explanation:** The token is invalid. This could be caused by any of the following: .ML .LI Network error .LI The presence of an attacker .LI An internal GSSAPI error .LE

**Action:** Retry the operation. If the error occurs, submit a problem report.

**0x12862045 gssdce\_s\_short\_token**

**Severity:** Varies      **Component:** gss

**Text:** The token is invalid - It is too short

**Explanation:** The token is invalid. It is too short.

**Action:** Application specific.

**0x12862046 gssdce\_s\_unexpected\_token\_type**

**Severity:** Varies      **Component:** gss

**Text:** The token is not the right type for the attempted use.

**Explanation:** You are using the wrong decoding operation for this type of token.

**Action:** Try one of the following: .ML .LI If the token was created using the `gss_sign` routine, use the `gss_verify` routine to read it. .LI If the token was created using the `gss_seal` routine, use the `gss_unseal` routine to read it. .LE

**0x1286201a gssdce\_s\_unimplemented\_feature**

**Severity:** Varies      **Component:** gss

**Text:** The requested feature is not implemented.

**Explanation:** The requested feature has not been implemented.

**Action:** None required.

**0x1286201e gssdce\_s\_unknown\_principal\_name**

**Severity:** Varies      **Component:** gss

**Text:** The supplied principal name has not been registered.

**Explanation:** The principal name was not found in the registry.

**Action:** Register the principal name or supply another, registered name.

**0x12862042 gssdce\_s\_unrecognized\_token\_type**

**Severity:** Varies      **Component:** gss

**Text:** The token is invalid. It is of an unrecognized type.

**Explanation:** The token is invalid. This could be caused by any of the following: .ML .LI Network error .LI The presence of an attacker .LI An internal GSSAPI error .LE

**Action:** Retry the operation. If the error recurs, submit a problem report.

**0x12862044 gssdce\_s\_unsupported\_encryption\_algorithm**

**Severity:** Varies      **Component:** gss

**Text:** The token is invalid. It specifies an unsupported encryption algorithm.

**Explanation:** The token is invalid.

**Action:** Application specific.

**0x12862026 gssdce\_s\_unsupported\_mechanism**

**Severity:** Varies      **Component:** gss

**Text:** The specified security mechanism is not supported.

**Explanation:** The specified security mechanism is not supported.

**Action:** Specify a supported mechanism.

**0x12862032 gssdce\_s\_unsupported\_name\_type**

**Severity:** Varies      **Component:** gss

**Text:** The specified name type is not recognized.

**Explanation:** An invalid or unsupported name-type was specified.

**Action:** Specify a supported name-type, or use the default name-type

**0x12862041 gssdce\_s\_unsupported\_signature\_algorithm**

**Severity:** Varies      **Component:** gss

**Text:** The token is invalid. It specifies an unsupported integrity algorithm

**Explanation:** The token is invalid. It specifies an unsupported integrity algorithm

**Action:** Application specific.

**0x12862134 gss\_s\_ac\_bad\_cred**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't resolve credential in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x12862131 gss\_s\_ac\_bad\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't resolve context in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x12862132 gss\_s\_ac\_bad\_ctx\_state**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Context state is invalid in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x12862137 gss\_s\_ac\_bad\_token\_wrapper**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Token wrapper was invalid in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x1286213b gss\_s\_ac\_bad\_tok\_type**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Bad token type (%2.2x %2.2x) in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x128620e1 gss\_s\_ac\_bad\_usage**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Acquire\_cred - Bad usage parameter

**Explanation:** Invalid value for usage parameter

**Action:**

**0x1286214a gss\_s\_ac\_bindings\_mismatch**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Channel-bindings mismatch

**Explanation:**

**Action:**

**0x12862143 gss\_s\_ac\_cei\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Cred\_expand\_id failed in gss\_accept\_sec\_ctx (%x)

**Explanation:**

**Action:**

**0x12862157 gss\_s\_ac\_cli\_name\_noconv**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't convert client name (%x)

**Explanation:**

**Action:**

**0x128620e4 gss\_s\_ac\_cred\_nomem1**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Acquire\_cred - Out of memory creating cred (pt1)

**Explanation:** Out of heap memory

**Action:**

**0x128620e5 gss\_s\_ac\_cred\_nomem2**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Acquire\_cred - Out of memory creating cred (pt2)

**Explanation:** Out of heap memory

**Action:**

**0x12862135 gss\_s\_ac\_ctx\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't create context in gss\_accept\_sec\_ctx



**Explanation:**

**Action:**

**0x12862149 gss\_s\_ac\_hash\_bad\_length**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Bindings length wrong (should be %d, was %d)

**Explanation:**

**Action:**

**0x128620e3 gss\_s\_ac\_ini\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Acquire\_cred - Inquire\_net\_info failed (%x)

**Explanation:** The error code shown was returned by inquire\_net\_info

**Action:**

**0x12862161 gss\_s\_ac\_inv\_deleg**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Delegation inconsistency

**Explanation:**

**Action:**

**0x1286213a gss\_s\_ac\_inv\_mech**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Invalid mechanism in token in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x128621da gss\_s\_ac\_lcc\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** login\_context\_to\_cred failed (%x) in gss\_accept\_sec\_context

**Explanation:**

**Action:**

**0x128620e0 gss\_s\_ac\_named\_init**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Attempt to acquire INIT cred by name

**Explanation:** This is unsupported

**Action:**

**0x12862144 gss\_s\_ac\_names\_differ**

**Severity:** Warning      **Component:** gss/gss\_s\_auth

**Text:** Ticketed server name differs from explicit credential

**Explanation:**

**Action:**

**0x1286215e gss\_s\_ac\_no\_deleg1**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't become delegate (%x)

**Explanation:**

**Action:**

**0x12862160 gss\_s\_ac\_no\_deleg2**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't become impersonator (%x)

**Explanation:**

**Action:**

**0x1286215d gss\_s\_ac\_no\_lc**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't get login=context for delegation (%x)

**Explanation:**

**Action:**

**0x12862136 gss\_s\_ac\_nomem1**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** No memory for mech-OID copy in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x12862146 gss\_s\_ac\_nomem2**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** No memory to copy client name

**Explanation:**

**Action:**

**0x128620e2 gss\_s\_ac\_noname\_default**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Couldn't find name in default context (%x)

**Explanation:** The default context has no name

**Action:**

**0x1286214c gss\_s\_ac\_no\_pac\_name**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't get name from PAC (%x)

**Explanation:**

**Action:**

**0x12862130** gss\_s\_ac\_null\_ctx

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Error - NULL context handle in gss\_accept\_sec\_ctx

**Explanation:**

**Action:**

**0x128620e7** gss\_s\_ac\_reg\_failed

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Acquire\_cred - Server\_register\_auth\_info failed (%x)

**Explanation:** Couldn't register a principal

**Action:**

**0x12862153** gss\_s\_ac\_skbr\_failed

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** sec\_krb\_gss\_build\_rep\_message failed (%x)

**Explanation:**

**Action:**

**0x1286213e** gss\_s\_ac\_skdm\_failed

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** sec\_krb\_gss\_decode\_message failed (%x)

**Explanation:**

**Action:**

**0x1286215f** gss\_s\_ac\_trace\_no\_lc

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Traced delegation requires explicit acceptor credential

**Explanation:**

**Action:**

**0x1286214e gss\_s\_ac\_unk\_authz**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Unrecognized authz\_proto value

**Explanation:**

**Action:**

**0x1286215c gss\_s\_ac\_unk\_deleg\_type**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't determine allowed delegation type (%x)

**Explanation:**

**Action:**

**0x12862162 gss\_s\_ac\_unk\_deleg\_type1**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Unknown delegation type in context: %d

**Explanation:**

**Action:**

**0x12862074 gss\_s\_alloc\_cred\_allocated**

**Severity:** Notice      **Component:** gss/gss\_s\_general

**Text:** Allocated new cred-id: %ld

**Explanation:**

**Action:**

**0x12862072 gss\_s\_alloc\_cred\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general  
**Text:** Alloc\_cred - out of memory  
**Explanation:** No heap memory left to allocate a credential  
**Action:**

**0x12862073 gss\_s\_alloc\_cred\_nonew**

**Severity:** Error      **Component:** gss/gss\_s\_general  
**Text:** Alloc\_cred - Couldn't invent cred-id  
**Explanation:** GSSAPI couldn't create a new credential ID  
**Action:**

**0x12862078 gss\_s\_alloc\_ctx\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general  
**Text:** Alloc\_ctx - out of memory  
**Explanation:** No heap memory left to allocate a context  
**Action:**

**0x1286216c gss\_s\_bp\_inv\_seal\_alg**

**Severity:** Error      **Component:** gss/gss\_s\_protect  
**Text:** Invalid seal algorithm  
**Explanation:**  
**Action:**

**0x12862165 gss\_s\_bp\_inv\_state**

**Severity:** Error      **Component:** gss/gss\_s\_protect  
**Text:** Invalid context state in gss\_build\_prot\_message  
**Explanation:**  
**Action:**

**0x12862167 gss\_s\_bp\_inv\_tok\_type**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid token-type in gss\_build\_prot\_message

**Explanation:**

**Action:**

**0x1286216d gss\_s\_bp\_nomem1**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Out of memory in gss\_build\_prot\_message

**Explanation:**

**Action:**

**0x12862168 gss\_s\_bp\_noseal**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Seal algorithm not allowed for SIGN/DELETE token

**Explanation:**

**Action:**

**0x12862169 gss\_s\_bp\_unk\_enc\_alg**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Unknown encryption algorithm in gss\_build\_prot\_message

**Explanation:**

**Action:**

**0x12862166 gss\_s\_bp\_unk\_sig\_alg**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Unknown signature algorithm in gss\_build\_prot\_message

**Explanation:**

**Action:**

**0x12862060 gss\_s\_cant\_create\_cred\_mutex**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI cred-list mutex (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex for GSSAPI's credential-list

**Action:**

**0x1286205e gss\_s\_cant\_create\_cred\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI cred-list mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex attribute block for GSSAPI's credential-list

**Action:**

**0x12862064 gss\_s\_cant\_create\_ctx\_mutex**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI ctx-list mutex (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex for GSSAPI's context-list

**Action:**

**0x12862062 gss\_s\_cant\_create\_ctx\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI ctx-list mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex attribute block for GSSAPI's context-list

**Action:**



**0x1286206a gss\_s\_cant\_create\_elem\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI element mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex attribute block for GSSAPI's list-elements

**Action:**

**0x1286205c gss\_s\_cant\_create\_gss\_mutex**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI mutex (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex for GSSAPI

**Action:**

**0x1286205a gss\_s\_cant\_create\_gss\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex attribute block for GSSAPI

**Action:**

**0x12862068 gss\_s\_cant\_create\_rgy\_mutex**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI registry mutex (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex for GSSAPI's registry interactions

**Action:**

**0x12862066 gss\_s\_cant\_create\_rgy\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't create GSSAPI registry mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to create a mutex attribute block for GSSAPI's registry interactions

**Action:**

**0x12862061 gss\_s\_cant\_delete\_cred\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't delete GSSAPI cred-list mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to delete a mutex attribute block for GSSAPI's credential-list

**Action:**

**0x12862065 gss\_s\_cant\_delete\_ctx\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't delete GSSAPI ctx-list mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to delete a mutex attribute block for GSSAPI's context-list

**Action:**

**0x1286205d gss\_s\_cant\_delete\_gss\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't delete GSSAPI mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to delete a mutex attribute block for GSSAPI

**Action:**

**0x12862069 gss\_s\_cant\_delete\_rgy\_mutex\_attr**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't delete GSSAPI registry mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to delete a mutex attribute block for GSSAPI's registry interactions

**Action:**

**0x12862059 gss\_s\_cant\_reg\_table**

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** Couldn't register default GSSAPI message table (%x)

**Explanation:** The error code shown was returned from an attempt to install the GSSAPI message table

**Action:**

**0x1286205f gss\_s\_cant\_set\_cred\_attributes**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't set GSSAPI cred-list mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to initialize the mutex attribute block for GSSAPI's credential-list

**Action:**

**0x12862063 gss\_s\_cant\_set\_ctx\_attributes**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't set GSSAPI ctx-list mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to initialize the mutex attribute block for GSSAPI's context-list

**Action:**

**0x1286206b gss\_s\_cant\_set\_elem\_attributes**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't set GSSAPI element mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to initialize the mutex attribute block for GSSAPI's list-elements

**Action:**

**0x1286205b gss\_s\_cant\_set\_gss\_attributes**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't set GSSAPI mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to initialize the mutex attribute block for GSSAPI

**Action:**

**0x12862067 gss\_s\_cant\_set\_rgy\_attributes**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Couldn't set GSSAPI registry mutex attributes (%x)

**Explanation:** The error code shown was returned from an attempt to initialize the mutex attribute block for GSSAPI's registry interactions

**Action:**

**0x128620ab gss\_s\_cei\_frc\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Couldn't fixup registry context in cred\_expand\_id (%x)

**Explanation:** A registry context could not be established

**Action:**

**0x128620b1 gss\_s\_cei\_gn\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Cred\_expand\_id - Gen\_name failed (%x)

**Explanation:** The registry couldn't determine the name

**Action:**

**0x128620af gss\_s\_cei\_parse\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Cred\_expand\_id - Parse\_name failed (%x)

**Explanation:** The registry couldn't parse the given name

**Action:**

**0x128620ad gss\_s\_cei\_referral**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Error - Cred\_expand\_id received foreign\_cell\_referral

**Explanation:** This error should not occur; Internal DCE security error

**Action:**

**0x128620ae gss\_s\_cei\_server\_unavailable**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** cred\_expand\_id - Registry server unavailable

**Explanation:** No registry server could be contacted

**Action:**

**0x12862076 gss\_s\_citg\_nolock\_cred**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Cred\_info\_to\_gss - Couldn't lock cred-list

**Explanation:** An internal error was detected while attempting to lock the credential-list

**Action:**

**0x1286207d gss\_s\_citg\_nolock\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Ctx\_info\_to\_gss - Couldn't lock ctx-list

**Explanation:** An internal error was detected while attempting to lock the context-list

**Action:**

**0x12862075 gss\_s\_create\_cred\_nolock**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Create\_cred - Couldn't lock cred-list

**Explanation:** An internal error was detected while attempting to lock the credential-list

**Action:**

**0x12862079 gss\_s\_create\_ctx\_nolock**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Create\_ctx - Couldn't lock ctx-list

**Explanation:** An internal error was detected while attempting to lock the context-list

**Action:**

**0x128620c4 gss\_s\_ctn\_not\_null**

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** ctx\_ptr->client\_name non-NULL. Freeing it...

**Explanation:** A partially-built context is being re-used. This is unsupported

**Action:**

**0x1286207b gss\_s\_destroy\_ctx\_nolock**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Destroy\_ctx - Couldn't lock ctx-list

**Explanation:** An internal error was detected while attempting to lock the context-list

**Action:**

**0x128621a3 gss\_s\_disp\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Out of memory in gss\_display\_name

**Explanation:**

**Action:**

**0x12862189 gss\_s\_dmh\_refl\_tok**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Detected reflected token in decode\_message\_header

**Explanation:**

**Action:**

**0x12862187 gss\_s\_dmh\_seal\_sd**

**Severity:** Error      **Component:** gss/gss\_s\_protect  
**Text:** SEAL algorithm must be NONE for Sign/Delete tokens  
**Explanation:**  
**Action:**

**0x12862188 gss\_s\_dmh\_seq\_num\_inv**

**Severity:** Error      **Component:** gss/gss\_s\_protect  
**Text:** Sequence number invalid in decode\_message\_header  
**Explanation:**  
**Action:**

**0x12862183 gss\_s\_dmh\_short\_token**

**Severity:** Error      **Component:** gss/gss\_s\_protect  
**Text:** Short token in decode\_message\_header  
**Explanation:**  
**Action:**

**0x12862186 gss\_s\_dmh\_unk\_enc\_alg**

**Severity:** Error      **Component:** gss/gss\_s\_protect  
**Text:** Unrecognized encryption algorithm in decode\_message\_header  
**Explanation:**  
**Action:**

**0x12862185 gss\_s\_dmh\_unk\_sign\_alg**

**Severity:** Error      **Component:** gss/gss\_s\_protect  
**Text:** Unrecognized signature algorithm in decode\_message\_header  
**Explanation:**

**Action:**

**0x12862184 gss\_s\_dmh\_unk\_tok\_type**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Unrecognized token-type in decode\_message\_header

**Explanation:**

**Action:**

**0x12862182 gss\_s\_dmh\_unwrap\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Error unwrapping per-message token (%x)

**Explanation:**

**Action:**

**0x128621d1 gss\_s\_ds\_bad\_mech**

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** Bad mechanism-type in gss\_display\_status

**Explanation:**

**Action:**

**0x1286218e gss\_s\_dsc\_inv\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid context-handle in gss\_delete\_sec\_context

**Explanation:**

**Action:**

**0x128621ae gss\_s\_fmi\_ksched\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** sec\_des\_key\_sched failed (%x)



**Explanation:**

**Action:**

**0x128621b0** gss\_s\_fmi\_md5\_nomem

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't allocate memory for MD5 initializer

**Explanation:**

**Action:**

**0x128620a9** gss\_s\_frc\_bind\_retrying

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** Fixup\_registry\_context - Bind failed (%x), retrying

**Explanation:** An attempt to bind to the registry returned the error code show. The attempt will be re-tried

**Action:**

**0x128620aa** gss\_s\_frc\_retry\_exceeded

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Registry bind retry count exceeded (last error = %x)

**Explanation:** Multiple registry binds have failed. Giving up.

**Action:**

**0x1286206e** gss\_s\_free\_cred\_handle\_fail

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** Free\_creds - sec\_\_cred\_free\_cred\_handle failed (%x)

**Explanation:** The error code shown was returned from sec\_\_cred\_free\_cred\_handle

**Action:**

**0x1286209f** gss\_s\_gac\_cred\_inv

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Neither name nor login-context found in credential

**Explanation:** Internal error - the credential is corrupt

**Action:**

**0x12862090 gss\_s\_gac\_err\_ctx\_exp**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Error obtaining login-context expiration (%x)

**Explanation:** The error code shown was received when determining the expiration period of a login-context

**Action:**

**0x12862094 gss\_s\_gac\_err\_ctx\_exp1**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Error obtaining auxiliary login-context expiration (%x)

**Explanation:** The error code shown was received when determining the expiration of an auxiliary login-context

**Action:**

**0x1286209d gss\_s\_gac\_sls\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** sec\_login\_setup\_identity failed (%x)

**Explanation:** The error code shown was returned by sec\_login\_setup\_identity

**Action:**

**0x128620a3 gss\_s\_gac\_slv\_failed**

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** sec\_login\_valid\_from\_keytable failed (%x)

**Explanation:** The error code show was returned by sec\_login\_valid\_from\_keytable

**Action:**

**0x128621d7 gss\_s\_gdt\_scgdt\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** sec\_cred\_get\_delegation\_type failed (%x)

**Explanation:**

**Action:**

**0x128620f5 gss\_s\_gdt\_scgi\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** gss\_cred\_get\_delegation\_type: sec\_cred\_get\_initiator failed (%x)

**Explanation:** The error code show was returned by sec\_cred\_get\_initiator

**Action:**

**0x128620f6 gss\_s\_gdt\_scic\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** gss\_cred\_get\_delegation\_type: sec\_cred\_initialize\_cursor failed (%x)

**Explanation:** The error code shown was returned by sec\_cred\_initialize\_cursor

**Action:**

**0x128620f7 gss\_s\_gdt\_slgi\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** gss\_login\_get\_delegation\_type: sec\_login\_get\_initiator failed (%x)

**Explanation:** The error code shown was returned by sec\_login\_get\_initiator

**Action:**

**0x128620f8 gss\_s\_gdt\_slic\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** gss\_login\_get\_delegation\_type: sec\_login\_initialize\_cursor failed (%x)

**Explanation:** The error code shown was returned by sec\_login\_initialize\_cursor

**Action:**

**0x1286211e gss\_s\_ic\_bad\_mutual\_type**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Unexpected token type (%2.2x 2.2x)

**Explanation:**

**Action:**

**0x12862111 gss\_s\_ic\_bad\_name**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't translate name in gss\_init\_sec\_ctx (%x)

**Explanation:** The error code shown was returned from an attempt to translate a name

**Action:**

**0x12862112 gss\_s\_ic\_bad\_name1**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't parse name in gss\_init\_sec\_ctx (%x)

**Explanation:** The error code shown was returned from a parse-name attempt

**Action:**

**0x1286210e gss\_s\_ic\_cant\_delegate**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't enable delegation in gss\_init\_sec\_ctx (%x)

**Explanation:** The error code shown was returned from an attempt to enable impersonation

**Action:**

**0x1286210b gss\_s\_ic\_cant\_disable\_deleg**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't disable delegation (%x)

**Explanation:** The error code shown was returned from an attempt to disable delegation

**Action:**

**0x12862105 gss\_s\_ic\_cred\_nodce**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** DCE mechanism requested in gss\_init\_sec\_ctx, but cred is not DCE-capable

**Explanation:** The credential is not compatible with the DCE mechanism

**Action:**

**0x12862106 gss\_s\_ic\_cred\_nokrb**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** KRB mechanism requested in gss\_init\_sec\_ctx, but cred is not KRB-capable

**Explanation:** The credential is not compatible with the Kerberos mechanism

**Action:**

**0x12862100 gss\_s\_ic\_cred\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't allocate cred in gss\_init\_sec\_ctx

**Explanation:** Couldn't create credential

**Action:**

**0x12862102 gss\_s\_ic\_cred\_not\_init**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Credential is not capable of initiating contexts

**Explanation:** Credential is of wrong type

**Action:**

**0x12862103 gss\_s\_ic\_ctx\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't allocate context in gss\_init\_sec\_ctx

**Explanation:** Couldn't allocate context

**Action:**

**0x12862109 gss\_s\_ic\_deleg\_type\_unk**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't determine delegation type (%x)

**Explanation:** Internal error.

**Action:**

**0x1286212a gss\_s\_ic\_error\_purging**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Error purging login-context (%x)

**Explanation:**

**Action:**

**0x128620fc gss\_s\_ic\_inv\_context**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Error - gss\_init\_sec\_context couldn't resolve context handle

**Explanation:** The context handle is invalid

**Action:**

**0x12862101 gss\_s\_ic\_inv\_cred**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't resolve credential in gss\_init\_sec\_ctx

**Explanation:** Couldn't retrieve credential

**Action:**

**0x12862104 gss\_s\_ic\_inv\_cred\_mech**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Invalid mechanism in credential in gss\_init\_sec\_ctx

**Explanation:** Internal error.

**Action:**

**0x12862107 gss\_s\_ic\_inv\_req\_mech**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Invalid mechanism requested in gss\_init\_sec\_ctx

**Explanation:** Invalid mechanism requested

**Action:**

**0x1286211b gss\_s\_ic\_inv\_wrapper**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Token wrapper was invalid

**Explanation:**

**Action:**

**0x1286211d gss\_s\_ic\_mutual\_bad\_mech**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Incorrect mechanism in mutual response token

**Explanation:**

**Action:**

**0x12862123 gss\_s\_ic\_mutual\_dec\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** sec\_krb\_gss\_decode\_rep\_message failed (%x)

**Explanation:**

**Action:**

**0x128620ff gss\_s\_ic\_no\_def\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Couldn't retrieve default login context (%x)

**Explanation:** Default login-context unavailable

**Action:**

**0x1286210f gss\_s\_ic\_no\_krb\_cred\_cache**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't acquire Kerberos credential cache in gss\_init\_sec\_ctx

**Explanation:** Cache unavailable

**Action:**

**0x12862113 gss\_s\_ic\_no\_server\_ticket**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't get server ticket in gss\_init\_sec\_ctx (%x)

**Explanation:**

**Action:**

**0x1286211a gss\_s\_ic\_no\_token**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** No token supplied

**Explanation:**

**Action:**

**0x128620fa gss\_s\_ic\_null\_context**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Error - gss\_init\_sec\_context was passed a null context-handle

**Explanation:** A context handle must be used with gss\_init\_sec\_context

**Action:**

**0x12862116 gss\_s\_ic\_skbm\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth



**Text:** sec\_krb\_gss\_build\_message failed (%x)

**Explanation:**

**Action:**

**0x128620dd gss\_s\_lcc\_cred\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** No memory to create credential

**Explanation:** Out of heap memory

**Action:**

**0x128620db gss\_s\_lcc\_no\_def\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** No default context in login\_context\_to\_cred

**Explanation:** Use of default context was specified; none exists.

**Action:**

**0x128620dc gss\_s\_lcc\_no\_pac**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Couldn't get client PAC in login\_context\_to\_cred (%x)

**Explanation:** The PAC could not be extracted from the login-context

**Action:**

**0x128620d2 gss\_s\_lcc\_null**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Output cred-handle is NULL in gssdce\_login\_context\_to\_cred

**Explanation:** You must supply somewhere for GSSAPI to place the generated credential handle

**Action:**

**0x12862056 gss\_s\_nomem\_1**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Out of memory in string\_to\_irep

**Explanation:**

**Action:**

**0x128620c5 gss\_s\_oc\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Out of memory in nm\_oid\_copy

**Explanation:** Out of heap memory

**Action:**

**0x128620c7 gss\_s\_osa\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Out of memory in nm\_oid\_set\_add\_elem

**Explanation:** Out of heap memory

**Action:**

**0x128620c6 gss\_s\_osc\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Out of memory in nm\_oid\_set\_create\_empty

**Explanation:** Out of heap memory

**Action:**

**0x1286218d gss\_s\_pct\_inv\_cksum**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Bad checksum in process\_context\_token

**Explanation:**

**Action:**

**0x1286218b gss\_s\_pct\_inv\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid context-handle (%d) passed to gss\_process\_context\_token

**Explanation:**

**Action:**

**0x1286218c gss\_s\_pct\_inv\_ctx\_state**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid context state in process\_context\_token

**Explanation:**

**Action:**

**0x1286218a gss\_s\_pct\_no\_token**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Process\_context\_token called wirth no token

**Explanation:**

**Action:**

**0x128620b5 gss\_s\_ptn\_frc\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Fixup\_registry\_context in pac\_to\_name failed (%x)

**Explanation:** Couldn't obtain a registry context

**Action:**

**0x128620bd gss\_s\_ptn\_gn\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** gen\_name failed in pac\_to\_name (%x)

**Explanation:** The registry couldn't determine the name

**Action:**

**0x128620b3 gss\_s\_ptn\_inv\_cred**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Invalid credential handle in pac\_to\_name

**Explanation:** Internal error - the credential handle is invalid

**Action:**

**0x128620c0 gss\_s\_ptn\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Out of memory in pac\_to\_name

**Explanation:** No more heap memory

**Action:**

**0x128620bf gss\_s\_ptn\_not\_null**

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** ctx\_ptr->client\_name non-NULL. Freeing it...

**Explanation:** A partially built context is being re-used. This is unsupported

**Action:**

**0x128620ba gss\_s\_ptn\_referral**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Received FOREIGN\_CELL\_REFERRAL in pac\_to\_name

**Explanation:** This error shouldn't happen; Internal DCE security error

**Action:**

**0x128620bc gss\_s\_ptn\_retry\_exceeded**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Received RGY\_SERVER\_UNAVAILABLE. Retry count exceeded

**Explanation:** No registry server is available. Giving up.

**Action:**

**0x128620b7 gss\_s\_ptn\_scg\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** sec\_cred\_get\_initiator failed in pac\_to\_name (%x)

**Explanation:** The error code shown was returned by sec\_cred\_get\_initiator

**Action:**

**0x128620b8 gss\_s\_ptn\_scgp\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** sec\_cred\_get\_pa\_data failed in pac\_to\_name (%x)

**Explanation:** The error code shown was returned by sec\_cred\_get\_pa\_data

**Action:**

**0x128620bb gss\_s\_ptn\_server\_unavailable**

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** Received RGY\_SERVER\_UNAVAILABLE in pac\_to\_name. Retrying...

**Explanation:** No registry server available. GSSAPI will re-try the operation

**Action:**

**0x128621a4 gss\_s\_reln\_null\_name**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Attempt to free NULL name in gss\_release\_name

**Explanation:**

**Action:**

**0x1286206f gss\_s\_res\_cred\_lock\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Resolve\_cred - Couldn't lock cred-list

**Explanation:** An internal error was detected when attempting to lock the credential-list

**Action:**

**0x12862071 gss\_s\_res\_cred\_not\_found**

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** Resolve\_cred - Cred %ld not found

**Explanation:** The specified credential handle was not found

**Action:**

**0x12862077 gss\_s\_resolve\_ctx\_nolock**

**Severity:** Error      **Component:** gss/gss\_s\_locks

**Text:** Resolve\_cred - Couldn't lock ctx-list

**Explanation:** An internal error was detected while attempting to lock the context-list

**Action:**

**0x128621c3 gss\_s\_seca\_bad\_cksum\_type**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Unsupported authenticator format

**Explanation:**

**Action:**

**0x128621bc gss\_s\_seca\_cksum\_length\_wrong**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Checksum length wrong

**Explanation:**

**Action:**

**0x128621bb gss\_s\_seca\_cksum\_too\_short**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Checksum too short

**Explanation:**

**Action:**

**0x128621ba gss\_s\_seca\_cksum\_type\_wrong**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Checksum is of wrong type

**Explanation:**

**Action:**

**0x128621c4 gss\_s\_seca\_copy\_kblock\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** krb5\_copy\_keyblock failed (%x)

**Explanation:**

**Action:**

**0x128621bf gss\_s\_seca\_no\_cksum**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** No checksum found in authenticator

**Explanation:**

**Action:**

**0x128621bd gss\_s\_seca\_nomem1**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Can't allocate %d bytes for channel bindings

**Explanation:**

**Action:**

**0x128621b3 gss\_s\_seca\_null\_bindings**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Null channel-bindings in sec\_krb\_gss\_decode\_message

**Explanation:**

**Action:**

**0x128621c5 gss\_s\_seca\_skbmc\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** sec\_krb\_build\_message\_common failed (%x)

**Explanation:**

**Action:**

**0x128621b6 gss\_s\_seca\_skdmc\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** sec\_krb\_decode\_msg\_common failed (%x: %s)

**Explanation:**

**Action:**

**0x128621b1 gss\_s\_seca\_timestamp**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Timestamp mismatch (received: %x.%x, expected: %x.%x)

**Explanation:**

**Action:**

**0x128621be gss\_s\_seca\_zero\_channel\_binding**

**Severity:** Error      **Component:** gss/gss\_s\_auth

**Text:** Zero-length channel bindings

**Explanation:**



**Action:**

**0x1286218f gss\_s\_sign\_bad\_buffer**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** bad buffer (either message or token) in gss\_sign

**Explanation:**

**Action:**

**0x12862192 gss\_s\_sign\_bpm\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** gss\_build\_prot\_message failed (%x)

**Explanation:**

**Action:**

**0x12862190 gss\_s\_sign\_inv\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid context handle in gss\_sign

**Explanation:**

**Action:**

**0x12862191 gss\_s\_sign\_inv\_ctx\_state**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid context state in gss\_sign

**Explanation:**

**Action:**

**0x128621a0 gss\_s\_uns\_decr\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Decryption failed (%x)

**Explanation:**

**Action:**

**0x1286219d gss\_s\_uns\_dmh\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Decode\_message\_header failed in gss\_unseal (%x)

**Explanation:**

**Action:**

**0x128621a1 gss\_s\_uns\_inv\_pad\_byte**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid pad byte (%d)

**Explanation:**

**Action:**

**0x128621a2 gss\_s\_uns\_inv\_pad\_check**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid pad check-bytes

**Explanation:**

**Action:**

**0x1286219e gss\_s\_uns\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Couldn't allocate buffer for message data in gss\_unseal

**Explanation:**

**Action:**

**0x128620ee gss\_s\_unwrap\_inv1**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** Token wrapper invalid (Framing type != SEQ)

**Explanation:** Corrupt token

**Action:**

**0x128620ef gss\_s\_unwrap\_inv2**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** Token wrapper invalid (Length not 1,2 or 3 bytes)

**Explanation:** Corrupt token

**Action:**

**0x128620f0 gss\_s\_unwrap\_inv3**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** Token wrapper invalid (Encoded length > actual length)

**Explanation:** Corrupt token

**Action:**

**0x128620f1 gss\_s\_unwrap\_inv4**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** Token wrapper invalid (Mech-type type not OID)

**Explanation:** Corrupt token

**Action:**

**0x128620f2 gss\_s\_unwrap\_inv5**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** Token wrapper invalid (Invalid mech-type length)

**Explanation:** Corrupt token

**Action:**

**0x128620f3 gss\_s\_unwrap\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** No memory for OID copy in unwrap\_token

**Explanation:** Out of heap memory

**Action:**

**0x12862193 gss\_s\_vfy\_bad\_buffer**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Bad buffer in call to gss\_verify

**Explanation:**

**Action:**

**0x1286219c gss\_s\_vfy\_bad\_sig**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** The token signature was incorrect

**Explanation:**

**Action:**

**0x12862197 gss\_s\_vfy\_bad\_tok\_type**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Bad token type in gss\_verify

**Explanation:**

**Action:**

**0x12862196 gss\_s\_vfy\_dmh\_failed**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Decode\_message\_header failed in gss\_verify (%x)

**Explanation:**

**Action:**

**0x12862194 gss\_s\_vfy\_inv\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid context handle in call to gss\_verify

**Explanation:**

**Action:**

**0x12862195 gss\_s\_vfy\_inv\_ctx\_state**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** Invalid context state in gss\_verify

**Explanation:**

**Action:**

**0x1286219b gss\_s\_vfy\_sign\_unk**

**Severity:** Error      **Component:** gss/gss\_s\_protect

**Text:** The token was signed using an unsupported algorithm

**Explanation:**

**Action:**

**0x12862181 gss\_s\_vrs\_seq\_invalid**

**Severity:** Warning      **Component:** gss/gss\_s\_protect

**Text:** Sequence number out of range

**Explanation:**

**Action:**

**0x128620ca gss\_s\_wnd\_reverse**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Internal error - Attempt to shift window backwards.

**Explanation:** Internal error in windowing procedure

**Action:**

**0x128620ea gss\_s\_wrap\_ber\_long**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** BER of value encoding too long (%d bytes)

**Explanation:** Internal error - the token is too large to wrap

**Action:**

**0x128620e9 gss\_s\_wrap\_mech\_long**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** Mech-type size (%d) is too large

**Explanation:** Internal error - the token is too large to wrap

**Action:**

**0x128620eb gss\_s\_wrap\_nomem**

**Severity:** Error      **Component:** gss/gss\_s\_protocol

**Text:** No memory to copy wrapped token

**Explanation:** Out of heap memory

**Action:**

**0x128621a8 gss\_s\_xcc\_inv\_ctx**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Invalid context-handle passed to gss\_extract\_creds\_from\_sec\_context

**Explanation:**

**Action:**

**0x128621a9 gss\_s\_xcc\_inv\_ctx\_state**

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Invalid context state in gss\_extract\_creds\_from\_sec\_context

**Explanation:**

**Action:**

**0x128621aa** gss\_s\_xcc\_no\_creds

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Attempt to extract creds from no-cred context

**Explanation:**

**Action:**

**0x128621a5** gss\_s\_xps\_inv\_ctx

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Invalid context-handle passed to gss\_extract\_PAC\_from\_sec\_context

**Explanation:**

**Action:**

**0x128621a6** gss\_s\_xps\_inv\_ctx\_state

**Severity:** Error      **Component:** gss/gss\_s\_general

**Text:** Invalid context state in gss\_extract\_PAC\_from\_sec\_context

**Explanation:**

**Action:**

**0x128621a7** gss\_s\_xps\_no\_pac

**Severity:** Warning      **Component:** gss/gss\_s\_general

**Text:** Attempt to extract PAC from non-PAC-based context

**Explanation:**

**Action:**

**0x1260afa6 GST\_CONVCHAR\_MISSING**

**Severity:** Warning      **Component:** gds/GDS\_S\_STEP

**Text:** An invalid conversion character is found in message 0x%lx.

**Explanation:** The message with the specified index contains a format element with an invalid conversion character.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Report the problem to the responsible software engineer.

**0x1260afa5 GST\_ERR\_OVERFLOW**

**Severity:** Fatal      **Component:** gds/GDS\_S\_STEP

**Text:** Error overflow.

**Explanation:** The evaluation tool **gstep** has detected more than 100 errors in log entries.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Report the problem to the responsible software engineer.

**0x1260afa0 GST\_INV\_DEBUG\_LEVEL**

**Severity:** Fatal      **Component:** gds/GDS\_S\_STEP

**Text:** Invalid debug level %ld.

**Explanation:** The evaluation tool **gstep** was called with an invalid debug level.

**Action:** Call **gstep** with a correct debug level in the range from 0 to 9.

**0x1260afa3 GST\_LOGCLOSE\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_STEP

**Text:** The specified logfile cannot be closed, error status: 0x%lx.

**Explanation:** The evaluation tool **gstep** could not close the specified logfile.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Evaluate **error status** for the reason. Report the problem to the responsible software engineer.



**0x1260afa2 GST\_LOGOPEN\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_STEP

**Text:** The specified logfile cannot be opened, error status: 0x%lx.

**Explanation:** The evaluation tool **gstep** could not open the specified logfile.

**Action:** Evaluate **error status** for the reason. Values are found in **dce\_svc.h**. Depending on the reason, possible actions are:

- Change the access mode of the file.
- Create the file.
- Report the problem to the responsible software engineer.

**0x1260afa7 GST\_LOGREAD\_ERR**

**Severity:** Warning      **Component:** gds/GDS\_S\_STEP

**Text:** A logged data element could not be read from the logfile. Error Status: 0x%lx.

**Explanation:** The logfile contains inconsistent data.

**Action:** This problem should not occur and cannot be corrected by a user or system administrator. Report the problem to the responsible software engineer.

**0x1260afa1 GST\_NO\_LOGFILE**

**Severity:** Fatal      **Component:** gds/GDS\_S\_STEP

**Text:** Logfile name is missing.

**Explanation:** The evaluation tool **gstep** was called without a logfile name parameter.

**Action:** Specify the name of the logfile when calling the evaluation tool.

**0x1260afa4 GST\_OFFSET\_ERR**

**Severity:** Fatal      **Component:** gds/GDS\_S\_STEP

**Text:** An entry with the specified offset could not be found. Error\_status: 0x%lx.

**Explanation:** The evaluation tool **gstep** could not find the log entry with the specified offset.

**Action:** Call **gstep** with a valid offset.

**0x1260ae32 gsu\_access\_right\_failed**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Cannot access file %s.\n

**Explanation:** Access to the specified file was not granted because of insufficient rights.

**Action:** Change the access rights of the file and try again.

**0x1260ae2e gsu\_config\_type\_failed**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Invalid configuration type.\n

**Explanation:** The configuration type is C for client system and S for client/server system.

**Action:** Specify the correct configuration type and try again

**0x1260ae28 gsu\_default\_schema\_failed**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Invalid value for \"Use default schema\".\n

**Explanation:** An invalid value was specified for the \"use default schema\" prompt. The valid values are:

- For a client system is not allowed.
- For a initial client/server system is Y.
- For a client/server system with non-GDS DSAs, or DSAs that do not constitute an administrative domain is Y.
- For a client/server system, local DSA and initial DSA constitute an administration domain and use the default schema is Y.
- For a client/server system, local DSA and initial DSA constitute an administration domain and do not use the default schema is N.

**Action:** specify it and try again

**0x1260ae43 gsu\_dirid\_client\_no\_overwrite**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Directory id %d already configured as a client system and overwrite switch was not set.\n

**Explanation:** The specified directory id was already configured as a client system and overwrite switch was not specified by the user.

**Action:** Specify the overwrite switch and try again.

**0x1260ae44 gsu\_dirid\_server\_no\_overwrite**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Dir id %d already configured as a client/server system and overwrite switch was not set.\n

**Explanation:** The specified directory id was already configured as a client/server system and overwrite switch was not specified by the user.

**Action:** Specify the overwrite and try again.

**0x1260ae11 gsu\_existing\_error**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** File %s does not exist\n

**Explanation:** The specified file does not exist.

**Action:** Check if the specified file exists. If it exists, check the access rights of the file.

**0x1260ae13 gsu\_fclose\_error**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** File %s could not be closed.\n

**Explanation:** The program could not close the specified file.

**Action:** Contact your system administrator.

**0x1260ae12 gsu\_fopen\_error**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** File %s could not be opened.\n

**Explanation:** The program could not open the specified file.

**Action:** Check if the specified file exists. If it exists, check the access rights of the file.

**0x1260ae38 gsu\_input\_file\_poss**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Too many files specified.\n

**Explanation:** Too many input files were specified by the user.

**Action:** Invoke gdssetup again with only one input file name.

**0x1260ae14 gsu\_inter\_write\_error**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Could not write into file %s.\n

**Explanation:** The program could not write into the specified file.

**Action:** Check the access rights of the file.

**0x1260ae2c gsu\_local\_schema\_error**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Invalid value for \"Local schema is master\".\n

**Explanation:** An invalid value was specified for the \"Local schema is master\" prompt. The valid values are:

- For a client server system it is not allowed.
- For an initial client/server system it is Y.
- For a client/server system with non-GDS DSAs, or DSAs that do not constitute an administrative domain it is Y.
- For a client/server system, local DSA, and initial DSA constitute an administration domain and use the default schema it is N.
- For a client/server system, local DSA and initial DSA constitute an administration domain and do not use the default schema it is N.

**Action:** Specify a valid value and try again

**0x1260ae2f gsu\_max\_clients**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP  
**Text:** Maximal number of clients is %d.\n  
**Explanation:** Number of clients exceeds the maximum.  
**Action:** Change the number of clients in the file and try again.

**0x1260ae31 gsu\_max\_dir\_id**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP  
**Text:** Maximal directory ID number is %d.\n  
**Explanation:** Directory ID exceeds the maximum.  
**Action:** Change the directory ID in the file and try again.

**0x1260ae30 gsu\_max\_servers**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP  
**Text:** Maximal number of servers is %d.\n  
**Explanation:** Number of servers exceeds the maximum.  
**Action:** Change the number of servers in the file and try again.

**0x1260ae29 gsu\_missing\_local\_dsa\_name**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP  
**Text:** Missing local DSA name.\n  
**Explanation:** The DSA name has not been specified in the file.  
**Action:** Specify the DSA name in file and try again.

**0x1260ae2a gsu\_missing\_principal\_name**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP  
**Text:** Missing principal name.\n  
**Explanation:** The principal name has not been specified in the file.  
**Action:** Specify the principal name and try again.

**0x1260ae2b gsu\_missing\_psap\_name**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Missing the PSAP address for %s.\n

**Explanation:** The PSAP address was not specified for the DSA.

**Action:** Specify the PSAP address and try again.

**0x1260ae3a gsu\_psap\_must\_same**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** The PSAP address of DSA %s differs from that of the local DSA.\n

**Explanation:** The PSAP address of the specified DSA was not the same as that of the local DSA.

**Action:** Correct the PSAP address and try again.

**0x1260ae27 gsu\_readline\_dsas\_found**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** PSAP string \"%s\" not found in %s.\n

**Explanation:** The prompt string for PSAP address was not found in the parameter file.

**Action:** Specify it and try again.

**0x1260ae39 gsu\_secur\_false**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Invalid security method.\n

**Explanation:** An invalid security method was specified. The valid values are:

- DCE
- simple
- simple,DCE

**Action:** Specify a valid security method and try again.

**0x1260ae15 gsu\_unknown\_switch**

**Severity:** Fatal      **Component:** gds/GDS\_S\_SETUP

**Text:** Unknown option %s\n

**Explanation:** The user supplied option was unknown.

**Action:** Specify a valid option and try again.

**0x22908012 gwy\_s\_addrfamilyerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Unsupported address\_family: %s

**Explanation:** ?

**Action:**

**0x22908015 gwy\_s\_assignnetiderr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Unrecognized NetworkID: %s

**Explanation:** ?

**Action:**

**0x22908006 gwy\_s\_bad\_setsid**

**Severity:** Error      **Component:** gwy/gwy\_s\_general

**Text:** setsid: %s

**Explanation:** ?

**Action:**

**0x2290800b gwy\_s\_bindsockerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Can't bind socket, port %d

**Explanation:** ?

**Action:**

**0x22908024 gwy\_s\_changedcepasswd**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Password must be changed!

**Explanation:** ?

**Action:**

**0x22908017 gwy\_s\_convertnetiderr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Could not convert NetworkID - Probably unknown

**Explanation:** ?

**Action:**

**0x22908025 gwy\_s\_credlocalreg**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Credentials obtained from local registry.

**Explanation:** ?

**Action:**

**0x22908018 gwy\_s\_dcecrederr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Could not obtain DCE credentials

**Explanation:** ?

**Action:**

**0x22908019 gwy\_s\_dcecredtimeerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Could not obtain expiration time for DCE credentials

**Explanation:** ?

**Action:**



**0x22908016 gwy\_s\_dcepasswderr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Error while validating password

**Explanation:** ?

**Action:**

**0x22908022 gwy\_s\_dcepasswdreaderr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Error while reading password

**Explanation:** ?

**Action:**

**0x22908011 gwy\_s\_dcerebinderr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** Foo%s: DCE error while binding to registry: %s

**Explanation:** ?

**Action:**

**0x2290800f gwy\_s\_defaultrealmerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Error while determining default realm

**Explanation:** ?

**Action:**

**0x22908003 gwy\_s\_dispatcherr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Failed to parse command line: %s

**Explanation:** ?

**Action:**

**0x2290802b gwy\_s\_enterprinc**

**Severity:** Notice      **Component:** gwy/gwy\_s\_cmd

**Text:** Enter principal name:

**Explanation:** ?

**Action:**

**0x22908005 gwy\_s\_fork\_failed**

**Severity:** Error      **Component:** gwy/gwy\_s\_general

**Text:** Could not fork: result %d, error %d

**Explanation:** ?

**Action:**

**0x22908004 gwy\_s\_forkingdaemon**

**Severity:** Error      **Component:** gwy/gwy\_s\_general

**Text:** dfsgwd: forking dfsgwd daemon ..

**Explanation:** ?

**Action:**

**0x2290800e gwy\_s\_genportaddrerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Error while generating port address

**Explanation:** ?

**Action:**

**0x22908029 gwy\_s\_getpagerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Unable to get PAG: %s

**Explanation:** ?

**Action:**

**0x22908001 gwy\_s\_gwy\_newline**

**Severity:** Error      **Component:** gwy/gwy\_s\_general

**Text:**

**Explanation:** ?

**Action:**

**0x2290800d gwy\_s\_hostaddrerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Can't determine host address

**Explanation:** ?

**Action:**

**0x2290800c gwy\_s\_hostnameerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Can't determine host name

**Explanation:** ?

**Action:**

**0x22908013 gwy\_s\_idpairerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: -id requires a NetworkID:UserID pair

**Explanation:** ?

**Action:**

**0x22908007 gwy\_s\_loginiterr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Logfile initialization failed, no logging available

**Explanation:** ?

**Action:**

**0x2290801d gwy\_s\_mallocerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Memory allocation failure

**Explanation:** ?

**Action:**

**0x2290802c gwy\_s\_mapadded**

**Severity:** Notice      **Component:** gwy/gwy\_s\_cmd

**Text:** Mapping added successfully, PAG is %x

**Explanation:** ?

**Action:**

**0x2290802a gwy\_s\_mapdeleted**

**Severity:** Notice      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Mapping deleted successfully

**Explanation:** ?

**Action:**

**0x22908035 gwy\_s\_mapexists**

**Severity:** Notice      **Component:** gwy/gwy\_s\_cmd

**Text:** Mapping already existed. Refreshed mapping ticket. PAG remains %x

**Explanation:** ?

**Action:**

**0x2290802e gwy\_s\_mapis**

**Severity:** Notice      **Component:** gwy/gwy\_s\_cmd

**Text:** Mapping: %s:%s => %x expires at %s (@host=\"%s\", @sys=\"%s\")

**Explanation:** ?

**Action:**

**0x2290802d gwy\_s\_mapis\_userid**

**Severity:** Notice      **Component:** gwy/gwy\_s\_cmd

**Text:** Mapping: %s:%d => %x expires at %s (@host=\"%s\", @sys=\"%s\")

**Explanation:** ?

**Action:**

**0x22908030 gwy\_s\_mappingfound**

**Severity:** Notice      **Component:** gwy/gwy\_s\_cmd

**Text:** Mapping found, PAG is %x expires at %s

**Explanation:** ?

**Action:**

**0x22908002 gwy\_s\_message\_version**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** 1001

**Explanation:** ?

**Action:**

**0x22908008 gwy\_s\_netiniterr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Could not initialize networking - make sure no other servers are running

**Explanation:** ?

**Action:**

**0x22908026 gwy\_s\_nocred**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Validated from local override entry, no network credentials obtained.

**Explanation:** ?

**Action:**

**0x2290802f gwy\_s\_nomappings**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** No mappings exist

**Explanation:** ?

**Action:**

**0x22908009 gwy\_s\_opensockerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Can't open socket

**Explanation:** ?

**Action:**

**0x22908010 gwy\_s\_parsenameerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Error while parsing server principal name: %s

**Explanation:** ?

**Action:**

**0x22908028 gwy\_s\_passwdvalerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Password validation failure: %s

**Explanation:** ?

**Action:**

**0x2290800a gwy\_s\_serviceunknown**

**Severity:** Error      **Component:** gwy/gwy\_s\_server

**Text:** %s: Service %s/udp unknown

**Explanation:** ?

**Action:**

**0x22908027 gwy\_s\_setcontexterr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Unable to set context: %s

**Explanation:** ?

**Action:**

**0x22908021 gwy\_s\_setupidentityerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Setup identity error: %s

**Explanation:** ?

**Action:**

**0x2290801a gwy\_s\_syscalladderr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: DFS syscall failed - could not add mapping, errno %s

**Explanation:** ?

**Action:**

**0x22908034 gwy\_s\_syscalladderr\_update**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: DFS syscall failed - could not update mapping expiration time, errno %s

**Explanation:** ?

**Action:**

**0x2290801b gwy\_s\_syscalldelerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: DFS syscall failed - could not delete mapping

**Explanation:** ?

**Action:**

**0x2290801f gwy\_s\_syscallnomaperr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: No mapping found

**Explanation:** ?

**Action:**

**0x2290801e gwy\_s\_syscallobtaintblerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Could not obtain mapping table

**Explanation:** ?

**Action:**

**0x2290801c gwy\_s\_syscallsizeerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Could not obtain size of mapping table

**Explanation:** ?

**Action:**

**0x22908014 gwy\_s\_uiderr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: UserIDs must be an integer value reflecting a remote user login ID: %s

**Explanation:** ?

**Action:**

**0x22908020 gwy\_s\_unknownaddrfamily**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Unknown mapping to address family: %d

**Explanation:** ?

**Action:**



**0x22908023 gwy\_s\_validateidentityerr**

**Severity:** Error      **Component:** gwy/gwy\_s\_cmd

**Text:** %s: Validation error: %s

**Explanation:** ?

**Action:**

———— **KDDS01100-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Started agent termination.

**Explanation:** The termination of agent is started.

**Action:** Not required. If an immediate termination is required, enter dfaagt -a (termination with 'emergency exit' option).

———— **KDDS01101-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Started agent emergency termination.

**Explanation:** The emergency termination of agent is started.

**Action:** Not required.

———— **KDDS01102-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Agent is already stopped.

**Explanation:** An agent termination attempted, but agent was not running.

**Action:** Not required.

———— **KDDS01103-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Agent is being initialized. No command accepted.

**Explanation:** Agent does not accept commands because the initialization of agent is in progress.

**Action:** Enter commands when the initialization is completed.

———— **KDDS01104-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Agent is being terminated. No command accepted.

**Explanation:** Agent does not accept commands because 'dfaagt -s' was entered to terminate AGENT.

**Action:** Not required. If an immediate termination is required, enter dfaagt -a (termination with 'emergency exit' option).

———— **KDDS01105-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Agent is taking emergency exit. No command accepted.

**Explanation:** Agent does not accept commands because 'dfaagt -a' was entered to take an emergency exit.

**Action:** Not required.

———— **KDDS01106-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_agent

**Text:** Unexpected command error (xxx).

**Explanation:** An unexpected error occurred while a command was being executed. (xxx: error information.)

**Action:** Report to DCE administrator or File-Access administrator.

———— **KDDS01107-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to set locale: C locale is assumed (xxx).

**Explanation:** Failed to localize commands due to the cause described by 'xxx.' The default (C) is assumed and the process is continuing.

**Action:** Check the localization environment.

———— **KDDS01300-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to open master key file. File has no access right.

**Explanation:** Failed to open master key file because master key file was not granted access right.

**Action:** Set proper access right to master key file.

———— **KDDS01301-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Gateway xxx is not registered with master key file.

**Explanation:** Gateway xxx is not registered with master key file (/etc/dfakey).

**Action:** Check if the gateway name is registered.

———— **KDDS01302-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Agent administrator is not registered with master key file.

**Explanation:** Agent administrator (or, administrator who can execute 'setdfakey' command) is not registered with master key file (/etc/dfakey).

**Action:** Set the agent administrator name, then try again.

———— **KDDS01303-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Cannot execute setdfakey command.

**Explanation:** An unauthorized user (or, a user not registered with master key file as agent administrator) attempted 'setdfakey' command.

**Action:** Ask agent administrator to run the command.

———— **KDDS01304-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Cannot execute setdfakey command due to unmatched master keys.

**Explanation:** The first master key does not match the second master key.

**Action:** Retry setdfakey.

———— **KDDS01305-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to write to master key file: xxx.

**Explanation:** Failed to write to master key file due to the shown cause. (xxx: cause).

**Action:** Check the cause, and see if the environment for setdfakey is appropriate.

———— **KDDS01306-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Selected gateway xxx does not exist in /etc/hosts file.

**Explanation:** The selected gateway server name (xxx) is not registered in /etc/hosts file.

**Action:** Register the server name with /etc/hosts file, then try setdfakey command again.

———— **KDDS01307-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Agent is running. Cannot execute setdfakey command.

**Explanation:** Setdfakey command was entered while agent is running. To reserve the consistency of master key file, setdfakey command is rejected when agent is running.

**Action:** Stop agent, then retry setdfakey.

———— **KDDS01308-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_agent

**Text:** Unexpected error (xxx) occurred to setdfakey command.

**Explanation:** An unexpected error occurred while setdfakey command is being executed. xxx shows error information.

**Action:** Report to DCE administrator or File-Access administrator.

———— **KDDS01309-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Setlocale failed, continuing with C locale: xxx

**Explanation:** Failed to localize commands due to the cause described by 'xxx.' The default ('C') is assumed and the process is continuing.

**Action:** Check the localization environment.

———— **KDDS01310-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid option

**Explanation:** Invalid option or invalid option value is detected.

**Action:** Check the selected option or option value.

———— **KDDS02000-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Started agent initialization.

**Explanation:** The initialization of agent has started.

**Action:** Not required.

———— **KDDS02001-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Agent successfully initialized.

**Explanation:** The initialization of agent is successfully completed. Now agent takes communication requests from gateway.

**Action:** Not required.

———— **KDDS02002-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent will be terminated in n sec.

**Explanation:** Agent started the termination process, and will stop in n seconds. Agent does not accept any connection requests from gateway.

**Action:** Not required.

———— **KDDS02003-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent will take an emergency exit.

**Explanation:** Agent started to take an emergency exit.

**Action:** Not required.

———— **KDDS02004-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent successfully terminated.

**Explanation:** Agent has terminated.

**Action:** Not required.

———— **KDDS02005-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent is already up and running.

**Explanation:** Agent is already up and running, but dfaagt command was entered to start agent.

**Action:** No need to start agent. If restarting of agent is required, terminate the ongoing agent, then start again.

———— **KDDS02006-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to start agent.

**Explanation:** Cannot start agent due to an error in initializing agent.

**Action:** Refer to the messages on the DFS client console and syslog, and check if the environment of agent is normal.

———— **KDDS02007-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_agent

**Text:** Agent terminated due to an unexpected error. (xxx)

**Explanation:** Agent was terminated because agent detected a fatal error. Core dump may be output. The additional information (described by xxx) is for analytical purposes: may not always be displayed.

**Action:** Report to DCE administrator or File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02008-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Start dfaagt with Supervisor mode. (xxx)

**Explanation:** dfaagt was started by a user who is not in the Supervisor mode. (xxx: additional information)

**Action:** Get into Supervisor mode, and start dfaagt again.

———— **KDDS02030-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_agent

**Text:** Trace process terminated due to an unexpected error. (xxx)

**Explanation:** Trace is terminated because agent detected a fatal error. Core dump may be output. The additional information (described by xxx) is for analytical purposes: may not always be displayed.

**Action:** Report to DCE administrator or File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02031-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_agent

**Text:** System communication process terminated due to an unexpected error. (xxx)

**Explanation:** System communication process is terminated because agent detected a fatal error. Core dump may be output. The additional information (described by xxx) is for analytical purposes: may not always be displayed.

**Action:** Report to DCE administrator or File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02032-E**

**Severity:** Fatal            **Component:** dfa/dfa\_s\_agent

**Text:** Administration process terminated due to an unexpected error. (xxx)

**Explanation:** Administration process is terminated because agent detected a fatal error. This message is also displayed when gateway is terminated before agent is terminated. Core dump may be output. The additional information (described by xxx) is for analytical purposes: may not always be displayed.

**Action:** Check if gateway is stopped. If gateway is running, report to DCE administrator or File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02033-E**

**Severity:** Fatal            **Component:** dfa/dfa\_s\_agent

**Text:** Watchdog process terminated due to an unexpected error. (xxx)

**Explanation:** Watchdog process is terminated because agent detected a fatal error. Core dump may be output. The additional information (described by xxx) is for analytical purposes: may not always be displayed.

**Action:** Report to DCE administrator or File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02034-E**

**Severity:** Fatal            **Component:** dfa/dfa\_s\_agent

**Text:** User communication process terminated due to an unexpected error. (xxx)

**Explanation:** User communication process is terminated because agent detected a fatal error. This message is also displayed when gateway is terminated before agent is



terminated. Core dump may be output. The additional information (described by xxx) is for analytical purposes: may not always be displayed.

**Action:** Check if gateway is stopped. If gateway is running, report to DCE administrator or File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02100-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Stopped outputting trace information to file

**Explanation:** Outputting trace information to trace file is stopped.

**Action:** Not required.

———— **KDDS02101-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Stopped outputting trace information of process xxx.

**Explanation:** Outputting trace information of process xxx is stopped.

**Action:** Not required.

———— **KDDS02102-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to open trace file. (xxx)

**Explanation:** Failed to open trace file due to the cause (described by xxx) shown.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02103-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to access trace file. xxx:yyy (zzz)

**Explanation:** Access to trace file failed due to the cause shown:

- xxx: attempted operation
- yyy: cause of failure

- zzz: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02130-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Cannot fork: Agent cannot take connection requests from gateway. xxx:yyy (zzz)

**Explanation:** Agent failed to generate child processes due to the cause shown: Agent has rejected the connection requests from gateway.

- xxx: attempted operation
- yyy: cause of failure
- zzz: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02131-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Number of connections exceeds the limit: Agent cannot take connection requests from gateway xxx.

**Explanation:** The number of connections exceeds the limit: Agent has rejected the connection requests from gateway xxx.

**Action:** Check the system configuration and environment of agent.

———— **KDDS02132-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Termination of agent is in progress: Agent cannot take connection requests from gateway xxx.

**Explanation:** The termination process of agent is in progress: Agent rejects the connection requests from gateway xxx.

**Action:** Not required.

———— **KDDS02133-I**

**Severity:** Warning      **Component:** dfa/dfa\_s\_agent

**Text:** Connect request refused: unknown gateway. xxx

**Explanation:** None.

**Action:** ?

———— **KDDS02134-I**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_agent

**Text:** Fatal error occurred in gateway xxx.

**Explanation:** The gateway xxx reported a fatal error. Agent will inspect the status of the connection with gateway xxx, and reset the connection if necessary. This message is also displayed when gateway is terminated before agent is terminated.

**Action:** Check if gateway is stopped. If gateway is running, report to DCE administrator and File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02135-I**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_agent

**Text:** Re-connection occurred in gateway xxx.

**Explanation:** Re-connection was reported from gateway xxx. Agent will inspect the status of the connection with gateway xxx, and reset the connection if necessary.

**Action:** Report to DCE administrator and File-Access administrator. To find the cause of the error, DCE administrator is recommended to analyze the messages on the DFS client console and syslog. Report to maintenance service if necessary.

———— **KDDS02160-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to open status logging file. xxx

**Explanation:** Failed to open status logging file due to the cause (described by xxx) shown.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02161-E**

**Severity:** Error            **Component:** dfa/dfa\_s\_agent

**Text:** Failed to access status logging file. xxx:yyy (zzz)

**Explanation:** Access to status logging file failed due to the cause shown:

- xxx: attempted operation
- yyy: cause of failure
- zzz: additional information

The additional information is for analytical purposes:may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02220-E**

**Severity:** Fatal            **Component:** dfa/dfa\_s\_agent

**Text:** No sanity check response returned from gateway xxx.

**Explanation:** The gateway xxx does not return a sanity check response. agent assumes gateway xxx has a fatal error, and invokes appropriate processes.

**Action:** Check the behavior and network statuses of the target gateway, as well as the environment of agent.

———— **KDDS02250-E**

**Severity:** Error            **Component:** dfa/dfa\_s\_agent

**Text:** Failed to change DCE effective login period. aaa:xxx yyy:zzz

**Explanation:** Failed to change DCE effective login period of the shown DCE user due to the cause shown:

- aaa: DCE user name
- xxx: DCE effective login period
- yyy: attempted operation

- zzz: cause of failure

DCE effective login period is the time and date when the DCE user is automatically logged out from DCE.

**Action:** Analyze the cause of the failure, and check the environment of DCE and agent.

———— **KDDS02251-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Effective period of DCE password expired. xxx

**Explanation:** The effective period of the DCE password has expired. (xxx is the DCE user name.)

**Action:** Ask the DCE user shown by 'DCE user name' to change the password.

———— **KDDS02252-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to access master key file. xxx:yyy (zzz)

**Explanation:** The master key file access (shown by yyy) failed due to the cause shown by xxx.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02280-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to generate trace process. xxx

**Explanation:** Failed to fork trace process due to the displayed (by xxx) cause. The output of the trace information will be thinned.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02281-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to generate system communication process. xxx

**Explanation:** Failed to fork system communication process due to the displayed (by xxx) cause. Agent will be stopped.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02282-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** DFS client is not ready to run.

**Explanation:** The DFS client daemon process is not running. Agent was terminated due to the DFS client's incomplete environment.

**Action:** Restart agent after the DFS client environment is completed.

———— **KDDS02283-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** TCP/IP Port Number xxx is equal or smaller than 5000.

**Explanation:** The number 5000 or less is assigned to the TCP/IP port number that is used by agent. The initialization continues though system has a priority to employ such a number.

**Action:** Assign a number greater than 5000 to /etc/services file.

———— **KDDS02300-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Trace process terminated: xxx

**Explanation:** Trace process has been terminated. The termination information (described by xxx) shows the information for error analysis.

**Action:** Not required.

———— **KDDS02301-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** System communication process terminated: xxx

**Explanation:** System communication process has been terminated. The termination information (described by xxx) is for error analysis.

**Action:** Not required.

———— **KDDS02330-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to send a message: xxx yyy

**Explanation:** Failed to send a message to gateway shown by the gateway name (described by xxx). yyy shows the beginning of the attempted message. Cannot use the message-send connection with agent. A possible cause is ‘initialization of gateway communication is in progress’ or ‘an error occurred to network.’

**Action:** Check the connection with gateway.

———— **KDDS02500-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Agent failed to get memory. xxx (yyy)

**Explanation:** Agent could not get memory due to the reason shown:

- xxx: cause of failure
- yyy: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02520-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Agent failed to get shared memory. xxx:yyy (zzz)

**Explanation:** Agent could not get shared memory due to the reason shown:

- xxx: attempted operation
- yyy: cause of failure
- zzz: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02521-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Shared memory already allocated: will be re-allocated. (xxx)

**Explanation:** The shared memory with the key of agent has already been assigned. The shared memory will be re-allocated, and agent will be initialized. The additional information (described by xxx) is for analytical purposes: may not always be displayed.

**Action:** Not required.

———— **KDDS02540-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to access semaphore. xxx:yyy (zzz)

**Explanation:** Agent could not access a semaphore due to the reason shown:

- xxx: attempted operation
- yyy: cause of failure
- zzz: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02560-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Failed to open socket. xxx (yyy)

**Explanation:** Agent could not open a socket due to the reason shown:

- xxx: cause of failure
- yyy: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02561-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent



**Text:** Failed to bind an address to the socket. xxx:yyy (zzz)

**Explanation:** Due to the reason shown, agent could not tie the socket with the address shown by 'address.'

- xxx: address
- yyy: cause of failure
- zzz: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02562-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Network error. xxx:yyy (zzz)

**Explanation:** During the communication with the gateway xxx, a network error occurred due to the reason shown:

- xxx: gateway name
- yyy: cause of failure
- zzz: additional information

The erroneous connection has been disconnected. The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the network status, and the environment of agent and gateway.

———— **KDDS02563-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Timeout occurred receiving data from gateway xxx.

**Explanation:** During the data receiving from gateway xxx, a timeout occurred; The erroneous connection has been disconnected.

**Action:** Analyze the cause of the failure, and check the network status and the environment of agent and gateway.

———— **KDDS02564-E**

**Severity:** Error            **Component:** dfa/dfa\_s\_agent

**Text:** Communication error: aaa xxx:yyy (zzz)

**Explanation:** During the communication with the gateway shown by ‘gateway name,’ a network error occurred when the operation shown by ‘attempted operation’ was attempted, due to the reason shown:

- aaa: gateway name
- xxx: attempted operation
- yyy: cause of failure
- zzz: additional information

The erroneous connection has been disconnected. The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the network status, and the environment of agent and gateway.

———— **KDDS02580-E**

**Severity:** Error            **Component:** dfa/dfa\_s\_agent

**Text:** File system full. xxx:yyy (zzz)

**Explanation:** The operation shown failed due to the reason shown:

- xxx: attempted operation
- yyy: cause of failure
- zzz: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02600-E**

**Severity:** Error            **Component:** dfa/dfa\_s\_agent

**Text:** Failed to fork. xxx (yyy)

**Explanation:** Agent failed to generate a child process due to the reason shown:

- xxx: cause of failure
- yyy: additional information

The additional information is for analytical purposes: may not always be displayed.

**Action:** Analyze the cause of the failure, and check the environment of agent.

———— **KDDS02620-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Agent error. (yyy)

**Explanation:** An error occurred at the agent. The additional information (described by yyy) is for analytical purposes: may not always be displayed.

**Action:** Report to maintenance service.

———— **KDDS02800-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid option

**Explanation:** An invalid option or parameter was selected for a command.

**Action:** Retry the command with a correct option or parameter.

———— **KDDS02801-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid option value. %s: invalid character detected

**Explanation:** ?

**Action:** ?

———— **KDDS02900-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Cannot open configuration file. %s %s

**Explanation:** ?

**Action:** ?

———— **KDDS02901-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid configuration option detected. %s

**Explanation:** ?

**Action:** ?

———— **KDDS02902-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid configuration option. %s : missing option value

**Explanation:** ?

**Action:** ?

———— **KDDS02903-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid configuration option. %s : invalid character detected

**Explanation:** ?

**Action:** ?

———— **KDDS02904-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid configuration option. %s : out of range

**Explanation:** ?

**Action:** ?

———— **KDDS02905-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_agent

**Text:** Invalid configuration option. %s : undefined gateway

**Explanation:** ?

**Action:** ?

———— **KDDS10000-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Resource tag cannot be allocated.

**Explanation:** NetWare server may have run out of memory.

**Action:** Consult NetWare troubleshooting manuals.

———— **KDDS10001-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Administration utility cannot be executed.

**Explanation:** NetWare server may have run out of memory.

**Action:** Consult NetWare troubleshooting manuals.

———— **KDDS10002-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Designated gateway volume does not exist. The volume information will be deleted to continue the process.

**Explanation:** The NetWare volume registered as a gateway volume has removed. Or, a NetWare volume is not mounted in the NetWare server.

**Action:** Make a NetWare volume, use NetWare Install utility to mount the NetWare volume, and register the volume.

———— **KDDS10004-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Invalid DFS mount point.

**Explanation:** The selected DFS Mount Point does not have /.../cellname/fs.

**Action:** Select a correct DFS Mount Point.

———— **KDDS10005-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Agent options cannot be used.

**Explanation:** Agent options, selected from administration utility menu, were attempted while File-Access was running.

**Action:** Agent options cannot be executed when DFA.NLM is running. Terminate DFA.NLM, then try agent options.

———— **KDDS10006-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Designated agent name does not exist in HOST file. The agent information will be deleted to continue the process.

**Explanation:** The host name registered as agent does not exist in HOST file.

**Action:** Register a host name with the HOST file, then use administration utility to re-register agent.

———— **KDDS10007-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Invalid master key.

**Explanation:** The master key is not correct, or was not entered.

**Action:** Enter a correct master key.

———— **KDDS10008-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Re-entered master key is unmatched.

**Explanation:** The entered master key and the re-entered one do not match.

**Action:** Enter a correct master key.

———— **KDDS10009-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Invalid DCE user name.

**Explanation:** The DCE user name is not correct, or was not entered.

**Action:** Enter a correct DCE user name.

———— **KDDS10010-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Invalid DCE password.

**Explanation:** The DCE password is not correct, or was not entered.

**Action:** Enter a correct DCE password.

———— **KDDS10011-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Re-entered password is unmatched.

**Explanation:** The entered DCE password and the re-entered DCE password do not match.

**Action:** Enter a correct DCE password.

———— **KDDS10012-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Invalid DCE group name.

**Explanation:** The DCE group name is invalid, or was not entered.

**Action:** Enter a correct DCE group name.

———— **KDDS10016-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Bindery access error: error code xxx. (xxx: error code)

**Explanation:** An error occurred when NetWare bindery was accessed.

**Action:** Check if SYS volume is mounted. If mounted, use BINDFIX NetWare command to rebuild a bindery.

———— **KDDS10017-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** File access error.

**Explanation:** An error occurred during access to a file that carries information registered by administration utility.

**Action:** Consult NetWare troubleshooting manuals.

———— **KDDS10023-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Gateway volume information contains invalid data. The invalid data will be deleted to continue the process.

**Explanation:** The information made with gateway volume options has been destroyed.

**Action:** Use administration utility to check if gateway volume is properly registered. If this error is repeated, consult NetWare troubleshooting manuals.

———— **KDDS10024-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Agent information contains invalid data. The invalid data will be deleted to continue the process.

**Explanation:** The information made with agent options has been destroyed.

**Action:** Use administration utility to check if agent is properly registered. If this error recurs, consult NetWare troubleshooting manuals.

———— **KDDS10025-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Other information contains invalid data. The invalid data will be deleted to continue the process.

**Explanation:** The information made with Other options has been destroyed.

**Action:** Use administration utility to check if Other information is properly registered. If this error recurs, consult NetWare troubleshooting manuals.

———— **KDDS10026-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Insufficient memory.

**Explanation:** NetWare ran out of memory for administration utility.



**Action:** Consult NetWare troubleshooting manuals.

———— **KDDS10027-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Screens cannot be displayed due to memory shortage.

**Explanation:** NetWare may have run out of memory.

**Action:** Consult NetWare troubleshooting manuals.

———— **KDDS10028-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Administration utility cannot run on this NetWare version.

**Explanation:** Administration utility runs only on NetWare 3.12.

**Action:** Check if the NetWare version is NetWare 3.12.

———— **KDDS10029-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Screens cannot be generated due to memory shortage.

**Explanation:** NetWare server may have run out of memory.

**Action:** Consult NetWare troubleshooting manuals.

———— **KDDS10030-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_admin

**Text:** Administration utility detected self-contradiction: error code xxx.

**Explanation:** Administration utility detected an internal error. xxx describes the error code.

**Action:** Report to maintenance service.

———— **KDDS11001-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** DFA.NLM cannot run on this NetWare version.

**Explanation:** The gateway starting command (DFA.NLM) was not executed on a NetWare 3.12 server.

**Action:** Run the starting command on a NetWare 3.12 server.

———— **KDDS11002-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** DFA.NLM has different interface version from %s.

**Explanation:** ?

**Action:** ?

———— **KDDS11003-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway initialization started.

**Explanation:** ?

**Action:** ?

———— **KDDS11004-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to start xxx.

**Explanation:** Initialization failed to start administration or watchdog thread. (Admin or watchdog thread is described by xxx)

**Action:** See the error message issued by each thread.

———— **KDDS11005-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** NWAddFSMonitorHook failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11006-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** NWRegisterNCPEExtension failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11007-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** BeginThreadGroup failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11008-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** DFA.NLM requires 3.12g or newer version of CLIB.NLM.

**Explanation:** The loaded CLIB.NLM is older than 3.12g.

**Action:** DFA.NLM does not support a CLIB.NLM older than 3.12g. Use a newer version.

———— **KDDS11009-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** GetVolumeNumber failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11010-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** AdvertiseService failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11011-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to suspend MainThread.

**Explanation:** NetWare API error occurred.

**Action:** Report to maintenance service.

———— **KDDS11012-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to initialize gateway: error code xxx.

**Explanation:** An error occurred during initialization.

**Action:** See the remedy shown in the message prior to this message.

———— **KDDS11015-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Volume xxx is invalid or not mounted.

**Explanation:** The selected volume (described by xxx) does not exist, or the volume is not mounted.

**Action:** Use administration utility to select an appropriate volume name. Or, use NetWare Install utility to mount the volume.

———— **KDDS11016-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Invalid syntax in DFS path.

**Explanation:** The selected DFS path is invalid.

**Action:** Use administration utility to select an appropriate DFS path (i.e., one that begins with ../../cellname/fs).

———— **KDDS11017-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Invalid hostname.

**Explanation:** The selected host does not exist, or an incorrect hostname was selected.

**Action:** See if the selected hostname is in SYS:\\ETC\\HOSTS file. Or, use administration utility to select an appropriate hostname.

———— **KDDS11018-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to open logfile xxx.

**Explanation:** Could not open the logfile (described by xxx).

**Action:** See if the file is read only, or the file is not open.

———— **KDDS11034-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** DFA.NLM detected self-contradiction.

**Explanation:** A self-contradicting error occurred while DFA.NLM was running.

**Action:** Re-start gateway. If the error still occurs, report to maintenance service.

———— **KDDS11035-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to get memory dump.

**Explanation:** ?

**Action:** ?

———— **KDDS11036-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** ResumeThread failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11037-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Insufficient memory.

**Explanation:** Failed to get a work area.

**Action:** Terminate other server applications, and retry.

———— **KDDS11039-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** GetServerInformation failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11040-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** GetFileServerID failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11041-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** GetVolumeStatistics failed: error code xxx.

**Explanation:** NetWare API error (described by xxx) occurred.

**Action:** Report to maintenance service.

———— **KDDS11046-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to read gateway volume options.

**Explanation:** The information set for gateway volume options contains invalid data.

**Action:** Use administration utility to set correct data.

———— **KDDS11047-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to read agent options.

**Explanation:** The information set for agent options contains invalid data.

**Action:** Use administration utility to set correct data.

———— **KDDS11048-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to read gateway Other options.

**Explanation:** The information set for gateway Other options contains invalid data.

**Action:** Use administration utility to set correct data.

———— **KDDS11049-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway initialization completed normally.

**Explanation:** ?

**Action:** ?

———— **KDDS11050-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** AdminThread detected timeout. AdminThread will be restarted.

**Explanation:** ?

**Action:** ?

———— **KDDS11051-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway process termination started.

**Explanation:** ?

**Action:** ?

———— **KDDS11052-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway process will be terminated.

**Explanation:** ?

**Action:** ?

———— **KDDS11053-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway global resources are being freed.

**Explanation:** ?

**Action:** ?

———— **KDDS11201-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway detected self-contradiction: error code xxx.

**Explanation:** Self-contradiction was detected in the gateway internal processing.

**Action:** Report to administrator. The administrator will take gateway logging and trace.

———— **KDDS11202-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Invalid SYS:\\ETC\\HOSTS file.

**Explanation:** SYS:\\ETC\\HOSTS file contains invalid data.

**Action:** Check if SYS:\\ETC\\HOSTS file contains the host information of agent. Also, use administration utility to confirm that agent is registered.

———— **KDDS11203-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Invalid SYS:\\ETC\\SERVICES file.

**Explanation:** SYS:\\ETC\\SERVICES file contains invalid data.

**Action:** Check if SYS:\\ETC\\SERVICES file contains the following data:

- - 'Protocol Type' is 'TCP'



- - 'Port Number' is same as agent
- - 'Service Name' is 'DFA.'

———— **KDDS11204-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** TCPIP.NLM has been unloaded.

**Explanation:** Gateway was stopped because TCPIP.NLM was unloaded from NetWare server.

**Action:** Load TCPIP.NLM to NetWare server, then re-start gateway.

———— **KDDS11205-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway detected unknown error.

**Explanation:** Unknown error was detected in the gateway internal processing.

**Action:** Report to administrator. The administrator will take gateway logging and trace.

———— **KDDS11206-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent is not registered with gateway.

**Explanation:** Agent is not registered with gateway.

**Action:** Use administration utility to register agent.

———— **KDDS11207-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to modify master key.

**Explanation:** Error occurred when master key was being modified.

**Action:** Retry login from a NetWare client to DCE. If this fails, try the following:

- - Use administration utility to re-register agent
- - Go to a DFS client, and use 'setdfakey command' to re-register master key.

———— **KDDS11208-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway is not registered with agent.

**Explanation:** Gateway information is not registered with agent, or the file containing the gateway registration information was destroyed.

**Action:** Use 'setdfakey command' on a DFS client to re-register master key.

———— **KDDS11209-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Invalid user account. DCE user name: xxx.

**Explanation:** 'Invalid' is set to a DCE user account on DCE, or the DCE user account has expired. xxx is the DCE user name (if the length of the name exceeds 6 bytes, first 16 bytes followed by ... are displayed)

**Action:** Check the contents of the DCE account information on DCE.

———— **KDDS11210-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway and agent have different master keys.

**Explanation:** Master key was not successfully modified while the DCE login was being processed, or master key file was destroyed, or gateway and agent have a different master key.

**Action:** To set the same master key to gateway and agent, use administration utility for NetWare server, or 'setdfakey command' for DFS client.

———— **KDDS11211-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** DCE security server is unavailable.

**Explanation:** Unable to authenticate users because DCE security server is unavailable.

**Action:** Check the status of DCE security server.

———— **KDDS11214-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway ran out of memory.

**Explanation:** No memory in NetWare system is available for gateway.

**Action:** Refer to NetWare's troubleshooting manual.

———— **KDDS11215-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to access Bindery: error code xxx.

**Explanation:** Error (described by xxx) occurred when gateway accessed NetWare Bindery.

**Action:** Use NetWare's BINDFIX command to rebuild Bindery.

———— **KDDS11216-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Error in communication with agent.

**Explanation:** Error occurred in the communication line to agent, or there was no response from agent.

**Action:** Check the communication line to agent, and agent itself.

———— **KDDS11217-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent is not up and running.

**Explanation:** Gateway cannot access DFS because agent is not running.

**Action:** Check the status of agent on DFS client.

———— **KDDS11218-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Trustee rights cannot be assigned to gateway volume xxx.

**Explanation:** Trustee rights cannot be assigned to the gateway volume because the gateway volume (described by xxx) is not mounted as a NetWare volume.

**Action:** Mount the gateway volume as a NetWare volume.

———— **KDDS11219-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Trustee rights cannot be removed from gateway volume xxx.

**Explanation:** Trustee rights cannot be removed from the gateway volume (described by xxx) because the gateway volume is not mounted as a NetWare volume.

**Action:** Mount the gateway volume as a NetWare volume.

———— **KDDS11220-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Trustee rights cannot be removed from gateway volume xxx because the gateway volume is not mounted as a NetWare volume. User name: yyy.

**Explanation:** Trustee rights cannot be removed from the gateway volume because the gateway volume is not mounted as a NetWare volume.

- xxx: Gateway volume Name
- yyy: user name

**Action:** Mount the gateway volume as a NetWare volume, then remove the trustee right of the user indicated.

———— **KDDS11221-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** All users will be logged out.

**Explanation:** ?

**Action:** ?

———— **KDDS11222-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** All users have been logged out.

**Explanation:** ?

**Action:** ?

———— **KDDS11223-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent failed to access master key.

**Explanation:** When gateway sent a DCE login request to agent, agent failed to access master key file.

**Action:** See the information shown in agent syslog file.

———— **KDDS11224-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** DFA.NLM was unloaded; Logged out from DCE.

**Explanation:** Because DFA.NLM was unloaded, gateway logged out the gateway users logging in to DCE.

**Action:** If a user was accessing a file when the logout was taken, check the contents of the file when the user logs in again.

———— **KDDS11225-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Communication error; Logged out from DCE.

**Explanation:** Due to a communication error, gateway logged out the gateway users logging in to DCE.

**Action:** Report to File-Access administrator. File-Access administrator is requested to check the message before this message.

———— **KDDS11226-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway user xxx has been logged out from DCE.

**Explanation:** Because NetWare logout or NetWare client power-off occurred while a user logs in to DCE, gateway logged out the gateway users logging in to DCE.

**Action:** None.

———— **KDDS11401-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to copy back the file to DFS.

**Explanation:** The file built on the NetWare gateway volume was unsuccessfully copied back to DCE/DFS.

**Action:** None.

———— **KDDS11413-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Communication error: Logged out from DCE.

**Explanation:** Due to a communications error, gateway was logged out from DCE.

**Action:** Enter DCE again. If the same error recurs, report to DCE administrator.

———— **KDDS11414-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway user xxx will be logged out from DCE due to communication error: error code yyy.

**Explanation:** Due to a communication error, gateway logged out from DCE.

- xxx: username of Gateway user logging in to DCE
- yyy: error code

The same message is displayed on NetWare client console.

**Action:** See the error code to take an action:

- If error code=1202:  
The error is in the agent or the communications environment.
- If error code=1205:

Check if agent and gateway are connected with a LAN cable. To check this via software, use ping of NetWare. If the communication environment is not faulty, report to maintenance.

- If error code=other values

Fatal communication error. Report to maintenance.

———— **KDDS11601-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Volume xxx is invalid or not mounted.

**Explanation:** The NetWare volume registered as gateway volume (whose pathname is described by xxx) does not exist, or was not mounted before gateway (or directory synchronization) was initialized.

**Action:** Use administration utility to select an appropriate volume name. Or, use NetWare Install utility to mount volume.

———— **KDDS11603-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to read volume information of xxx.

**Explanation:** Failed to get NetWare volume (whose pathname is described by xxx) information.

**Action:** There may be a NetWare or file system error. Report to maintenance service.

———— **KDDS11604-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** File-access administrator is not registered.

**Explanation:** Gateway volume could not be initialized when File-Access was started because NetWare SUPERVISOR was not registered as File-Access administrator.

**Action:** Use NetWare Install utility to register File-Access administrator.

———— **KDDS11605-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** File-Access administrator failed to log in.

**Explanation:** When the File-Access starting process began gateway volume initialization, NetWare SUPERVISOR failed to enter DCE.

**Action:** Gateway cannot start. Report to maintenance service.

———— **KDDS11607-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to connect with agent.

**Explanation:** Administration connection could not be established when File-Access was started.

**Action:** Gateway cannot start. Report to maintenance service.

———— **KDDS11613-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Insufficient memory.

**Explanation:** NetWare has run out of memory.

**Action:** See NetWare troubleshooting manuals.

———— **KDDS11624-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Directory Sync. detected self-contradiction: error code xxx.

**Explanation:** Gateway detected a self-contradicting error (described by xxx).

**Action:** Report to maintenance.

———— **KDDS11625-Q**

**Severity:** Warning      **Component:** dfa/dfa\_s\_gateway

**Text:** Delete files/directories remaining in volume xxx ? (Y/N)

**Explanation:** Gateway volume (whose pathname is described by xxx) has files or directories.

**Action:** Y: Delete them (Use the volume as a gateway volume) N: Keep them (Do not use it as a gateway volume)

———— **KDDS11631-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway



**Text:** Started volume %s initialization.

**Explanation:** ?

**Action:** ?

———— **KDDS11632-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Volume %s successfully initialized.

**Explanation:** ?

**Action:** ?

———— **KDDS11633-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to initialize volume %s.

**Explanation:** ?

**Action:** ?

———— **KDDS11634-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Started volume %s cleanup.

**Explanation:** ?

**Action:** ?

———— **KDDS11635-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Volume %s successfully cleaned up.

**Explanation:** ?

**Action:** ?

———— **KDDS11636-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Started re-connection with agent.

**Explanation:** ?

**Action:** ?

———— **KDDS11637-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Successfully re-connected with agent.

**Explanation:** ?

**Action:** ?

———— **KDDS11638-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** DCE login for administrator started.

**Explanation:** ?

**Action:** ?

———— **KDDS11639-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Started administration threads initialization.

**Explanation:** ?

**Action:** ?

———— **KDDS11640-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Administration threads successfully initialized.

**Explanation:** ?

**Action:** ?

———— **KDDS11641-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to initialize administration threads.

**Explanation:** ?

**Action:** ?

———— **KDDS11642-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Started administration threads termination.

**Explanation:** ?

**Action:** ?

———— **KDDS11643-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Administration threads successfully terminated.

**Explanation:** ?

**Action:** ?

———— **KDDS11644-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Volume %s initialization started.

**Explanation:** ?

**Action:** ?

———— **KDDS11645-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Volume %s initialization terminated: return code %d.

**Explanation:** ?

**Action:** ?

———— **KDDS11646-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Directory Sync. started.

**Explanation:** ?

**Action:** ?

———— **KDDS11647-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Directory Sync. terminated: return code %d.

**Explanation:** ?

**Action:** ?

———— **KDDS11651-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** NetWare server has invalid network environment.

**Explanation:** The setting of TCP/IP on NetWare server is invalid.

**Action:** Refer to NetWare manuals to correct the TCP/IP setting. Possible causes include: improper setting of LAN driver, bad IP connection by BIND command, and bad port number defined in SYS:\ETC\SERVICES.

———— **KDDS11652-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** No response from agent.

**Explanation:** One of the following occurred:

- - Agent is not running.
- - The machine where agent runs is not running.
- - Cannot access the machine where agent is running.

**Action:** Check the cause of the failure, and choose one of the following actions:

- Start agent. If agent has a problem starting, remove the problem.
- Start the machine on which agent runs.
- Set the network environment so that the agent-running machine is accessible.

———— **KDDS11653-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Disconnection occurred in the communication with agent.

**Explanation:** Agent was terminated, or the agent process was killed by a problem, or there is a network problem.

**Action:** Remove the problem, and restart agent.

———— **KDDS11654-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Timeout occurred in communication with agent.

**Explanation:** Timeout was detected in communication between agent and DCE security server, or agent and DFS server.

**Action:** Check the communication environment.

———— **KDDS11661-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Administrator has invalid DCE account or password.

**Explanation:** File-Access administrator's DCE account is not valid, or expired. Or the DCE password is not correct.

**Action:** Make the DCE user account effective, or change the password.

———— **KDDS11662-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent is not in root-mode.

**Explanation:** The dfaagt command (used for starting the agent) is not running as root, or its DCE password is not correct.

**Action:** Check if the invoker of dfaagt is root, and whether the value of the setuid bit is correct.

———— **KDDS11663-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent has reported error: error code xxx.

**Explanation:** An error occurred to agent.

**Action:** See the error codes (described by xxx) listed below, and remove the problem:

- 12: Shortage of memory.
- 23: OS opened too many file descriptors.
- 24: Agent opened too many file descriptors.
- 233: Shortage of memory.
- 238: Connection error between DFS server and client:  
DFS server is not started.  
An error in the mount point cell name registered with gateway.
- 249: Too many symbolic links of the directory in the path.
- 1002: Cannot use authentication server.
- others: Report to maintenance.

———— **KDDS11664-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Mount point xxx does not exist.

**Explanation:** The selected mount point (described by xxx) does not exist, or the registered mount point is invalid.

**Action:** Check the mount point, and see if the DFS client daemon is running on an agent machine.

———— **KDDS11665-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to access Mount point xxx.

**Explanation:** The possible causes are:

- The DFS server is not started.
- The DFS server was just started but not ready for accessing.
- The Mount point cell name is not registered properly.

- Failed to access the Mount point.

**Action:** Take one of the following actions:

- Start the DFS server.
- Wait until the DFS server is ready to serve.
- Use the administration utility to set a proper mount point cellname.
- Remove the problem with referring to KDDS11663.

———— **KDDS11666-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Mount point xxx does not have access rights.

**Explanation:** The mount point (described by xxx) does not have access rights.

**Action:** Grant the mount point the access rights to be accessible from File-Access administrator, and restart gateway.

———— **KDDS11667-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Different encryption scheme is used.

**Explanation:** The encryption scheme employed in agent does not match that of gateway.

**Action:** Report to File-Access administrator.

———— **KDDS11668-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Different protocol is used.

**Explanation:** The data transmission method employed in agent does not match that of gateway.

**Action:** Report to File-Access administrator.

———— **KDDS11671-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway volume xxx ran out of disk space.

**Explanation:** Shortage of disk space on gateway xxx.

**Action:** Refer to NetWare administration manuals to expand the disk space.

———— **KDDS11672-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway volume xxx ran out of disk blocks.

**Explanation:** Cannot make directory due to directory area shortage.

**Action:** Refer to NetWare administration manuals to expand the directory area.

———— **KDDS11681-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway detected unknown error: error code xxx.

**Explanation:** Gateway detected an internal error (described by xxx).

**Action:** Report to maintenance.

———— **KDDS11801-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Access error while file was being dumped.

**Explanation:** File dump was killed due to a file access error.

**Action:** File dump abnormally ended. Report to maintenance service.

———— **KDDS11802-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Initialization error in watchdog connection.

**Explanation:** Connection error occurred while gateway was being started.

**Action:** Find and remove the cause of the connection error, then retry initialization.

———— **KDDS11803-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway



**Text:** Error in watchdog connection.

**Explanation:** Connection error occurred after gateway initialization was completed.

**Action:** Check and remove the cause of the connection error, then initialize again.

———— **KDDS11804-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to load DFALIB.NLM.

**Explanation:** Cannot load DFALIB.NLM.

**Action:** Cannot start gateway. Report to maintenance service.

———— **KDDS11805-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to register DFALIB.

**Explanation:** Cannot register DFALIB.

**Action:** Cannot start gateway. Report to maintenance service.

———— **KDDS11807-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to continue DFALIB handling.

**Explanation:** Cannot continue DFALIB processing.

**Action:** Cannot start gateway. Report to maintenance service.

———— **KDDS11808-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent will be terminated in xxx sec.

**Explanation:** Administrator will shutdown agent shortly (i.e., in xxx seconds).

**Action:** Exit from DCE within xxx seconds.

———— **KDDS11809-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Agent will be killed.

**Explanation:** Administrator will kill agent immediately.

**Action:** Exit from DCE.

———— **KDDS11810-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to modify effective period of DCE login.

**Explanation:** Failed to modify effective period of DCE login.

**Action:** Messages KDDS11812-I to KDDS11817-I (below) describe the possible causes of failure. Ask DCE administrator to take proper action.

———— **KDDS11812-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Cause: Security server is not running.

**Explanation:** Failed to modify effective period of DCE login because DCE security server was not up and running.

**Action:** Ask DCE administrator to start DCE security server.

———— **KDDS11813-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Cause: Login period too small.

**Explanation:** Failed to modify effective period of DCE login because the parameter specified for login period was too small.

**Action:** Report to DCE administrator.

———— **KDDS11814-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Cause: Password changed while login.

**Explanation:** Failed to modify effective period of DCE login because the password was changed while DCE login is in progress.

**Action:** Exit DCE, then enter DCE.

———— **KDDS11816-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Cause: Account invalid or expired.

**Explanation:** Failed to modify effective period of DCE login due to an invalid account, or account expired.

**Action:** Report to DCE administrator.

———— **KDDS11817-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Cause: Login period expired before renewed.

**Explanation:** Failed to modify effective period of DCE login because effective period expired before the extension of effective period was completed.

**Action:** Report to DCE administrator.

———— **KDDS11818-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Unknown DCE error.

**Explanation:** The effective period for the DCE password has expired.

**Action:** Change the DCE password.

———— **KDDS11819-I**

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Change DCE password.

**Explanation:** Effective period of the DCE password has expired.

**Action:** Change the DCE password.

———— **KDDS11820-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway watchdog initialization started.

**Explanation:** ?

**Action:** ?

———— **KDDS11821-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway watchdog initialization completed.

**Explanation:** ?

**Action:** ?

———— **KDDS11822-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway watchdog will be suspended.

**Explanation:** ?

**Action:** ?

———— **KDDS11823-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway watchdog will be restarted.

**Explanation:** ?

**Action:** ?

———— **KDDS11824-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway watchdog connection will be closed.

**Explanation:** ?

**Action:** ?

———— **KDDS11825-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway watchdog will be terminated.

**Explanation:** ?

**Action:** ?

———— **KDDS11826-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Dump will be started.

**Explanation:** Gateway dump is starting.

**Action:** none

———— **KDDS11827-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Dump completed.

**Explanation:** Gateway dump has completed.

**Action:** none

———— **KDDS11828-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Unknown message received.

**Explanation:** Gateway received an unsupported message.

**Action:** Upgrade the gateway. Or report to File-Access administrator and DCE administrator. Both administrators should get the RAS file of gateway and agent.

———— **KDDS12001-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Communication error: Logged out from DCE.

**Explanation:** Due to a communications error, the gateway logged out of DCE.

**Action:** Enter DCE again. Report to DCE administrator if the same error recurs.

———— **KDDS12002-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_gateway

**Text:** Gateway user xxx will be logged out from DCE due to communication error: error code yyy.

**Explanation:** Due to a communication error, gateway logged out from DCE.

- xxx: Gateway user name logging in to DCE
- yyy: error code

The same message is displayed on NetWare client console.

**Action:** See the error code to take an action:

- error code=1202

The error is in the agent or the communication environment.

- error code=1205

Check if the agent and gateway are connected with a LAN cable. To check this via software, use ping of NetWare. If the communication environment is not faulty, report to maintenance.

- error code=others

Fatal communication error. Report to maintenance.

#### ———— KDDS12201-E

**Severity:** Error      **Component:** dfa/dfa\_s\_gateway

**Text:** Failed to record communication logging: (hh:mm:ss wcode=x rcode=y ecode=zzz)

**Explanation:** While communication logging was in process, an error occurred:

- hh:mm:ss: time error occurred
- wcode: the timing of when error occurred:
  - 1: during initialization
  - 2: during output
  - 3: during termination
- rcode: error type:
  - 1: failed to delete a file
  - 2: failed to write to a file
- ecode:

error type=1

The communication logging file is set to a write prohibition mode. Or, the same named directory as the communication logging file exists.

error type=2

The volume does not have enough space.

**Action:** For ecode type=1, remove the write prohibition mode, or remove the directory with the same name as the communication logging file. For ecode type=2, expand the SYS volume.

———— **KDDS12401-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Message logging file taken.

**Explanation:** ?

**Action:** ?

———— **KDDS12402-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Error logging file taken.

**Explanation:** ?

**Action:** ?

———— **KDDS12403-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Communication logging file taken.

**Explanation:** ?

**Action:** ?

———— **KDDS12404-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Trace file taken.

**Explanation:** ?

**Action:** ?

———— **KDDS12405-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** Dump file taken.

**Explanation:** ?

**Action:** ?

———— **KDDS12407-E**

**Severity:** Notice      **Component:** dfa/dfa\_s\_gateway

**Text:** DFARAS.NLM has different interface version from DFA.NLM.

**Explanation:** ?

**Action:** ?

———— **KDDS22001-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** ( )successfully logged in.

**Explanation:** ?

**Action:** ?

———— **KDDS22002-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Cannot login to DCE

**Explanation:** Cannot enter DCE due to an error in File-Access.

**Action:** Ask File-Access administrator to check if the environment of agent and gateway is normal. If the cause of the error cannot be found, report to maintenance service.

———— **KDDS22003-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client



**Text:** User xxx is not a legitimate File-Access user.

**Explanation:** The logged-in user xxx is not registered with File-Access as a gateway user.

**Action:** Use the gateway administration utility to register the user as a gateway user. Or, enter with a registered user name.

———— **KDDS22004-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Designated aaa(bbb) does not exist in DCE.

**Explanation:** DCE login failed because a DCE user corresponding with the NetWare user is not registered with DCE.

- aaa: NetWare user name
- bbb: DCE user name

**Action:** Use the gateway administration utility to assign a registered DCE user to the NetWare user xxx.

———— **KDDS22005-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Invalid DCE password

**Explanation:** The DCE user corresponding with a NetWare user has an invalid password.

**Action:** Use DSETPASS to correct the password.

———— **KDDS22006-W**

**Severity:** Warning      **Component:** dfa/dfa\_s\_client

**Text:** Already logged in to DCE

**Explanation:** Login was attempted, but DLOGIN command already had the DCE user logged in to DCE.

**Action:** DCE login has been completed. Go to DCE file access.

———— KDDS22007-W

**Severity:** Warning      **Component:** dfa/dfa\_s\_client

**Text:** The number of gateway login users exceeds the limit.

**Explanation:** Login to DCE failed because the number of logged-in users to the gateway has reached the limit.

**Action:** Try later. Contact File-Access administrator if immediate login is required.

———— KDDS22102-E

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** DCE Logout failed.

**Explanation:** Cannot exit DCE due to an error in File-Access.

**Action:** Ask File-Access administrator to check if the environment of agent and gateway is normal. If the cause of the error cannot be found, report to maintenance service.

———— KDDS22105-I

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Server xxx is processing DCE logout.

**Explanation:** ?

**Action:** ?

———— KDDS22201-W

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Invalid old password

**Explanation:** The entered old password does not match the one registered with gateway.

**Action:** Enter a correct password.

———— KDDS22202-W

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Invalid re-entered password

**Explanation:** The new password and the re-entered new password do not match.

**Action:** Run DSETPASS command again.

———— **KDDS22204-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Password change is in progress.

**Explanation:** ?

**Action:** ?

———— **KDDS22205-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Enter old password for xxx:

**Explanation:** ?

**Action:** ?

———— **KDDS22206-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Enter new password for xxx:

**Explanation:** ?

**Action:** ?

———— **KDDS22207-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Re-enter new password for xxx:

**Explanation:** ?

**Action:** ?

———— **KDDS22208-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Password for xxx was changed.

**Explanation:** ?

**Action:** ?

———— **KDDS22209-Q**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** The above gateway shares the same old password as xxx. Do you want to assign the same new password to gateway ? (Y/N)

**Explanation:** When the DSETPASS command changed the password of a NetWare server, DSETPASS command found that the other NetWare server (the server name is displayed prior to this message) has the same old password as the target NetWare server.

**Action:** Enter 'Y' if you want to assign the same new password to the gateway that used to share the same password.

———— **KDDS22210-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Cannot change or check password

**Explanation:** The DSETPASS command cannot change or check the password due to an error in File-Access.

**Action:** Ask File-Access administrator to check if the environment of agent and gateway is normal. If the cause of the error cannot be found, report to maintenance service.

———— **KDDS22301-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Gateway is active on xxx file servers in network.

**Explanation:** ?

**Action:** ?

———— **KDDS22302-W**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** No gateway is active in network.

**Explanation:** ?

**Action:** ?

———— **KDDS22402-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** Communication error

**Explanation:** Communication error occurred between NetWare client and gateway (NetWare server).

**Action:** Check the hardware (for example, LAN board and LAN cable) and the LAN-related software setup as well. If this does not reveal the cause of the error, report to NetWare administrator and File-Access administrator.

———— **KDDS22403-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Gateway is not running on xxx.

**Explanation:** Gateway is not up and running on the selected NetWare server (described by xxx; if the server name is omitted, the currently-logged-in NetWare server is assumed).

**Action:** Select a NetWare server where gateway is up and running.

———— **KDDS22404-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Not logged in to DCE

**Explanation:** DLOGOUT command failed to exit DCE because the selected NetWare server is not being logged in to DCE.

**Action:** Select the NetWare server that is entering DCE.

———— **KDDS22405-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Not logged in to NetWare server

**Explanation:** Not logged in to the selected NetWare server (if the server name is omitted, the currently-logged-in default NetWare server is assumed).

**Action:** Enter a NetWare server, then enter a command.

———— **KDDS22406-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Parameter error: Set one server at a time

**Explanation:** The parameter for DLOGIN command has two or more server names.

**Action:** Set only one server name at a time.

———— **KDDS22407-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Cannot communicate with NetWare server xxx

**Explanation:** The selected NetWare server (described by xxx; if the server name is omitted, the currently-logged-in default NetWare server is assumed) does not exist in the Internet that File-Access is employing.

**Action:** Select a NetWare server that is in Internet used by File-Access.

———— **KDDS22408-W**

**Severity:** Warning      **Component:** dfa/dfa\_s\_client

**Text:** NetWare client ran out of memory.

**Explanation:** The entered command failed due to a memory shortage on the NetWare client.

**Action:** Terminate unnecessary resident programs, then try again.

———— **KDDS22409-E**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Gateway or agent ran out of memory.

**Explanation:** The entered command failed due to a shortage of memory on the NetWare server or the DFS client where agent is running.

**Action:** Terminate unnecessary application programs running on the machines where gateway and agent reside, then try again.

———— **KDDS22410-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** Gateway failed to access file 'bindery'

**Explanation:** Cannot access the bindery of NetWare server due to an I/O error.

**Action:** Report to File-Access administrator.

———— **KDDS22411-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** System error occurred in gateway

**Explanation:** A fatal error occurred in the gateway environment on the NetWare server.

**Action:** Ask File-Access administrator to check the gateway environment.

———— **KDDS22412-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** Connection error occurred between gateway and agent.

**Explanation:** A connection error occurred between gateway on NetWare server and agent on DFS client.

**Action:** Ask File-Access administrator to check the communication line between gateway and agent.

———— **KDDS22414-W**

**Severity:** Warning      **Component:** dfa/dfa\_s\_client

**Text:** Login/logout in progress: No jobs accepted.

**Explanation:** Gateway cannot accept any jobs because DCE login or DCE logout is in progress on gateway.

**Action:** Wait till login/logout is completed, then try again.

———— **KDDS22415-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** Cannot access the DCE login status

**Explanation:** Cannot access the DCE login status due to a program error in File-Access.

**Action:** Ask File-Access administrator to check if the environment of agent or gateway is normal. If the cause of the error cannot be found, report to maintenance service.

———— **KDDS22416-W**

**Severity:** Error            **Component:** dfa/dfa\_s\_client

**Text:** Agent is not running.

**Explanation:** Agent is not up and running on the DCE/DFS client connected to the selected NetWare server (if the server name is omitted, the currently logged-in NetWare server is assumed).

**Action:** Ask File-Access administrator to check the communication line and agent host name.

———— **KDDS22417-E**

**Severity:** Fatal            **Component:** dfa/dfa\_s\_client

**Text:** System error occurred in agent

**Explanation:** A fatal error occurred in the agent environment.

**Action:** Ask File-Access administrator to check the agent environment.

———— **KDDS22418-E**

**Severity:** Fatal            **Component:** dfa/dfa\_s\_client

**Text:** System error occurred in DCE

**Explanation:** A fatal error occurred in DCE where agent is running.

**Action:** Ask DCE administrator to check if DCE and the agent environment are normal.

———— **KDDS23000-W**

**Severity:** Error            **Component:** dfa/dfa\_s\_client

**Text:** No such path or file

**Explanation:** The selected path or file does not exist on the NetWare server.



**Action:** Make sure that the path or file is correct, then try again.

———— **KDDS23001-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** No such path

**Explanation:** The selected path does not exist on the NetWare server.

**Action:** Make sure that the path is correct, then try again.

———— **KDDS23002-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** No such subdirectory

**Explanation:** The selected directory does not have any subdirectories, or there is no corresponding directory for the wildcard.

**Action:** Make sure that the directory has a subdirectory, or a wildcard corresponding to an actual directory.

———— **KDDS23003-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** No such user

**Explanation:** The selected user is not registered with the NetWare system.

**Action:** Make sure that the user name is correct, then try again.

———— **KDDS23004-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** No such group

**Explanation:** The selected group is not registered with the NetWare system.

**Action:** Make sure that the group name is correct, then try again.

———— **KDDS23006-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Local drive was selected: Should be a Network drive.

**Explanation:** An MS-DOS local drive was selected instead of a Network drive.

**Action:** Select a Network drive.

———— **KDDS23007-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Invalid option

**Explanation:** The parameter of a FILER command was invalid.

**Action:** Refer to the grammar displayed, and correct the parameter.

———— **KDDS23008-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Invalid rights list

**Explanation:** The rights list in DGRANT or DREVOKE contains an invalid code.

**Action:** Select from R, W, C, E, M, F, A, and Q for the parameter.

———— **KDDS23009-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** No access right to set rights

**Explanation:** Necessary access right (A) is not granted: the operation to set rights was canceled.

**Action:** Set the necessary access right, then try again.

———— **KDDS23012-W**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Converted path name is too long.

**Explanation:** ?

**Action:** ?

———— **KDDS23014-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Not a gateway user.

**Explanation:** The login user is not a gateway user. Or, the designated name is not registered with File-Access as a user.

**Action:** Enter with a registered user ID, or use the File-Access administration utility to register the login user. Or, change the name to the user name already registered with File-Access.

———— **KDDS23015-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Not logged in to DCE

**Explanation:** Not logged-in to DCE: FILER command failed.

**Action:** Use DLOGIN command or user utility to enter DCE, then try again.

———— **KDDS23016-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** A UFS path was entered: The selected operation is good for LFS only

**Explanation:** An operation allowed only to LFS was attempted on UFS.

**Action:** The selected operation is ignored. If the operation is required, change DFS from UFS to LFS.

———— **KDDS23017-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Client out of memory.

**Explanation:** Client does not have enough memory.

**Action:** Remove unnecessary resident programs from memory.

———— **KDDS23018-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** There are unremovable users or groups.

**Explanation:** Removal attempted, but there are File-Access gateway users or groups (i.e., user\_obj, group\_obj, other\_obj, mask\_obj), who are unremovable.

**Action:** Not required. The above users or groups cannot be deleted.

———— **KDDS23020-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Not a gateway volume

**Explanation:** The NetWare volume connected to the designated drive is not a File-Access gateway volume.

**Action:** Select a File-Access gateway volume.

———— **KDDS23022-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** Not a gateway group

**Explanation:** The selected name is not registered with File-Access as a group.

**Action:** Select a group already registered with File-Access.

———— **KDDS23024-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** The selected name is not registered with DCE User Group.

**Explanation:** A DCE user or group corresponding to the selected name is not registered with DCE.

**Action:** Ask File-Access administrator to use the admin utility to set proper mapping between the selected name and a DCE user group.

———— **KDDS23026-W**

**Severity:** Error      **Component:** dfa/dfa\_s\_client

**Text:** The selected name is not trustee.

**Explanation:** The selected user or group is not a trustee of a directory or file.

**Action:** Select a trustee of a directory or file.

———— **KDDS23100-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** Internal error (nnn)

**Explanation:** An unexpected error (described by nnn) occurred on client or gateway.

**Action:** Report to File-Access administrator.

———— **KDDS23110-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** Connection error

**Explanation:** Connection error occurred in NetWare communication.

**Action:** Ask File-Access administrator to check the status of NetWare.

———— **KDDS23120-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** System error

**Explanation:** A File-Access command for MS-DOS abnormally terminated.

**Action:** Report to File-Access administrator and maintenance service as well.

———— **KDDS23140-E**

**Severity:** Fatal      **Component:** dfa/dfa\_s\_client

**Text:** An unexpected error occurred to gateway or agent (nnn)

**Explanation:** An unexpected fatal error (described by nnn) occurred on gateway, or agent.

**Action:** Report to File-Access administrator.

———— **KDDS23200-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** %-12s Trustee is [%s]

**Explanation:** ?

**Action:** ?

———— **KDDS23300-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Trustee of the access right is [%s].

**Explanation:** ?

**Action:** ?

———— **KDDS23302-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Trustee for %ld files has been changed for %s.

**Explanation:** ?

**Action:** ?

———— **KDDS23304-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Trustee for %ld directories has been changed for %s.

**Explanation:** ?

**Action:** ?

———— **KDDS23400-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** %s %s has been deleted from the trustees for %s.

**Explanation:** ?

**Action:** ?

———— **KDDS23402-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Trustee %s has been deleted from %ld files.

**Explanation:** ?

**Action:** ?

———— **KDDS23404-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client  
**Text:** Trustee %s has been deleted from %ld directories.  
**Explanation:** ?  
**Action:** ?

———— **KDDS23500-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client  
**Text:** No user trustee  
**Explanation:** ?  
**Action:** ?

———— **KDDS23502-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client  
**Text:** No group trustee  
**Explanation:** ?  
**Action:** ?

———— **KDDS23600-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client  
**Text:** Effective right for %s is [%s].  
**Explanation:** ?  
**Action:** ?

———— **KDDS23604-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client  
**Text:** Has right to read files.  
**Explanation:** ?  
**Action:** ?

———— **KDDS23606-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to read files.

**Explanation:** ?

**Action:** ?

———— **KDDS23608-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to write to files.

**Explanation:** ?

**Action:** ?

———— **KDDS23610-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to write to files.

**Explanation:** ?

**Action:** ?

———— **KDDS23612-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to create files and subdirectories.

**Explanation:** ?

**Action:** ?

———— **KDDS23614-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to create files and subdirectories.

**Explanation:** ?

**Action:** ?



———— **KDDS23616-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to delete directories.

**Explanation:** ?

**Action:** ?

———— **KDDS23618-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to delete files.

**Explanation:** ?

**Action:** ?

———— **KDDS23620-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to modify directories.

**Explanation:** ?

**Action:** ?

———— **KDDS23622-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to modify files.

**Explanation:** ?

**Action:** ?

———— **KDDS23624-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to search files.(F)

**Explanation:** ?

**Action:** ?

———— **KDDS23625-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to search files.(F)\*

**Explanation:** ?

**Action:** ?

———— **KDDS23626-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to modify access control list.

**Explanation:** ?

**Action:** ?

———— **KDDS23628-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to modify files and subdirectories.

**Explanation:** ?

**Action:** ?

———— **KDDS23630-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has right to modify files.

**Explanation:** ?

**Action:** ?

———— **KDDS23632-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Not effective in directories or files (denoted by \*)

**Explanation:** ?

**Action:** ?

———— **KDDS23634-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Has all the rights to %s.

**Explanation:** ?

**Action:** ?

———— **KDDS23700-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Subdirectory of %s

**Explanation:** ?

**Action:** ?

———— **KDDS23701-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** Number of subdirectories: %d

**Explanation:** ?

**Action:** ?

———— **KDDS23800-I**

**Severity:** Notice      **Component:** dfa/dfa\_s\_client

**Text:** %s bytes (%4ld files)

**Explanation:** ?

**Action:** ?

**0x173ca00f msg\_s\_bad\_id**

**Severity:** Varies      **Component:** svc

**Text:** Invalid message ID

**Explanation:** A message ID with an invalid technology or component was specified.

**Action:** Correct the programming error.

**0x173ca015 msg\_s\_no\_catalog**

**Severity:** Varies      **Component:** svc

**Text:** Message catalog does not exist

**Explanation:** The message catalog for the specified message ID does not exist.

**Action:** No action may be required; the program will use the default message text.

**0x173ca013 msg\_s\_no\_cat\_open**

**Severity:** Varies      **Component:** svc

**Text:** Cannot open message catalog

**Explanation:** Could not open the message catalog for the specified message ID.

**Action:** Verify that the message code is correct and that the proper message catalogs are available.

**0x173ca014 msg\_s\_no\_cat\_perm**

**Severity:** Varies      **Component:** svc

**Text:** No permission to open message catalog

**Explanation:** Local file permissions prevented the program from opening the message catalog for the specified message ID.

**Action:** No action may be required; program will use the default message text.

**0x173ca011 msg\_s\_no\_default**

**Severity:** Varies      **Component:** svc

**Text:** No default message found

**Explanation:** Could not find the default message for the specified status code in the internal tables.

**Action:** Verify that the status code being used is valid, and try to retrieve text from the message catalog.

**0x173ca010 msg\_s\_no\_memory**

**Severity:** Varies      **Component:** svc

**Text:** Out of memory

**Explanation:** Could not allocate memory for message table, string copy, or other internal requirement.

**Action:** Increase the swap or paging space or acquire more physical memory. Also check the program for bugs that resulted in bad pointers corrupting the heap allocation area.

**0x173ca012 msg\_s\_not\_found**

**Severity:** Varies      **Component:** svc

**Text:** Text for message code not found

**Explanation:** Could not find the text for the specified status code in either the in-core message tables or the message catalogs.

**Action:** Verify that the status code is correct and that the proper message catalogs are available.

**0x00000000 msg\_s\_ok**

**Severity:** Varies      **Component:** svc

**Text:** Successful completion

**Explanation:** Operation performed.

**Action:** None required.

**0x173ca016 msg\_s\_ok\_text**

**Severity:** Varies      **Component:** svc

**Text:** Successful completion

**Explanation:** The operation was performed successfully.

**Action:** None required.

**0x1328302d NIDL\_ACFINIDL**

**Severity:** Varies      **Component:** idl

**Text:** ACF attributes in the IDL file, require the -app\_config command line option

**Explanation:** Placing ACF attributes in the IDL file are extensions to the language, and require the -app\_config command line option.

**Action:** Add -app\_config to the command line

**0x1328302e NIDL\_ANONPIPE**

**Severity:** Varies      **Component:** idl

**Text:** Pipes must be defined with a typedef

**Explanation:** The IDL compiler constructs routine names that are referenced by generated stub code from the name of any <kw>(pipe) data type. Therefore the type cannot be anonymous.

**Action:** Declare the <kw>(pipe) data type with a <kw>(typedef) so the <kw>(pipe) has a name associated with it.

**0x1328302f NIDL\_ANONTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Declaration of %1\$s cannot contain an anonymous type

**Explanation:** The type specification for the parameter, field or <kw>(union) arm <v>(name) contains a data type that is an anonymous <kw>(struct) or <kw>(union). Since such a type is unique and not compatible with any other type, the generated stubs cannot generate code to access the type.

**Action:** Move the <kw>(struct) or <kw>(union) declaration into a <kw>(typedef) and modify the declaration of <v>(name) to use the newly created type name.

**0x13283030 NIDL\_ARMREFPTR**

**Severity:** Varies      **Component:** idl

**Text:** An arm of a union cannot be or contain a [ref] pointer

**Explanation:** IDL-generated server stub code must allocate storage for objects pointed to by <kw>([ref]) pointers. IDL does not allow a <kw>([ref]) pointer within a <kw>(union) because the valid arm of the <kw>(union), and therefore the object for which storage is allocated, is not known at compile time.

**Action:** Change the pointer within the <kw>(union) declaration to a full pointer.

**0x1328312f NIDL\_ARMUNIQUEPTR**

**Severity:** Varies      **Component:** idl

**Text:** An arm of a union cannot be or contain a [unique] pointer

**Explanation:** IDL-generated server stub code must allocate storage for objects pointed to by <kw>([unique]) pointers. IDL does not allow a <kw>([unique]) pointer within a <kw>(union) because the valid arm of the <kw>(union), and therefore the object for which storage is allocated, is not known at compile time.

**Action:** Change the pointer within the <kw>(union) declaration to a full pointer.

**0x13283151 NIDL\_ARRATTRSHR**

**Severity:** Varies      **Component:** idl

**Text:** Array attribute variable cannot be used for both [cs\_char] and non-[cs\_char] arrays

**Explanation:** In a structure or parameter list, any variable which specifies the <kw>([size\_is]) or <kw>([length\_is]) for a <kw>([cs\_char]) array must not be referenced in any attribute of a non-<kw>([cs\_char]) array.

**Action:** Use separate structure fields or operation parameters to specify array attributes for the non-<kw>([cs\_char]) array.

**0x13283035 NIDL\_ARRCFMTDIM**

**Severity:** Varies      **Component:** idl

**Text:** Arrays can be conformant in the first dimension only

**Explanation:** IDL only allows an array to be conformant in its first dimension.

**Action:** Modify the array declaration so dimensions other than the first have fixed bounds.

**0x13283031 NIDL\_ARRELEMCFMT**

**Severity:** Varies      **Component:** idl

**Text:** Array elements cannot be conformant arrays or conformant structures

**Explanation:** Array elements must be of fixed size.

**Action:** If the element type is an array, make sure that the array has fixed bounds. If the element type is a structure, make sure that any arrays in the structure have fixed bounds.

**0x13283032 NIDL\_ARRELEMCTX**

**Severity:** Varies      **Component:** idl

**Text:** Array elements cannot be context handles

**Explanation:** Arrays of context handles are not allowed.

**Action:** Change the definition of the array so its elements are not context handles. If you want to declare an array of context handles, you must use alternative means.

**0x13283033 NIDL\_ARRELEMPIPE**

**Severity:** Varies      **Component:** idl

**Text:** Array elements cannot be pipes

**Explanation:** Array elements cannot be pipes.

**Action:** Change the definition of the array so its elements are not of a <kw>(pipe) data type. If you want to declare an array of pipes, you must use alternative means.

**0x13283138 NIDL\_ARRFUNRES**

**Severity:** Varies      **Component:** idl

**Text:** Array function results are not allowed

**Explanation:** Because array function results are not supported in the C languages, they are not allowed in IDL.

**Action:** Return the required array as an <v>([out]) parameter.

**0x1328315a NIDL\_ARRMULTID**

**Severity:** Varies      **Component:** idl

**Text:** Arrays of [%1\$s] type cannot be multidimensional

**Explanation:** The indicated attribute cannot be applied to a type if there is an array which has this type as base type and the array has more than one dimension.

**Action:** Specify a different base type for the array which has more than one dimension.

**0x13283036 NIDL\_ARRPTRPRM**

**Severity:** Varies      **Component:** idl

**Text:** An array with a pointer attribute is valid only as a parameter



**Explanation:** An array that is a parameter in an operation can have a pointer attribute because arrays are implicitly passed by reference pointer. Otherwise, an array cannot have a pointer attribute.

**Action:** Remove the pointer attribute from the parameter or type definition, or define a new type without a pointer attribute.

**0x13283154 NIDL\_ARRPTRUNIQ**

**Severity:** Varies      **Component:** idl

**Text:** An array with [%1\$s] base type cannot have the [ptr] or [unique] attributes

**Explanation:** If an array parameter has a base type with the indicated attribute, it cannot have <kw>([ptr]) or <kw>([unique]) as parameter attributes.

**Action:** Remove the <kw>([ptr]) or <kw>([unique]) attribute. This implies that the parameter cannot have the value NULL, i.e. it must always point to valid array storage.

**0x13283034 NIDL\_ARRSIZEINFO**

**Severity:** Varies      **Component:** idl

**Text:** Array size information required for %1\$s

**Explanation:** The IDL code uses an array with bounds that are not fixed and does not specify the appropriate size attributes.

**Action:** Modify the array declaration to include the appropriate <kw>([max\_is]) or <kw>([size\_is]) attribute. If the array is a parameter, use an additional parameter to specify size information. If the array is a field in a structure, use an additional field to specify size information. The IDL code uses an array with bounds that are not fixed and does not specify the appropriate size attributes. Modify the array declaration to include the appropriate <kw>([min\_is]), <kw>([max\_is]), or <kw>([size\_is]) attribute. If the array is a parameter, use an additional parameter to specify the missing size information. If the array is a field in a structure, use an additional field to specify the missing size information.

**0x13283037 NIDL\_ARRSYNTAX**

**Severity:** Varies      **Component:** idl

**Text:** Use array syntax to declare multidimensional arrays

**Explanation:** An IDL declaration attempts to use mixed pointer (<kw>(\*)) and array (<kw>([])) syntax to define a multidimensional array. The interpretation that an asterisk

(<kw>(\*)) is used to represent an array is due to the presence of one or more of the <kw>([max\_is]), or <kw>([size\_is]) attributes. It is ambiguous whether size attributes apply to the pointer or the array, thus IDL does not allow mixing pointer and array syntax when size attributes are present.

**Action:** The IDL compiler requires that you make such declarations using only array <kw>([ ]) syntax. If you do not want to declare a multidimensional array, you used the <kw>([max\_is]), or <kw>([size\_is]) attribute incorrectly. They apply only to arrays with bounds that are not fixed, and the declared array has fixed bounds.

**0x1328315b NIDL\_ARRTYPATTR**

**Severity:** Varies      **Component:** idl

**Text:** Arrays of [%1\$s] type can only use the [size\_is] and [length\_is] array attributes

**Explanation:** The indicated attribute cannot be applied to a type if there is an array which has this type as base type and any of the attributes <kw>([min\_is]), <kw>([max\_is]), <kw>([first\_is]), <kw>([last\_is]), or <kw>([string]) has been applied to the array.

**Action:** Use only the <kw>([size\_is]) and/or <kw>([length\_is]) attributes in relevant array declarations, or specify a different base type for the array that has the indicated attribute.

**0x13283038 NIDL\_ARRVARYDIM**

**Severity:** Varies      **Component:** idl

**Text:** Arrays can be varying in the first dimension only

**Explanation:** IDL only allows an array to be varying in its first dimension.

**Action:** Remove the <kw>([first\_is]), <kw>([last\_is]), or <kw>([length\_is]) attributes that refer to dimensions other than the first.

**0x13283039 NIDL\_ARRXMITOPEN**

**Severity:** Varies      **Component:** idl

**Text:** Arrays with [transmit\_as] cannot be conformant or varying

**Explanation:** IDL does not allow a conformant or varying array with the <kw>([transmit\_as]) attribute.

**Action:** Change the declaration so the array is of fixed size and has no data limit attributes, or remove the `<kw>([transmit_as])` attribute.

**0x13283152 NIDL\_ATTROUTCFMTCS**

**Severity:** Varies      **Component:** idl

**Text:** An `[in,size_is]` parameter for an `[out,cs_char]` array cannot be used for other array attributes

**Explanation:** None

**Action:** None

**0x13283139 NIDL\_ATTRPTRVOID**

**Severity:** Varies      **Component:** idl

**Text:** Attribute `[%1$s]` cannot be applied to a `void *` type

**Explanation:** The indicated attribute is not valid on a `<kw>(void *)` type. The only attribute that is meaningful on a `<kw>(void *)` type is `<v>([context_handle])`.

**Action:** Edit the IDL source code to remove the conflict.

**0x1328303a NIDL\_ATTRTRANS**

**Severity:** Varies      **Component:** idl

**Text:** The attribute is no longer allowed in this context; use translator

**Explanation:** An attribute list is encountered in an invalid context. In NCS Version 1 NIDL, attributes are allowed in this position. You may be compiling an NCS Version 1 NIDL source file.

**Action:** If the input is an NCS Version 1 NIDL source file, process it with the `<kw>(nidl_to_idl)` translator utility that converts an NCS Version 1 NIDL source file into the format expected by the IDL compiler. Then compile the translated source file. Otherwise, move the attributes to a valid location.

**0x1328313c NIDL\_ATTRUSEMULT**

**Severity:** Varies      **Component:** idl

**Text:** Attribute cannot be used more than once

**Explanation:** An attribute is repeated multiple times in an attribute list.

**Action:** Remove all but one occurrence of the offending attribute.

**0x1328303b NIDL\_ATTRVALIND**

**Severity:** Varies      **Component:** idl

**Text:** An attribute variable cannot be an indirect field reference

**Explanation:** An indirect field reference is used in a field attribute; indirection is not allowed in this context.

**Action:** Remove the indirection. For example, if the referenced field was `<kw>(long *sp;)` and the attribute expression was `<kw>([size_is(*sp)])`, then change the field to `<kw>(long s;)` and the attribute expression to `<kw>([size_is(s)])`.

**0x1328303c NIDL\_BADTAGREF**

**Severity:** Varies      **Component:** idl

**Text:** Invalid use of tag %1\$s

**Explanation:** You used a previously defined tag name in a declaration of a different type. Tag names can be used for a `<kw>(struct)` or `<kw>(union)` declaration, but not both.

**Action:** Either make sure that each use of the tag name specifies the same type, or use different tag names with each type.

**0x132830a1 NIDL\_BFINTTYPE**

**Severity:** Varies      **Component:** idl

**Text:** A bit field specification can be applied only to simple, integral types

**Explanation:** A bit field specification indicates the bit width of a simple integral type. This cannot be applied to other types such as pointers and structs for obvious reasons.

**Action:** Remove bit field specifications that appear on non-integral simple types.

**0x1328303d NIDL\_BROADCASTPIPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [broadcast] is not valid on an operation with pipes

**Explanation:** IDL does not allow pipes to be used in `<kw>([broadcast])` operations.

**Action:** Remove the <kw>([broadcast]) attribute from the operation, or remove the <kw>(pipe) parameter from the operation.

**0x1328310d NIDL\_BUGNOBUG**

**Severity:** Varies      **Component:** idl

**Text:** Command option -bug %1\$lu conflicts with -no\_bug %2\$lu

**Explanation:** The command line options conflict with each other.

**Action:** Remove one of the conflicting options.

**0x1328303f NIDL\_CASECONENUM**

**Severity:** Varies      **Component:** idl

**Text:** Case label must be a constant from the enumeration of the discriminant

**Explanation:** The value of a <kw>(case) expression in a discriminated <kw>(union) is from a different enumeration data type than the enumeration data type of the discriminator variable in the <kw>(switch) clause.

**Action:** Change the discriminator declaration or the <kw>(case) expression so the enumeration data types match.

**0x1328303e NIDL\_CASEDISCTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Case label type does not agree with discriminator type

**Explanation:** The value of a <kw>(case) expression in a discriminated <kw>(union) is not the same data type as the discriminator variable in the <kw>(switch) clause.

**Action:** Change the discriminator declaration or the <kw>(case) expression so the data types match.

**0x13283040 NIDL\_CFMTARRREF**

**Severity:** Varies      **Component:** idl

**Text:** Structures containing conformant arrays must be passed by reference

**Explanation:** The size of a structure that contains a conformant array is not a compile-time constant. It is not possible to pass such a structure by value.

**Action:** Change the parameter declaration to pass the structure by reference by adding an asterisk (<kw>(\*)) to the left of the parameter name.

**0x13283041 NIDL\_CFMTBASETYP**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be a conformant type

**Explanation:** IDL does not allow pipes of any data type of size that is not fixed.

**Action:** Change your <kw>(pipe) type definition to use a fixed array or some other construct of fixed size.

**0x13283042 NIDL\_CFMTFLDLAST**

**Severity:** Varies      **Component:** idl

**Text:** A conformant field must be the last field in the structure

**Explanation:** The IDL compiler restricts arrays with bounds that are not fixed and that occur in structures to only the last field in the structure.

**Action:** If the structure contains more than one conformant array, remove all but one of them. Move the conformant array so it is the last field in the structure definition.

**0x13283043 NIDL\_CFMTUNION**

**Severity:** Varies      **Component:** idl

**Text:** Conformant array or structure is invalid within a union

**Explanation:** The IDL compiler does not allow an array with bounds that are not fixed in a discriminated <kw>(union). Each member of a <kw>(union) must be of fixed size.

**Action:** It is possible to have a <kw>(union) case that is a full <kw>([ptr]) pointer to a conformant array or conformant structure. Change the declaration and associated code accordingly.

**0x13283002 NIDL\_CMDERR**

**Severity:** Varies      **Component:** idl

**Text:** Use %1\$s for list of command options

**Explanation:** Errors on the command line prevent the IDL compiler from executing.

**Action:** Invoke the IDL compiler with the indicated command option to get a list of valid command options, then correct the error.

**0x1328310f NIDL\_COMMENTEOF**

**Severity:** Varies      **Component:** idl

**Text:** Unterminated comment, end-of-file encountered

**Explanation:** During the processing of a multiline comment, the end of the source file was reached before the termination characters for the comment.

**Action:** Make sure that all multiline comments are correctly terminated.

**0x13283110 NIDL\_COMPABORT**

**Severity:** Varies      **Component:** idl

**Text:** Compilation aborted

**Explanation:** Previous errors caused the compilation to abort.

**Action:** Correct the errors and recompile.

**0x13283044 NIDL\_CONFHANATTR**

**Severity:** Varies      **Component:** idl

**Text:** Interface attributes [auto\_handle] and [implicit\_handle] cannot occur together

**Explanation:** The <kw>([auto\_handle]) and <kw>([implicit\_handle]) attributes are two distinct mechanisms for managing the binding between client and server at runtime. You cannot specify both of these attributes.

**Action:** See the documentation to determine which binding mechanism to use. Then remove one of the conflicting attributes from the interface attribute list in the Attribute Configuration File (ACF).

**0x13283046 NIDL\_CONFLICTATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attributes [%1\$s] and [%2\$s] cannot occur together

**Explanation:** The specified attributes are conflicting and only one or the other can be specified.

**Action:** Remove one of the attributes.

**0x1328310e NIDL\_CONFLICTOPT**

**Severity:** Varies      **Component:** idl

**Text:** Command option %1\$s conflicts with %2\$s

**Explanation:** The command line options conflict with each other.

**Action:** Remove one of the conflicting options.

**0x13283045 NIDL\_CONFLINEATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attributes [in\_line] and [out\_of\_line] cannot occur together

**Explanation:** None

**Action:** None

**0x13283047 NIDL\_CONFREPRTYPE**

**Severity:** Varies      **Component:** idl

**Text:** The [represent\_as] type %1\$s conflicts with previously defined %2\$s

**Explanation:** The attribute configuration file (ACF) contains conflicting <kw>([represent\_as]) clauses for the same data type.

**Action:** Remove one of the <kw>([represent\_as]) clauses for that data type.

**0x13283048 NIDL\_CONSTNOTFND**

**Severity:** Varies      **Component:** idl

**Text:** Constant name: %1\$s not found

**Explanation:** The named <kw>(constant) is not defined.

**Action:** Modify the interface and specify a known constant.

**0x13283166 NIDL\_CONSTRUCTOR**

**Severity:** Varies      **Component:** idl

**Text:** A [cxx\_new] operation must return an interface pointer



**Explanation:** A <kw>([cxx\_new]) operation attribute is used to identify a remote object creator operation. A remote object creator operation must return a pointer to an interface.

**Action:** Insure that the return value for the operation is an <interface-name> \* type.

**0x13283049 NIDL\_CONSTTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Constant type does not agree with constant expression

**Explanation:** You used a constant expression that is inappropriate for the constant type.

**Action:** Modify the constant definition so the expression matches the type.

**0x13283163 NIDL\_CPPCMDOPT**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of C preprocessor directive requires %1\$s

**Explanation:** The IDL compiler detected a C preprocessor directive in a source IDL or ACF file. C preprocessor directives begin in the first column of a source line and start with the '#' character. Either you have specified an IDL command option to disable C preprocessing, or IDL does not invoke the C preprocessor by default on the platform on which you are running.

**Action:** Add the indicated command option to your <kw>(idl) command so that the IDL compiler will invoke the C preprocessor to preprocess source IDL and ACF files before they are parsed.

**0x13283153 NIDL\_CSARRSYN**

**Severity:** Varies      **Component:** idl

**Text:** A [size\_is] or [max\_is] attribute cannot be applied to a pointer to a [cs\_char] type

**Explanation:** The <kw>([cs\_char]) ACF attribute cannot be applied to a type which is the target of a pointer with the <kw>([size\_is]) or <kw>([max\_is]) attribute.

**Action:** Use an array of <kw>([cs\_char]) instead of pointer to array of <kw>([cs\_char]), or use a pointer to a structure which contains a conformant array of <kw>([cs\_char]).

**0x13283050 NIDL\_CTXBASETYP**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be a [context\_handle] type

**Explanation:** A <kw>([context\_handle]) type cannot be used as the base type of a <kw>(pipe).

**Action:** Remove the invalid declaration, or change it so the base type of the <kw>(pipe) is not a <kw>([context\_handle]) type.

**0x13283051 NIDL\_CTXPTRVOID**

**Severity:** Varies      **Component:** idl

**Text:** Attribute [context\_handle] only applies to void \* types

**Explanation:** The attribute <kw>([context\_handle]) indicates that the data is a pointer-sized object that serves as the handle, or method of accessing, some object. To the called operation, the data is often an address of a structure in memory, although it need not be. A context handle is opaque to, and must never be written by, the caller code. To emphasize this, IDL previously required that context handles be defined as type <kw>(void \*). IDL has since been relaxed to also allow a context handle type to be defined as a pointer to a structure type by tag name, e.g. <v>(typedef [context\_handle] struct opaque\_struct \* opaque\_ch\_t).

**Action:** Change the declaration with the <kw>([context\_handle]) attribute to data type <kw>(void \*) or to a <kw>(struct \*) data type similar to the example above.

**0x13283052 NIDL\_CTXSTRFLD**

**Severity:** Varies      **Component:** idl

**Text:** Context handles are not valid as structure fields

**Explanation:** A context handle is not allowed as a field of a structure.

**Action:** Pass a context handle as a separate parameter to an operation, rather than embedding it as a field of a structure.

**0x13283053 NIDL\_CTXUNIMEM**

**Severity:** Varies      **Component:** idl

**Text:** Context handle is not valid as a member of a union

**Explanation:** A context handle cannot be a member of a <kw>(union).

**Action:** Pass a context handle as a separate parameter to an operation, rather than embedding it as a member of a <kw>(union).

**0x13283145 NIDL\_DECINONLY**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Operation with [decode] has [in]-only parameter %1\$s

**Explanation:** The client stub for an operation with the <kw>([decode]) attribute decodes encoded data into operation parameters with the <kw>([out]) attribute. Parameters with only the <kw>([in]) attribute are ignored.

**Action:** If any client will encode the data by applying the <kw>([encode]) attribute to the operation, the operation must contain all <kw>([in,out]) parameters except for the binding handle parameter.

**0x13283142 NIDL\_DECNOPARAMS**

**Severity:** Varies      **Component:** idl

**Text:** Operation with [decode] must have at least one [out] or [in,out] parameter

**Explanation:** The client stub for an operation with the <kw>([decode]) ACF attribute decodes a data stream into the operation's <kw>([out]) and <kw>([in,out]) parameters. The <kw>([decode]) attribute is not meaningful on an operation with only <kw>([in]) parameters.

**Action:** Perhaps you meant to use the <kw>([encode]) attribute on the operation. If not, either remove the <kw>([decode]) attribute or add the <kw>([out]) attribute to one or more parameters.

**0x13283003 NIDL\_DEFAUTOHAN**

**Severity:** Varies      **Component:** idl

**Text:** Operation %1\$s has no binding handle parameter; [auto\_handle] assumed

**Explanation:** When an operation uses parametric binding, its first parameter is a handle parameter that determines the location of a server of the interface. Operations whose first parameter is not of type <kw>(handle\_t) and does not have the <kw>([handle]) attribute are assumed to use nonparametric binding known as <kw>(auto\_handle), whereby a binding is automatically established by the RPC runtime library.

**Action:** See the documentation on the various binding techniques to determine the best method for your application.

**0x13283054 NIDL\_DEFNOTCOMP**

**Severity:** Varies      **Component:** idl

**Text:** Definition of tag %1\$s is not yet complete

**Explanation:** The tag <v>(name) is forward referenced in a context that requires it to be completely defined. References to <kw>(struct) or <kw>(union) types by means of tag name before the <kw>(struct) or <kw>(union) is completely defined is only allowed in contexts in which the size is not needed (a pointer to the type or in a <kw>(typedef)). Although IDL can process such references, the resulting stub cannot be compiled by most C compilers.

**Action:** Move the declaration of the <kw>(struct) or <kw>(union) prior to this reference.

**0x1328316e NIDL\_DELEGATENOTVAL**

**Severity:** Varies      **Component:** idl

**Text:** ACF attribute [cxx\_delegate] is only valid for -lang cxx

**Explanation:** The ACF <kw>([cxx\_delegate]) interface attribute only pertains to interfaces that are compiled with the <kw>(-lang cxx) IDL compiler option.

**Action:** If your application code is written in C++, then you must use the <kw>(-lang cxx) option to the IDL compiler in order to enable generation of C++ header file and stub files. Otherwise, edit the <v>(interface-name).acf file, and remove the <kw>([cxx\_delegate]) attribute.

**0x1328311c NIDL\_DISCRIMIN**

**Severity:** Varies      **Component:** idl

**Text:** An [in] or [in,out] union must have an [in] discriminator

**Explanation:** A nonencapsulated union parameter that has the <kw>([in]) attribute must have a discriminator, specified in a <kw>([switch\_is]) clause, that also has the <kw>([in]) attribute, since the client stub code must know which member of the union to send to the server.

**Action:** Modify the parameter referenced in the <kw>([switch\_is]) clause to have the <kw>([in]) attribute.

**0x1328311d NIDL\_DISCRIMOUT**

**Severity:** Varies      **Component:** idl

**Text:** An [in,out] or [out] union must have an [out] discriminator

**Explanation:** A nonencapsulated union parameter that has the <kw>([out]) attribute must have a discriminator, specified in a <kw>([switch\_is]) clause, that also has the <kw>([out]) attribute, since the server stub code must know which member of the union to send to the client.

**Action:** Modify the parameter referenced in the <kw>([switch\_is]) clause to have the <kw>([out]) attribute.

**0x1328311e NIDL\_DISCRIMREPAS**

**Severity:** Varies      **Component:** idl

**Text:** A [switch\_is] variable must not have a [represent\_as] type

**Explanation:** The parameter or field referenced in a <kw>([switch\_is]) clause must not be of a data type that has been declared to have a <kw>([represent\_as]) type.

**Action:** Change the referenced parameter or field data type, or the data type definition itself.

**0x1328311f NIDL\_DISCRIMXMITAS**

**Severity:** Varies      **Component:** idl

**Text:** A [switch\_is] variable must not have a [transmit\_as] type

**Explanation:** The parameter or field referenced in a <kw>([switch\_is]) clause must not be of a data type that has been declared to have a <kw>([transmit\_as]) type.

**Action:** Change the referenced parameter or field data type, or the data type definition itself.

**0x13283055 NIDL\_DUPCASEVAL**

**Severity:** Varies      **Component:** idl

**Text:** Duplicate case label value

**Explanation:** A discriminated <kw>(union) contains more than one <kw>(case) label with the same value. Each <kw>(case) label value in a discriminated <kw>(union) can be used at most once.

**Action:** Remove one of the conflicting <kw>(case) labels.

**0x1328314e NIDL\_DUPPRMATTR**

**Severity:** Varies      **Component:** idl

**Text:** The [%1\$s] attribute cannot be duplicated in the same parameter list

**Explanation:** The named attribute cannot be applied twice in the same parameter list.

**Action:** Make sure that only one parameter in the operation's parameter list has the attribute applied to it. The attribute is specified either in the source IDL or source ACF file.

**0x13283016 NIDL\_DUPPROTOCOL**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Duplicate Protocol specification in endpoint list; \"%1\$s\" ignored

**Explanation:** Each protocol can be listed at most once in the endpoint list. The specified endpoint specification duplicates another endpoint specification and is ignored.

**Action:** Use each protocol at most once in the endpoint list.

**0x13283148 NIDL\_ENCDECBIND**

**Severity:** Varies      **Component:** idl

**Text:** Operation with [encode] or [decode] must use explicit binding

**Explanation:** An operation with either of the <kw>([encode]) or <kw>([decode]) attributes may not use automatic, customized, or implicit binding.

**Action:** Edit the IDL operation definition to have an item of type <v>(handle\_t) as its first argument, or edit the ACF operation declaration to include the <kw>([explicit\_handle]) attribute.

**0x13283146 NIDL\_ENCDECDIR**

**Severity:** Varies      **Component:** idl

**Text:** Operation with [encode,decode] must have all [in,out] parameters

**Explanation:** The client stub for an operation with the <kw>([encode,decode]) attributes can encode the operation's parameters into a data stream and subsequently

decode the data back into parameters. This only makes sense if the decoded data, i.e. the <kw>([out] parameters, agrees with the originally encoded <kw>([in] parameters.

**Action:** The operation must contain all <kw>([in,out]) parameters except for the binding handle parameter.

**0x13283147 NIDL\_ENCDECIPIE**

**Severity:** Varies      **Component:** idl

**Text:** Operation with [encode] or [decode] may not contain pipe parameters

**Explanation:** The IDL encoding services do not support pipes.

**Action:** Use arrays to represent the data, or utilize multiple procedure calls to encode or decode the data.

**0x13283141 NIDL\_ENCNOPARAMS**

**Severity:** Varies      **Component:** idl

**Text:** Operation with [encode] must have at least one [in] or [in,out] parameter

**Explanation:** The client stub for an operation with the <kw>([encode]) ACF attribute encodes the operation's <kw>([in]) and <kw>([in,out]) parameters into a data stream. The <kw>([encode]) attribute is not meaningful on an operation with only <kw>([out]) parameters (excluding the binding handle parameter).

**Action:** Perhaps you meant to use the <kw>([decode]) attribute on the operation. If not, either remove the <kw>([encode]) attribute or add the <kw>([in]) attribute to one or more parameters.

**0x13283144 NIDL\_ENCOUTONLY**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Operation with [encode] has [out]-only parameter %1\$s

**Explanation:** The client stub for an operation with the <kw>([encode]) attribute encodes all of the operation parameters with the <kw>([in]) attribute. Parameters with only the <kw>([out]) attribute are ignored.

**Action:** If any client will decode the encoded information by applying the <kw>([decode]) attribute to the operation, the operation must contain all <kw>([in,out]) parameters except for the binding handle parameter.

**0x13283017 NIDL\_ENDPOINTSYNTAX**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Syntax error in endpoint specification \"%1\$s\"

**Explanation:** The syntax of the string describing the endpoint must be of the form <v>(protocol:[endpoint]). Although not in the expected format, the string <v>(endpoint) is assumed to be the desired endpoint specification and is put into the generated stubs.

**Action:** Correct the syntax of the <kw>(endpoint) specification.

**0x13283056 NIDL\_EOF**

**Severity:** Varies      **Component:** idl

**Text:** Unexpected end-of-file

**Explanation:** The end of the source file was encountered before the end of the interface definition. The source file may be incomplete.

**Action:** Complete the interface definition.

**0x13283057 NIDL\_EOFNEAR**

**Severity:** Varies      **Component:** idl

**Text:** Unexpected end-of-file near '%2\$.\*1\$s'

**Explanation:** The end of the source file was encountered before the end of the interface definition. The source file may be incomplete.

**Action:** Complete the interface definition.

**0x13283058 NIDL\_ERRINATTR**

**Severity:** Varies      **Component:** idl

**Text:** Syntax error in attribute list

**Explanation:** The syntax of the attribute list is not correct. It must contain a list of attributes separated by commas.

**Action:** Make sure the attribute list contains only valid attribute names and values, that their spellings are correct, and that they form a valid list.



**0x13283059 NIDL\_ERRSTATDEF**

**Severity:** Varies      **Component:** idl

**Text:** Data type %1\$s must be defined in %2\$s

**Explanation:** You used a feature that requires a predefined data type that is normally present by default, but the data type was not found. An examples is a <kw>([comm\_status]) or <kw>([fault\_status]) parameter, which requires the data type <kw>(error\_status\_t).

**Action:** The compiler expected to find the type in the indicated file (usually <kw>(nbase.idl), which is automatically imported by IDL). Check that you are using the proper header files that were installed with DCE.

**0x13283120 NIDL\_EUMEMATTR**

**Severity:** Varies      **Component:** idl

**Text:** An encapsulated union member cannot have the [%1\$s] attribute

**Explanation:** The attribute used is valid only on nonencapsulated unions, but was used on an encapsulated union.

**Action:** Remove the attribute. Consult the documentation for the differences between encapsulated and nonencapsulated unions.

**0x13283149 NIDL\_EXCNOTDEF**

**Severity:** Varies      **Component:** idl

**Text:** Exception name %1\$s referenced in ACF is not defined

**Explanation:** An exception name is referenced in an Attribute Configuration File (ACF) but is not defined in the corresponding IDL file. Exceptions are not imported, so in order to reference an exception name in the ACF for a particular interface it must be defined in the IDL file for that same interface.

**Action:** Check for typographical errors in both the IDL and ACF files. If necessary, add the exception name to the source IDL file using the [exceptions] interface attribute, or move the ACF reference to the ACF file corresponding to the interface in which the exception name is defined.

**0x13283018 NIDL\_EXTRAPUNCT**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Extraneous punctuation character \"%1\$s\" ignored

**Explanation:** A punctuation character was found in a location where it is not allowed in the IDL language syntax.

**Action:** If it is only an extra punctuation character, remove it. If the character appears correct, then the error may be caused by another nearby syntax error. Correct the other syntax errors and recompile the interface.

**0x1328305a NIDL\_FILENOTDIR**

**Severity:** Varies      **Component:** idl

**Text:** File is not a directory: %1\$s

**Explanation:** A file that is not a directory is specified in a context where a directory is required; for example, as the command line option that specifies an output directory.

**Action:** Specify a filename that is a directory.

**0x1328305b NIDL\_FILENOTFND**

**Severity:** Varies      **Component:** idl

**Text:** File %1\$s not found

**Explanation:** A file, specified by the user either in the IDL source or ACF file, does not exist.

**Action:** Check the filenames you specified. Determine the location of any imported or included files that are needed to compile the IDL source file specified. If any are not in the directories that the IDL compiler searches by default, you must use a command line option to specify additional directories to search.

**0x13283004 NIDL\_FILESOURCE**

**Severity:** Varies      **Component:** idl

**Text:** File %1\$s, line %2\$lu: %3\$s

**Explanation:** Identifies the filename, source line number, and source text associated with an error.

**Action:** None. This is an informational message.

**0x1328314b NIDL\_FILESPECREQ**

**Severity:** Varies      **Component:** idl

**Text:** File specification required for %1\$s

**Explanation:** The indicated IDL command option requires a file specification.

**Action:** Supply a file specification following the option.

**0x1328305c NIDL\_FIRSTINATTR**

**Severity:** Varies      **Component:** idl

**Text:** The [first\_is] parameter must have the [in] attribute

**Explanation:** The <kw>([first\_is]) attribute specifies a parameter that contains the lower data limit of a varying array. Since the array has the <kw>([in]) attribute, the lower data limit parameter must also be <kw>([in]) so the number of array elements to send from client to server is known.

**Action:** Change the lower data limit parameter referenced by the <kw>([first\_is]) clause to have the <kw>([in]) attribute.

**0x1328305d NIDL\_FIRSTYPEINT**

**Severity:** Varies      **Component:** idl

**Text:** A [first\_is] variable must be a small, short, or long integer

**Explanation:** The <kw>([first\_is]) attribute specifies a field or parameter that contains the lower data limit of a varying array. Array data limits must be integers which are not <kw>(hyper).

**Action:** Change the data limit field or parameter referenced by the <kw>([first\_is]) clause to integer data type.

**0x1328312d NIDL\_FLDXMITCFMT**

**Severity:** Varies      **Component:** idl

**Text:** A structure field cannot be of a presented type for which the transmitted type is conformant

**Explanation:** IDL does not allow a structure field whose type has a <kw>([transmit\_as]) attribute where the transmissible type is conformant.

**Action:** Use a valid IDL construct.

**0x1328305e NIDL\_FLOATCONSTNOSUP**

**Severity:** Varies      **Component:** idl

**Text:** Floating point constants not supported

**Explanation:** Floating point constants cannot be specified in IDL.

**Action:** Remove the <kw>(float) constant specification.

**0x13283005 NIDL\_FLOATPROM**

**Severity:** Varies      **Component:** idl

**Text:** Must compile stubs with ANSI C compiler to avoid promotion of float to double in operation %1\$s

**Explanation:** The operation contains a <kw>(float) parameter passed by value. Non-ANSI C compilers that do not support function prototypes, automatically promote <kw>(float) to <kw>(double). Function prototypes within generated C stubs are conditional on the IDL\_PROTOTYPES preprocessor symbol. When you compile a stub with a non-ANSI C compiler, IDL\_PROTOTYPES must not be defined (causing the non-prototyped definitions to compile) and thus causing <kw>(float) to <kw>(double) promotion. This breaks the marshalling logic in the stub, that expects a <kw>(float), not a <kw>(double).

**Action:** Problems do not occur as long as you compile stubs with an ANSI C compiler. However, to maximize portability, it is highly recommended that you modify any <kw>(float) parameter passed passed by value or a <kw>(float) passed by reference. This message is informational.

**0x1328305f NIDL\_FPCFMTARR**

**Severity:** Varies      **Component:** idl

**Text:** Function pointers are not valid as elements of conformant arrays

**Explanation:** None

**Action:** None

**0x13283019 NIDL\_FPHANATTR**

**Severity:** Varies      **Component:** idl

**Text:** Warning: The [handle] attribute of a parameter in a function pointer declaration is ignored

**Explanation:** None

**Action:** None

**0x13283061 NIDL\_FPHANPRM**

**Severity:** Varies      **Component:** idl

**Text:** Function pointer parameters cannot be of type handle\_t

**Explanation:** None

**Action:** None

**0x13283062 NIDL\_FPINPRM**

**Severity:** Varies      **Component:** idl

**Text:** Function pointers in an operation must be [in] parameters

**Explanation:** None

**Action:** None

**0x13283060 NIDL\_FPLOCINT**

**Severity:** Varies      **Component:** idl

**Text:** Function pointers are allowed only in local interfaces

**Explanation:** None

**Action:** None

**0x13283063 NIDL\_FPPIPEBASE**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be a function pointer

**Explanation:** None

**Action:** None

**0x13283064 NIDL\_FPSTRELD**

**Severity:** Varies      **Component:** idl

**Text:** Function pointers are not valid as structure fields

**Explanation:** None

**Action:** None

**0x13283065 NIDL\_FPUNIMEM**

**Severity:** Varies      **Component:** idl

**Text:** Function pointers are not valid as members of unions

**Explanation:** None

**Action:** None

**0x13283066 NIDL\_FUNTYPDCL**

**Severity:** Varies      **Component:** idl

**Text:** Function types are allowed only in local interfaces

**Explanation:** None

**Action:** None

**0x1328313b NIDL\_FWDTAGREF**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Forward tag reference %1\$s in this declaration is not ANSI C compliant

**Explanation:** A tag reference, such as <kw>(struct tagname), was used before the actual definition of the tag. Such references are not ANSI C compliant when used in certain scopes, such as in a parameter declaration. Thus the C source modules generated by the IDL compiler might not compile successfully.

**Action:** Define the type that is referenced by tag name before referencing it in a parameter declaration.

**0x13283067 NIDL\_HANARRELEM**

**Severity:** Varies      **Component:** idl

**Text:** Array elements cannot be of type handle\_t

**Explanation:** Data type <kw>(handle\_t) is only meaningful when used as the data type of the first parameter in an operation. It is used to establish a binding to a server of the interface.

**Action:** Do not declare arrays of type <kw>(handle\_t).

**0x1328313a NIDL\_HANATTRTRAN**

**Severity:** Varies      **Component:** idl

**Text:** The [handle] attribute is valid only on transmittable types

**Explanation:** The <v>([handle]) attribute was used on a type that is not transmittable, such as <v>(handle\_t). Types with <v>([handle]) are sent from client to server and must have a concrete definition so that they are transmittable.

**Action:** Remove the <v>([handle]) attribute or change the base type to which it is applied.

**0x13283158 NIDL\_HANCTYPE**

**Severity:** Varies      **Component:** idl

**Text:** A [handle] binding parameter cannot contain a [%1\$s] type

**Explanation:** A customized binding handle (a type with the <kw>([handle]) attribute used as the first parameter in an operation) cannot include types with the indicated attribute.

**Action:** Do not use the indicated attribute with customized binding.

**0x13283068 NIDL\_HANDLEIN**

**Severity:** Varies      **Component:** idl

**Text:** A [handle] binding parameter must be [in] or [in,out]

**Explanation:** A parameter of a data type with the <kw>([handle]) attribute as the first parameter in an operation is used to establish a binding to a server of the interface. It must be an <kw>([in]) or <kw>([in,out]) parameter.

**Action:** Place the <kw>([in]) attribute on the <kw>([handle]) parameter.

**0x13283069 NIDL\_HANDLEPTR**

**Severity:** Varies      **Component:** idl

**Text:** Pointers to type handle\_t are valid only in parameter declarations

**Explanation:** Data type <kw>(handle\_t) is only meaningful when used as the data type of the first parameter in an operation. It is used to establish a binding to a server of the interface.

**Action:** Do not declare a pointer to data type <kw>(handle\_t), except as a parameter.

**0x1328306a NIDL\_HANFIRSTPRM**

**Severity:** Varies      **Component:** idl

**Text:** A handle\_t as other than the first parameter requires a [transmit\_as]

**Explanation:** Data type <kw>(handle\_t) is only meaningful when used as the data type of the first parameter in an operation. A bound handle is used to deliver the call to the correct server of the interface. A bound <kw>(handle\_t) parameter itself is not transmittable. When the <kw>(handle\_t) type is used in other than the first parameter, it must have a <kw>([transmit\_as]) clause to convert it to a transmittable type.

**Action:** Use data type <kw>(handle\_t) only as the data type of the first parameter in an operation, unless the defined data type has a <kw>([transmit\_as]) clause.

**0x1328306b NIDL\_HANPIPEBASE**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be handle\_t

**Explanation:** Data type <kw>(handle\_t) is only meaningful when used as the data type of the first parameter in an operation. It is used to establish a binding to a server of the interface.

**Action:** Do not declare pipes whose base type is <kw>(handle\_t).

**0x1328306c NIDL\_HANPRMIN**

**Severity:** Varies      **Component:** idl

**Text:** A handle\_t binding parameter must be an [in] parameter

**Explanation:** A parameter of type <kw>(handle\_t) as the first parameter in an operation establishes a binding to a server of the interface. It must be an <kw>([in]) parameter only.

**Action:** Remove the <kw>([out]) attribute from the <kw>(handle\_t) parameter.



**0x1328306d NIDL\_HANSTRFLD**

**Severity:** Varies      **Component:** idl

**Text:** Structure fields cannot be of type handle\_t

**Explanation:** Data type <kw>(handle\_t) is only meaningful when used as the data type of the first parameter in an operation. It is used to establish a binding to a server of the interface.

**Action:** Do not declare structure fields of data type <kw>(handle\_t).

**0x1328306e NIDL\_HANUNIMEM**

**Severity:** Varies      **Component:** idl

**Text:** Members of unions cannot be of type handle\_t

**Explanation:** Data type <kw>(handle\_t) is only meaningful when used as the data type of the first parameter in an operation. It is used to establish a binding to a server of the interface.

**Action:** Do not declare <kw>(union) members of data type <kw>(handle\_t).

**0x1328306f NIDL\_HANXMITAS**

**Severity:** Varies      **Component:** idl

**Text:** A handle\_t first parameter must not have [transmit\_as] type

**Explanation:** A parameter of type <kw>(handle\_t), when used as the data type of the first parameter in an operation, is used to establish a binding to a server of the interface. It is not sent over the wire, therefore it is incorrect for it to have a <kw>([transmit\_as]) data type.

**Action:** Remove the <kw>([transmit\_as]) clause from the type's declaration.

**0x1328304a NIDL\_HYPERCONST**

**Severity:** Varies      **Component:** idl

**Text:** A hyper constant type is not allowed

**Explanation:** <kw>(hyper) constant is not allowed.

**Action:** Modify the <kw>(constant) type to one of the supported types: <kw>(long, char, boolean, void \*,) or <kw>(char \*).

**0x13283070 NIDL\_IDEMPIPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [idempotent] is not valid on an operation with pipes

**Explanation:** An operation that uses pipes cannot be idempotent, because the <kw>(pipe) data stream can break at unpredictable times.

**Action:** Remove the <kw>([idempotent]) attribute from the operation, or remove the <kw>(pipe) parameter from the operation.

**0x1328301a NIDL\_IDTOOLONG**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Identifier: %1\$s too long; maximum is %2\$lu chars

**Explanation:** The length identifier exceeds the maximum number of characters allowed by IDL for portability.

**Action:** Shorten the identifier name to within the allowed limit. Make sure the shortened identifier name is unique.

**0x13283071 NIDL\_IGNARRELEM**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [ignore] on array elements is not allowed

**Explanation:** The <kw>([ignore]) attribute is not allowed on array elements

**Action:** Remove the <kw>([ignore]) attribute from the relevant declaration.

**0x13283072 NIDL\_IGNATTRPTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [ignore] is valid only for pointers

**Explanation:** The <kw>([ignore]) attribute is valid only for pointers.

**Action:** Remove the <kw>([ignore]) attribute from the declaration.

**0x13283073 NIDL\_ILLFIELDATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [%1\$s] on a field is not allowed

**Explanation:** The specified attribute is not valid on a field.

**Action:** Remove the attribute.

**0x13283077 NIDL\_ILLINTATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [%1\$s] on an interface is not allowed

**Explanation:** The specified attribute is not valid on a interface declaration.

**Action:** Remove the attribute.

**0x13283078 NIDL\_ILLMEMATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [%1\$s] on a union member is not allowed

**Explanation:** The specified attribute is not valid on a <kw>(union) member declaration.

**Action:** Remove the attribute.

**0x13283076 NIDL\_ILLOPATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [%1\$s] on an operation is not allowed

**Explanation:** The specified attribute is not valid on an operation.

**Action:** Remove the attribute.

**0x13283074 NIDL\_ILLPARAMATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [%1\$s] on a parameter is not allowed

**Explanation:** The specified attribute is not valid on a parameter declaration.

**Action:** Remove the attribute.

**0x13283075 NIDL\_ILLTYPEATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [%1\$s] on a type is not allowed

**Explanation:** The specified attribute is not valid on a type declaration.

**Action:** Remove the attribute.

**0x13283079 NIDL\_IMPHANVAR**

**Severity:** Varies      **Component:** idl

**Text:** An [implicit\_handle] variable must either be of type handle\_t or have the handle attribute

**Explanation:** The <kw>([implicit\_handle]) variable declared in the ACF must be a handle, either a primitive handle of data type <kw>(handle\_t); or a customized handle, a data type with the <kw>([handle]) attribute.

**Action:** Specify a valid handle data type for the <kw>([implicit\_handle]).

**0x13283006 NIDL\_IMPORTIDL**

**Severity:** Varies      **Component:** idl

**Text:** Importing IDL file %1\$s

**Explanation:** None

**Action:** None

**0x1328307a NIDL\_IMPORTLOCAL**

**Severity:** Varies      **Component:** idl

**Text:** A nonlocal interface cannot import a local interface

**Explanation:** The <kw>([local]) interface attribute implies that the interface is not part of an RPC application, but used only to generate header files. This causes IDL to suppress any errors specific to RPC that the interface uses as part of an RPC application.

**Action:** Remove the <kw>([local]) attribute from the imported interface definition. The imported interface does not need a UUID unless the interface defines an operation and you compile it independently.

**0x13283007 NIDL\_INCLCREATE**

**Severity:** Varies      **Component:** idl

**Text:** Creating include file %1\$s

**Explanation:** None

**Action:** None

**0x1328301c NIDL\_INCLTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Warning: ACF include statement advised for definition of type %1\$s

**Explanation:** An Attribute Configuration File (ACF) declares a type that is not defined in an IDL file. The type is referenced in the generated stub code, thus its definition needs to be included into the stub code as well.

**Action:** Place an <kw>(include) statement in the ACF to cause your module that defines the type to be included into the generated header file.

**0x1328301b NIDL\_INCLUDEEXT**

**Severity:** Varies      **Component:** idl

**Text:** Warning: include filename must not contain a file extension

**Explanation:** The filename specified in an <kw>(include) statement in the Attribute Configuration File (ACF) must not contain a file extension. In a future IDL version, you will be able to specify a programming language, and the IDL compiler will automatically append the appropriate extension.

**Action:** Remove the file extension. The current IDL compiler always assumes an <kw>(.h) extension.

**0x1328307b NIDL\_INCOMPATV1**

**Severity:** Varies      **Component:** idl

**Text:** V1 attributes are incompatible with this type

**Explanation:** The version 1 migration attributes are provided for compatibility for applications that were originally written with NCS Version 1 NIDL. These attributes are <kw>([v1\_string]), <kw>([v1\_array]), <kw>([v1\_enum]), and <kw>([v1\_struct]). In later versions of IDL, strings, conformant and varying arrays, enumerations, and structures are enhanced at the network representation level. A data type with any of the V1 migration attributes cannot contain one of these data types that does not have the corresponding V1 attribute.

**Action:** Change the data type declaration so all relevant contained types have the corresponding V1 attribute, or remove V1 attributes if compatibility with NCS Version 1 NIDL is unnecessary.

**0x1328316d NIDL\_INHERITNOTDEF**

**Severity:** Varies      **Component:** idl

**Text:** Inherited interfaces must be imported: %1\$s

**Explanation:** No definition for the inherited interface identified by the inheritance operator was found.

**Action:** If your application code is using interface inheritance, then you must import a definition for the inherited interface. Otherwise, edit the <v>(interface-name).idl file, and remove any uses of the inheritance ':' operator.

**0x1328316c NIDL\_INHERITNOTVAL**

**Severity:** Varies      **Component:** idl

**Text:** IDL inheritance operator ':' is only valid for -lang cxx

**Explanation:** The Inheritance operator ':' is only valid for interfaces that are compiled with the <kw>(-lang cxx) IDL compiler option.

**Action:** If your application code is written in C++ and using interface inheritance, then you must use the <kw>(-lang cxx) option to the IDL compiler in order to enable generation of C++ header file and stub files with inheritance. Otherwise, edit the <v>(interface-name).idl file, and remove any uses of the inheritance ':' operator.

**0x1328307c NIDL\_INTCODEATTR**

**Severity:** Varies      **Component:** idl

**Text:** Interface attributes [code] and [nocode] cannot occur together

**Explanation:** The <kw>([code]) or <kw>([nocode]) attribute on an interface establishes the default for operations in the interface. You can specify only one of these attributes.

**Action:** Remove one of the conflicting attributes.

**0x13283081 NIDL\_INTCONSTINVAL**

**Severity:** Varies      **Component:** idl

**Text:** Integer constant %1\$s is invalid

**Explanation:** The integer contains incorrect characters.

**Action:** Correct the specification of the integer.

**0x1328307d NIDL\_INTDIVBY0**

**Severity:** Varies      **Component:** idl

**Text:** Integer division by zero

**Explanation:** The evaluation of an integer constant expression resulted in an integer divided by zero.

**Action:** Correct the expression so a division by zero does not occur.

**0x13283111 NIDL\_INTERNAL\_ERROR**

**Severity:** Varies      **Component:** idl

**Text:** Internal IDL compiler error: Module %1\$s, Line %2\$lu

**Explanation:** An internal IDL compiler error was found.

**Action:** Submit a Software Performance Report and notify your software support representative so the appropriate action can be taken.

**0x1328307e NIDL\_INTLINEATTR**

**Severity:** Varies      **Component:** idl

**Text:** Interface attributes [in\_line] and [out\_of\_line] cannot occur together

**Explanation:** The <kw>([in\_line]) or <kw>([out\_of\_line]) attribute on an interface establishes the default for types in the interface. You can specify only one of these attributes.

**Action:** Remove one of the conflicting attributes.

**0x1328307f NIDL\_INTNAMDIF**

**Severity:** Varies      **Component:** idl

**Text:** ACF interface name %1\$s differs from IDL interface name %2\$s

**Explanation:** The interface name in an interface's Attribute Configuration File must be identical to the interface name in the IDL source.

**Action:** Change the ACF to use the correct interface name.

**0x13283080 NIDL\_INTOVERFLOW**

**Severity:** Varies      **Component:** idl

**Text:** Integer value overflows %1\$s

**Explanation:** The integer value specified is too large to be contained in the destination of size <v>(size).

**Action:** Either reduce the size of the integer value, or increase the size of the destination declaration.

**0x13283167 NIDL\_INTREFNOTALO**

**Severity:** Varies      **Component:** idl

**Text:** Interface reference %1\$s allowed only as target of a \* or & pointer

**Explanation:** When an IDL interface is compiled with <kw>(-lang cxx), the interface name also implicitly defines a type, similar to a C++ class. Pointers to or references to this interface type may be used elsewhere in the interface. Any other uses of this type are not valid.

**Action:** Change the declaration to use a \* or &, or change the type used in the declaration.

**0x1328301d NIDL\_INTSIZEREQ**

**Severity:** Varies      **Component:** idl

**Text:** Warning: A size specifier is required; long assumed

**Explanation:** A size specifier is required when specifying the <kw>(int) data type.

**Action:** Place a size specifier – <kw>(short, small, long,) or <kw>(hyper) – before the <kw>(int) keyword.

**0x13283082 NIDL\_INTUUIDREQ**

**Severity:** Varies      **Component:** idl

**Text:** Interface UUID must be specified

**Explanation:** The interface does not have the <kw>([uuid]) attribute required for the complete definition of the interface.



**Action:** Either add the `<kw>([local])` attribute to the interface, or generate a UUID with the `<kw>(uuidgen)` utility supplied with IDL and specify the UUID value in the interface `<kw>([uuid])` attribute.

**0x13283083 NIDL\_INVARRIND**

**Severity:** Varies      **Component:** idl

**Text:** Invalid array bound type

**Explanation:** Array indices must be integers.

**Action:** Change the array declaration so the fixed bounds are integer constants.

**0x13283112 NIDL\_INVBUG**

**Severity:** Varies      **Component:** idl

**Text:** Command option `-bug %1$lu` is not known

**Explanation:** The documentation defines all the valid integers that can accompany the `<kw>(-bug)` and `<kw>(-no_bug)` options. You have chosen an invalid value.

**Action:** See the documentation for the correct number.

**0x13283084 NIDL\_INVCASETYP**

**Severity:** Varies      **Component:** idl

**Text:** Invalid case label type

**Explanation:** The values in `<kw>(case)` clauses in discriminated `<kw>(union)s` must be integer, enumeration, boolean, or character values that match the data type of the `<kw>(union)` discriminator.

**Action:** Modify the invalid clause to use a value of the correct data type.

**0x13283085 NIDL\_INVCHARLIT**

**Severity:** Varies      **Component:** idl

**Text:** Invalid character literal

**Explanation:** The specification of the character literal is invalid.

**Action:** Character literals can be specified as a single printing character or one of the following escape sequences: `<literal>(\n)`, `<literal>(\t)`, `<literal>(\v)`, `<literal>(\b)`, `<literal>(\r)`, `<literal>(\f)`, `<literal>(\a)`, `<literal>(\<literal>)`,

<literal>(\)?, <literal>(\)', <literal>(\)"', <literal>(\)<v>(ooo), <literal>(\)x<v>(hh)  
(where <v>(ooo) are octal digits, and <v>(hh) are hexadecimal digits).

**0x1328314a NIDL\_INVFILESPEC**

**Severity:** Varies      **Component:** idl

**Text:** Invalid file specification: %1\$s

**Explanation:** An invalid file specification was given.

**Action:** Check the files names specified on the command line for proper syntax.

**0x13283113 NIDL\_INVNOBUG**

**Severity:** Varies      **Component:** idl

**Text:** Command option -no\_bug %1\$lu is not known

**Explanation:** The documentation defines all the valid integers that can accompany the <kw>(-bug) and <kw>(-no\_bug) options. You have chosen an invalid value.

**Action:** See the documentation for the correct number.

**0x13283086 NIDL\_INVOCTDIGIT**

**Severity:** Varies      **Component:** idl

**Text:** Invalid octal digit in %1\$s

**Explanation:** An octal integer contains a digit that is not valid. Integer constants with a leading zero are interpreted as octal values. Only the digits 0 through 7 are valid in octal value.

**Action:** If the integer is not intended to be specified in octal, remove the leading zeros. Otherwise correct the value to contain only octal digits.

**0x13283087 NIDL\_INVOKECPP**

**Severity:** Varies      **Component:** idl

**Text:** Could not invoke the C preprocessor

**Explanation:** The IDL compiler is unable to invoke the C preprocessor to preprocess the IDL file before compiling it.

**Action:** If you do not need the C preprocessor, you can use a command line option to prevent the IDL compiler from calling it. If you specified the C preprocessor to invoke

with a command line option, check to make sure you gave the correct file specification. If you do not specify a C preprocessor, the IDL compiler looks in a default directory for it. The C preprocessor may not be installed in the expected directory.

**0x13283088 NIDL\_INVOOLPRM**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [out\_of\_line] is not allowed on parameters

**Explanation:** IDL does not allow the <kw>([out\_of\_line]) attribute on parameters.

**Action:** Apply the <kw>([out\_of\_line]) attribute to the type definition rather than the parameter. If you do not want all instances of the type <kw>([out\_of\_line]), define two separate types, one of which has the <kw>([out\_of\_line]) attribute.

**0x13283089 NIDL\_INVOPTION**

**Severity:** Varies      **Component:** idl

**Text:** Command option -%1\$s %2\$s is not valid

**Explanation:** The <v>(option-value) specified is not valid for the option with which it is used.

**Action:** See the documentation for the correct command line syntax.

**0x1328308a NIDL\_INVPARAMS**

**Severity:** Varies      **Component:** idl

**Text:** Invalid parameters on command line:

**Explanation:** There are extra parameters on the command line.

**Action:** You may have attempted to use a value on a option that does not take a value, or attempted to compile more than one interface at once. See the documentation for the proper command line syntax.

**0x1328308b NIDL\_INVPTRCTX**

**Severity:** Varies      **Component:** idl

**Text:** Pointers to context handles are valid only in parameter declarations

**Explanation:** IDL does not allow pointers to context handles, except in parameter declarations.

**Action:** Do not declare a pointer to a <kw>(context\_handle), except as a parameter.

**0x1328308c NIDL\_INVPTRPIPE**

**Severity:** Varies      **Component:** idl

**Text:** Pointers to pipes are valid only in parameter declarations

**Explanation:** IDL does not allow a pointer to a <kw>(pipe), except in a parameter declaration.

**Action:** Do not declare a pointer to a <kw>(pipe), except as a parameter.

**0x13283137 NIDL\_LANGATTRNS**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Attribute [%1\$s] not supported for target language

**Explanation:** IDL does not support the indicated attribute for the target language selected.

**Action:** In some cases the attribute can be removed. For example, the <kw>(v1\_) attributes are only necessary if interoperation with NCS Version 1 is required.

**0x13283130 NIDL\_LANGCFMTSTRCT**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Conformant structures not supported in target language

**Explanation:** An IDL conformant structure does not have a source representation in the target language selected.

**Action:** The IDL conformant array will be declared as a one-element array in the generated language header file. Your application code might be able to use the address of this array to access other array elements, depending on the target language. Alternatives are to write application code that uses the construct in another programming language, or to change the IDL source to use a construct that is supported by the target language.

**0x13283131 NIDL\_LANGCFMTSTRNG**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Conformant strings not supported in target language

**Explanation:** An IDL conformant string does not have a source representation in the target language selected.

**Action:** The IDL conformant array will be declared as a one-element array in the generated language header file. Your application code might be able to use the address of this array to access other array elements, depending on the target language. Alternatives are to write application code that uses the construct in another programming language, or to change the IDL source to use a construct that is supported by the target language.

**0x13283132 NIDL\_LANGMAPCHAR**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Character doesn't map to target language

**Explanation:** A character in an IDL character or string constant does not have a source representation in the target language selected.

**Action:** The character will be translated to a '?' in the generated language header file. Edit the file manually as necessary.

**0x13283135 NIDL\_LANGMAXDIM**

**Severity:** Varies      **Component:** idl

**Text:** Target language supports maximum of %1\$lu array dimensions

**Explanation:** The target language selected does not support arrays with more than the indicated number of dimensions.

**Action:** Such arrays will have no corresponding declaration in the generated language header file. Application code using such arrays should be written in another programming language.

**0x13283136 NIDL\_LANGMIXCASE**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Name %1\$s differs from a previous name only in case

**Explanation:** The target language selected is not case-sensitive with respect to identifiers; that is, any two identifiers that differ only in case are considered to be identical. The IDL source contains two distinct identifiers that differ only in case, but they conflict with each other in the generated language header file.

**Action:** Edit the IDL source code to remove the conflict.

**0x13283133 NIDL\_LANGPIPESNS**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Pipes not supported for target language

**Explanation:** The data structures necessary to manage IDL pipes do not have a source representation in the target language selected.

**Action:** Pipe objects will have no corresponding definition in the generated language header file. Application code for operations with pipes should be written in another programming language.

**0x13283134 NIDL\_LANGUNSFNRS**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Non-scalar function result converted to trailing [out] parameter

**Explanation:** The target language selected does not allow the function result argument of a routine to be a non-scalar type. The IDL compiler converts such a construct to a trailing <kw>([out]) parameter.

**Action:** No action is required. You might want to edit your IDL source and change the declaration from a function result to an <kw>([out]) parameter in order to map naturally to the target language.

**0x1328308d NIDL\_LASTINATTR**

**Severity:** Varies      **Component:** idl

**Text:** The [last\_is] parameter must have the [in] attribute

**Explanation:** The <kw>([last\_is]) attribute specifies a parameter that contains the upper data limit of a varying array. Since the array has the <kw>([in]) attribute, the upper data limit parameter must also be <kw>([in]) so the number of array elements to send from client to server is known.

**Action:** Change the data limit parameter referenced by the <kw>([last\_is]) clause to have the <kw>([in]) attribute.

**0x1328308e NIDL\_LASTLENCONF**

**Severity:** Varies      **Component:** idl

**Text:** The attributes [last\_is] and [length\_is] cannot occur together

**Explanation:** The <kw>([last\_is]) and <kw>([length\_is]) attributes both specify a field or parameter used to determine the data limit of a varying array. You cannot use both.

**Action:** The <kw>([last\_is]) attribute specifies the index of the last valid element. The <kw>([length\_is]) attribute specifies the total number of elements in the array. Remove one of these attributes.

**0x1328308f NIDL\_LASTYPEINT**

**Severity:** Varies      **Component:** idl

**Text:** A [last\_is] variable must be a small, short, or long integer

**Explanation:** The <kw>([last\_is]) attribute specifies a field or parameter that contains the upper data limit of a varying array. Array data limits must be integers which are not <kw>(hyper).

**Action:** Change the upper data limit field or parameter referenced by the <kw>([last\_is]) clause to be of integer data type.

**0x13283090 NIDL\_LBLESSUB**

**Severity:** Varies      **Component:** idl

**Text:** The lower bound must not be greater than the upper bound

**Explanation:** The syntax of an array requires the lower bound to precede the upper bound.

**Action:** Modify the array declaration so the lower bound is first.

**0x13283008 NIDL\_LEGALVALS**

**Severity:** Varies      **Component:** idl

**Text:** Legal values are:

**Explanation:** Identifies a list of legal values for a command option.

**Action:** Re-enter the option using one of the legal values.

**0x13283091 NIDL\_LENINATTR**

**Severity:** Varies      **Component:** idl

**Text:** The [length\_is] parameter must have the [in] attribute

**Explanation:** The <kw>([length\_is]) attribute specifies a parameter used to determine the data length of a varying array. Since the array has the <kw>([in]) attribute, the <kw>([length\_is]) parameter must also be <kw>([in]) so the number of array elements to send from client to server is known.

**Action:** Change the parameter referenced by the <kw>([length\_is]) clause to have the <kw>([in]) attribute.

**0x13283092 NIDL\_LENTYPEINT**

**Severity:** Varies      **Component:** idl

**Text:** A [length\_is] variable must be a small, short, or long integer

**Explanation:** The <kw>([length\_is]) attribute specifies a field or parameter that contains the data length of a varying array. The field or parameter must be integers which are not <kw>(hyper).

**Action:** Change the field or parameter referenced by the <kw>([length\_is]) clause to be of integer data type.

**0x13283009 NIDL\_LINEFILE**

**Severity:** Varies      **Component:** idl

**Text:** File %1\$, line %2\$lu

**Explanation:** Identifies the filename and source line number associated with an error.

**Action:** None. This is an informational message.

**0x1328301e NIDL\_LINENONSCAL**

**Severity:** Varies      **Component:** idl

**Text:** Warning: The attributes [in\_line] and [out\_of\_line] apply only to non-scalar types

**Explanation:** Scalar data types are always marshalled in-line, since there is performance degradation if they are marshalled out-of-line.

**Action:** Do not use the <kw>([in\_line]) and <kw>([out\_of\_line]) attributes on scalar types.



**0x1328316a NIDL\_LOOKUPNOTVAL**

**Severity:** Varies      **Component:** idl

**Text:** ACF attribute [cxx\_lookup] is only valid for -lang cxx

**Explanation:** The ACF <kw>([cxx\_lookup]) interface attribute only pertains to interfaces that are compiled with the <kw>(-lang cxx) IDL compiler option.

**Action:** If your application code is written in C++, then you must use the <kw>(-lang cxx) option to the IDL compiler in order to enable generation of C++ header file and stub files. Otherwise, edit the <v>(interface-name).acf file, and remove the <kw>([cxx\_lookup]) attribute.

**0x13283093 NIDL\_MAJORTOOLARGE**

**Severity:** Varies      **Component:** idl

**Text:** The major version number is too large; the maximum is %1\$lu

**Explanation:** The major version number is too large.

**Action:** Replace the major version number (the portion to the left of the period) with a value less than <v>(number).

**0x13283094 NIDL\_MAXCFMTYPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [max\_is] cannot be applied to dimension %1\$lu; upper bound is not dynamic

**Explanation:** A <kw>([max\_is]) variable is only valid for array dimensions that have an upper bound that is not fixed.

**Action:** If the array is multidimensional, you may have specified the <kw>([max\_is]) variable for the wrong dimension. See the documentation for the proper syntax. If the array has only one dimension, the <kw>([max\_is]) clause is invalid, since the array's upper bound is fixed. You may have meant to use a <kw>([last\_is]) clause. See the documentation for the distinctions between conformant and varying arrays and their attributes.

**0x13283095 NIDL\_MAXIDINTF**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for interface name is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the interface name. Therefore, the number of characters allowed in an interface name is less than for other identifiers.

**Action:** Shorten the interface name.

**0x13283098 NIDL\_MAXIDTYPCH**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for [context\_handle] type is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the names of any <kw>([context\_handle]) data types. Therefore, the number of characters allowed in such a data type is less than for other identifiers.

**Action:** Shorten the data type name.

**0x1328315f NIDL\_MAXIDTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for [%1\$s] type is %2\$lu characters

**Explanation:** A type name with the indicated attribute is used to construct other names with a prefix and/or suffix concatenated to it. This further restricts the length of the name to the indicated value, to make sure that the maximum identifier length is not exceeded in the generated names.

**Action:** Shorten the type name.

**0x13283097 NIDL\_MAXIDTYPHAN**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for [handle] type is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the names of any <kw>([handle]) data types. Therefore, the number of characters allowed in such a data type is less than for other identifiers.

**Action:** Shorten the data type name.

**0x1328309c NIDL\_MAXIDTYPOOL**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for [out\_of\_line] type is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the names of any <kw>([out\_of\_line]) data types. Therefore, the number of characters allowed in such a data type is less than for other identifiers.

**Action:** Shorten the data type name.

**0x1328309a NIDL\_MAXIDTYPIPE**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for pipe type is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the names of any <kw>(pipe) data types. Therefore, the number of characters allowed in such a data type is less than for other identifiers.

**Action:** Shorten the data type name.

**0x13283099 NIDL\_MAXIDTYPPT**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for pointed-to type is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the names of any pointed-to data types. Therefore, the number of characters allowed in such a data type is less than for other identifiers.

**Action:** Shorten the data type name.

**0x1328309b NIDL\_MAXIDTYPRA**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for [represent\_as] type is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the names of any <kw>([represent\_as]) data types. Therefore, the number of characters allowed in such a data type is less than for other identifiers.

**Action:** Shorten the data type name.

**0x13283096 NIDL\_MAXIDTYPTA**

**Severity:** Varies      **Component:** idl

**Text:** Maximum identifier length for type with [transmit\_as] is %1\$lu characters

**Explanation:** The IDL compiler constructs new identifier names that are referenced by generated stub code from the names of any <kw>([transmit\_as]) data types. Therefore, the number of characters allowed in such a data type is less than for other identifiers.

**Action:** Shorten the data type name.

**0x1328309d NIDL\_MAXINATTR**

**Severity:** Varies      **Component:** idl

**Text:** A [max\_is] parameter must have the [in] attribute

**Explanation:** The <kw>([max\_is]) attribute specifies a parameter that contains the upper bound of a conformant array. This must be an <kw>([in]) attribute so the server stub code knows how much space to allocate for the array.

**Action:** Change the upper bound parameter referenced by the <kw>([max\_is]) clause to have the <kw>([in]) attribute.

**0x1328309e NIDL\_MAXSIZEATTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [max\_is] or [size\_is] is required

**Explanation:** An array with an upper bound that is not fixed is used as a field of a structure or as a parameter of an operation. You must specify a field or parameter that determines the allocation of the array at runtime.

**Action:** Use a <kw>([max\_is]) or <kw>([size\_is]) attribute to specify the field or parameter that contains the size information.

**0x1328309f NIDL\_MAXSIZECONF**

**Severity:** Varies      **Component:** idl

**Text:** The attributes [max\_is] and [size\_is] cannot occur together

**Explanation:** The <kw>([max\_is]) and <kw>([size\_is]) attributes both specify a field or parameter used to determine the upper bound of a conformant array. You cannot use both.

**Action:** The <kw>([max\_is]) attribute specifies the index of the last possible array element. The <kw>([size\_is]) attribute specifies the total number of possible elements in the array. Remove one of the attributes.

**0x132830a0 NIDL\_MAXTYPEINT**

**Severity:** Varies      **Component:** idl

**Text:** A [max\_is] variable must be a small, short, or long integer

**Explanation:** The <kw>([max\_is]) attribute specifies a field or parameter that contains the upper bound of a conformant array. Array bounds must be integers which are not <kw>(hyper).

**Action:** Change the upper bound field or parameter referenced by the <kw>([max\_is]) clause to be of integer data type.

**0x13283114 NIDL\_MAXWARN**

**Severity:** Varies      **Component:** idl

**Text:** Reached maximum of %1\$lu warnings; exiting

**Explanation:** The IDL compiler has a predefined maximum number of warnings it produces before aborting the compilation. This feature suppresses what may be the same warning over and over.

**Action:** Fix the warnings you get, or recompile the IDL file or specify the <kw>(-no\_warn) option.

**0x132830a2 NIDL\_MAYBEOUTPRM**

**Severity:** Varies      **Component:** idl

**Text:** A [maybe] operation cannot have [out] parameters or a function result

**Explanation:** The <kw>([maybe]) attribute specifies that the operation's caller does not require and does not receive a response or fault indication. Do not use an <kw>([out]) parameter or a function result in a <kw>([maybe]) operation.

**Action:** Remove the <kw>([maybe]) attribute from the operation, or remove all <kw>([out]) parameters from the function and declare its result type as <kw>(void).

**0x13283001 NIDL\_MESSAGE\_VERSION**

**Severity:** Varies      **Component:** idl

**Text:** 3077

**Explanation:** None

**Action:** None

**0x132830a3 NIDL\_MINATTREQ**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [min\_is] is required

**Explanation:** An array with a lower bound that is not fixed is used as a field of a structure or as a parameter of an operation. You must specify a field or parameter that determines the lower bound of the array at runtime.

**Action:** Use a <kw>([min\_is]) attribute to specify the field or parameter that contains the lower bound.

**0x132830a4 NIDL\_MINCFMTYPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [min\_is] cannot be applied to dimension %1\$lu; lower bound is not dynamic

**Explanation:** A <kw>([min\_is]) variable is valid only for array dimensions that have a lower bound that is not fixed.

**Action:** If the array is multidimensional, you may have specified the <kw>([min\_is]) variable for the wrong dimension. See the documentation for the proper syntax. If the array has only one dimension, the <kw>([min\_is]) clause is invalid, since the array's lower bound is fixed. The <kw>([first\_is]) clause is valid for single dimension arrays. See the documentation for the distinctions between conformant and varying arrays and their attributes.

**0x132830a5 NIDL\_MININATTR**

**Severity:** Varies      **Component:** idl

**Text:** A [min\_is] parameter must have the [in] attribute

**Explanation:** The <kw>([min\_is]) attribute specifies a parameter that contains the lower bound of a conformant array. This parameter must have an <kw>([in]) attribute so the server stub code will allocate adequate space for the array.

**Action:** Change the lower bound parameter referenced by the <kw>([min\_is]) clause to have the <kw>([in]) attribute.

**0x132830a6 NIDL\_MINORTOOLARGE**

**Severity:** Varies      **Component:** idl

**Text:** The minor version number is too large; the maximum is %1\$lu

**Explanation:** The minor version number is too large.

**Action:** Replace the minor version number (the portion to the right of the period) with a value less than <v>(number).

**0x132830a7 NIDL\_MINTYPEINT**

**Severity:** Varies      **Component:** idl

**Text:** A [min\_is] variable must be a small, short, or long integer

**Explanation:** The <kw>([min\_is]) attribute specifies a field or parameter that contains the lower bound of a conformant array. Array bounds must be integers that are not <kw>(hyper).

**Action:** Change the lower bound field or parameter referenced by the <kw>([min\_is]) clause so that it is a small, short, or long integer.

**0x1328304d NIDL\_MISSONARR**

**Severity:** Varies      **Component:** idl

**Text:** Missing \"]\" on array bound

**Explanation:** The closing bracket on an array bound specification was not found. It may have been omitted, or some other syntax error may cause IDL to overlook the bracket.

**Action:** Add the closing bracket if it is missing, otherwise make sure there are no other syntax errors.

**0x1328304c NIDL\_MISSONATTR**

**Severity:** Varies      **Component:** idl

**Text:** Missing \"]\" on attribute list

**Explanation:** The closing bracket on an attribute list was not found. It may have been omitted, or some other syntax error may cause IDL to overlook the bracket.

**Action:** Add the closing bracket if it is missing, otherwise make sure there are no other syntax errors.

**0x1328304b NIDL\_MISSONINTER**

**Severity:** Varies      **Component:** idl

**Text:** Missing \"}\" on interface declaration

**Explanation:** The closing brace on the interface declaration was not found. It may have been omitted, the nesting of other braces may be incorrect, or some other syntax error may cause IDL to overlook a brace.

**Action:** Add the closing brace if missing, otherwise make sure all other braces are specified in pairs, and there are no other syntax errors.

**0x1328304e NIDL\_MISSONOP**

**Severity:** Varies      **Component:** idl

**Text:** Missing result type on operation declaration

**Explanation:** No data type was found for the result of an operation while processing what appeared to be an operation declaration. All operations must have an explicit result type.

**Action:** If the result type of an operation is omitted, explicitly specify it. If no result is returned from the operation, specify <kw>(void) as the result type. This error can also occur due to a previous syntax error.

**0x1328304f NIDL\_MISSONPARAM**

**Severity:** Varies      **Component:** idl

**Text:** Missing type on parameter declaration

**Explanation:** No data type is found for the parameter.

**Action:** If the parameter type is omitted, explicitly specify it. This error can also occur due to a previous syntax error.

**0x1328301f NIDL\_MISSPTRCLASS**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Missing pointer class for %1\$s; [ptr], [ref], or [unique] required

**Explanation:** A pointer declaration does not have pointer class attribute and no <kw>([pointer\_default]) attribute was specified on the interface.



**Action:** All pointers must have one of the pointer class attributes: <kw>([ptr]), <kw>([ref]), or <kw>([unique]). Either add one of these attributes at the location of the pointer declaration, or add the <kw>([pointer\_default]) attribute to the interface to specify the class to be used as the default for the module.

**0x13283020 NIDL\_MIXEDARRATTR**

**Severity:** Varies      **Component:** idl

**Text:** Warning: The attributes [max\_is,length\_is] or [size\_is,last\_is] used together

**Explanation:** The <kw>([max\_is]) attribute specifies the array's upper bound while the <kw>([size\_is]) attribute specifies the total number of array elements. Similarly, <kw>([last\_is]) specifies the upper data limit while <kw>([length\_is]) specifies the number of valid data elements.

**Action:** Mixing the attributes can be incorrect. Make sure the declaration is correct and change if necessary.

**0x13283021 NIDL\_MULATTRDEF**

**Severity:** Varies      **Component:** idl

**Text:** Warning: An attribute is defined multiple times

**Explanation:** An attribute is repeated multiple times in an attribute list.

**Action:** Remove all but one occurrence of the offending attribute.

**0x132830a8 NIDL\_NAMEALRDEC**

**Severity:** Varies      **Component:** idl

**Text:** Name already declared: %1\$s

**Explanation:** The name referenced is already declared.

**Action:** Modify the interface and select a unique name for the given item.

**0x1328300a NIDL\_NAMEDECLAT**

**Severity:** Varies      **Component:** idl

**Text:** Name %1\$s is declared in file %2\$s, line %3\$lu

**Explanation:** Gives the source file and line number of source text to help you diagnose the previous error.

**Action:** None. This is an informational message.

**0x132830a9 NIDL\_NAMENOTCONST**

**Severity:** Varies      **Component:** idl

**Text:** Name is not a constant: %1\$s

**Explanation:** The name used to define a new constant is not the name of a <kw>(constant).

**Action:** Modify the <kw>(constant) definition to use a predefined <kw>(constant) name.

**0x132830aa NIDL\_NAMENOTFIELD**

**Severity:** Varies      **Component:** idl

**Text:** Name is not a field: %1\$s

**Explanation:** The name referenced in an array attribute is not declared as a field in the structure being defined.

**Action:** Declare a field in the structure that can be used in the array attribute.

**0x132830ab NIDL\_NAMENOTFND**

**Severity:** Varies      **Component:** idl

**Text:** Name not found: %1\$s

**Explanation:** The referenced name is not defined.

**Action:** Modify the interface to define an appropriate type for the specified name.

**0x132830ac NIDL\_NAMENOTPARAM**

**Severity:** Varies      **Component:** idl

**Text:** Name is not a parameter: %1\$s

**Explanation:** The name referenced in an array attribute is not declared as a parameter in the operation being defined.

**Action:** Declare a parameter in the operation that can be used in the array attribute.

**0x132830ad NIDL\_NAMENOTTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Name is not a type: %1\$s

**Explanation:** The name referenced is not a type definition.

**Action:** Modify the interface to specify a unique type specification instead of the name referenced.

**0x132830ae NIDL\_NAMEPREVDECLAT**

**Severity:** Varies      **Component:** idl

**Text:** Name %1\$s previously declared in file %2\$s, line %3\$lu

**Explanation:** The name referenced was previously declared at the specified location.

**Action:** Remove this declaration, if it is redundant, or change the spelling so it does not conflict with the existing name.

**0x1328300b NIDL\_NAMEREFAT**

**Severity:** Varies      **Component:** idl

**Text:** Name is referenced in file %1\$s, line %2\$lu

**Explanation:** Gives the source file and line number of source text to help you diagnose the previous error.

**Action:** None. This is an informational message.

**0x13283022 NIDL\_NAMETOOLONG**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Generated name too long at line %1\$lu.

**Explanation:** The compiler generated an identifier that is too long for some standard C compiler implementations.

**Action:** Shorten the name at the specified line.

**0x13283121 NIDL\_NEUARRAY**

**Severity:** Varies      **Component:** idl

**Text:** Arrays of nonencapsulated unions are not allowed

**Explanation:** IDL does not allow arrays of nonencapsulated unions since there is no way to apply a different discriminator to each element.

**Action:** Use an array of encapsulated unions.

**0x13283122 NIDL\_NEUREPAS**

**Severity:** Varies      **Component:** idl

**Text:** A [represent\_as] type cannot be a nonencapsulated union

**Explanation:** A type referenced in a <kw>([represent\_as]) clause cannot be a nonencapsulated union, since there is no defined way to communicate the union discriminator to/from <kw>([represent\_as]) data translation routines.

**Action:** Use an encapsulated union for the local representation type.

**0x13283123 NIDL\_NEUREPTYPE**

**Severity:** Varies      **Component:** idl

**Text:** A nonencapsulated union cannot have a [represent\_as] type

**Explanation:** A nonencapsulated union type cannot be defined to have a local representation type, since there is no defined way to communicate the union discriminator to/from <kw>([represent\_as]) data translation routines.

**Action:** Use an encapsulated union, or reconsider the need for a different local representation type for the union.

**0x13283124 NIDL\_NEUSWATTR**

**Severity:** Varies      **Component:** idl

**Text:** A nonencapsulated union declaration must have a [switch\_is] attribute

**Explanation:** A <kw>([switch\_is]) attribute is required on an instance of a nonencapsulated union type to identify the union discriminator variable.

**Action:** Provide a <kw>([switch\_is]) clause that specifies a field or parameter that is the union discriminator, or use an encapsulated union, where the union discriminator variable is encapsulated as a field within the union type.

**0x13283125 NIDL\_NEUSWPTR**

**Severity:** Varies      **Component:** idl

**Text:** The union switch variable %1\$s cannot be a [ptr] or [unique] pointer

**Explanation:** A <kw>([switch\_is]) attribute clause in the source IDL specifies its value by dereferencing a pointer field or parameter. This is invalid if the pointer variable has either of the <kw>([ptr]) or <kw>([unique]) attributes, since both allow the pointer to be <kw>(NULL). If the pointer were <kw>(NULL), there would be no way to determine the union discriminator.

**Action:** Either redeclare the <kw>([switch\_is]) variable to be a scalar rather than a pointer, or change the <kw>([switch\_is]) variable to be a <kw>([ref]) pointer.

#### 0x13283126 NIDL\_NEUSWTYPE

**Severity:** Varies      **Component:** idl

**Text:** A nonencapsulated union type must have a [switch\_type] attribute

**Explanation:** A <kw>([switch\_type]) attribute is required on a definition of a nonencapsulated union type to identify the data type of the union discriminator.

**Action:** Provide a <kw>([switch\_type]) clause that specifies a valid union discriminator data type.

#### 0x13283127 NIDL\_NEUXMITAS

**Severity:** Varies      **Component:** idl

**Text:** A [transmit\_as] type cannot be a nonencapsulated union

**Explanation:** A type referenced in a <kw>([transmit\_as]) clause cannot be a nonencapsulated union, since there is no defined way to communicate the union discriminator to/from <kw>([transmit\_as]) data translation routines.

**Action:** Use an encapsulated union for the transmissible type.

#### 0x13283128 NIDL\_NEUXMITYPE

**Severity:** Varies      **Component:** idl

**Text:** A nonencapsulated union cannot have a [transmit\_as] type

**Explanation:** A nonencapsulated union type cannot be defined to have a transmissible type, since there is no defined way to communicate the union discriminator to/from <kw>([transmit\_as]) data translation routines.

**Action:** Use an encapsulated union, or reconsider the need for a different transmissible type for the union.

**0x1328316b NIDL\_NEWNOTVAL**

**Severity:** Varies      **Component:** idl

**Text:** ACF attribute [cxx\_new] is only valid for -lang cxx

**Explanation:** The ACF <kw>([cxx\_new]) operation attribute only pertains to interfaces that are compiled with the <kw>(-lang cxx) IDL compiler option.

**Action:** If your application code is written in C++, then you must use the <kw>(-lang cxx) option to the IDL compiler in order to enable generation of C++ header file and stub files. Otherwise, edit the <v>(interface-name).acf file, and remove any uses of the <kw>([cxx\_new]) attribute.

**0x1328300c NIDL\_NEWUUID**

**Severity:** Varies      **Component:** idl

**Text:** %1\$s

**Explanation:** None

**Action:** None

**0x132830af NIDL\_NLSCATVER**

**Severity:** Varies      **Component:** idl

**Text:** %1\$sNLS message catalog version mismatch in \"%2\$s\", Expected: \"%3\$lu\", Actual: \"%4\$s\"

**Explanation:** None

**Action:** None

**0x132830b0 NIDL\_NLSWRONG**

**Severity:** Varies      **Component:** idl

**Text:** %1\$sError messages may be incorrect

**Explanation:** The error messages reported by the IDL compiler are stored in an NLS message catalog. The catalog <v>(filename) is not the same version as the IDL compiler being invoked. The error messages reported may therefore be incorrect or cause the compiler to terminate abnormally.

**Action:** Check the definition of the NLS environment variable NLSPATH and verify that it searches the appropriate directories. The default location for the IDL compiler message catalog is <v>(<literal>(<>dcshared)<>)<kw>/nls/msg/<v>(LANG)<kw>(/

**0x13283023 NIDL\_NOCODEOPS**

**Severity:** Varies      **Component:** idl

**Text:** Warning: At least one operation must have the [code] attribute

**Explanation:** All of the operations in the interface are marked so no code is generated for them in the stub modules.

**Action:** If you used the ACF <kw>([nocode]) attribute on the interface, be sure to specify <kw>([code]) on at least one operation. To disable stub generation entirely use a command line option.

**0x13283024 NIDL\_NOENDPOINT**

**Severity:** Varies      **Component:** idl

**Text:** Warning: No endpoint can be found in the endpoint specification \"%1\$s\"

**Explanation:** The syntax specified in the <kw>(endpoint) specification string does not contain an <kw>(endpoint) specification. The entire string is assumed to be the protocol name and the <kw>(endpoint) remains unspecified in the generated stubs.

**Action:** Correct the syntax of the <kw>(endpoint) specification.

**0x13283165 NIDL\_NOFLTPARAM**

**Severity:** Varies      **Component:** idl

**Text:** Warning: A [fault\_status] parameter has no utility in this operation

**Explanation:** A <kw>([fault\_status]) parameter is used in an operation where no fault can ever occur. An example is an encoding services operation, i.e. one using <kw>([encode]) or <kw>([decode]) - there is no remote entity from which a fault might be received.

**Action:** Perhaps you meant to use a <kw>([comm\_status]) attribute. If not, the parameter can be removed from the operation or the <kw>([fault\_status]) attribute can be removed from the parameter.

**0x132830b1 NIDL\_NONINTEXP**

**Severity:** Varies      **Component:** idl

**Text:** Non-integer values are not allowed in expressions

**Explanation:** One of the values in the expression is not an integer (or one that can be promoted to integer).

**Action:** Correct the expression to contain only integer values.

**0x13283025 NIDL\_NONPORTCHAR**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Character constant cannot be portable across character sets

**Explanation:** You used an integer value to specify a character. This cannot be portable across different character sets (ASCII and EBCDIC).

**Action:** Consider your portability requirements.

**0x13283164 NIDL\_NOPORTANON**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of anonymous %1\$s may not be portable across C compilers

**Explanation:** The source IDL contains an IDL language construct, such as an <kw>(enum), declared as an unnamed type within another definition. The generated stub code will compile cleanly under some C compilers, but generate errors from others. The potential errors are due to differences in the scoping of identifiers across C compilers.

**Action:** Use a <kw>(typedef) statement to define the base <kw>(type) as a named type, then use the type name in any subsequent declarations in place of an anonymous definition.

**0x13283161 NIDL\_NOPORTATTR**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of [%1\$s] attribute requires %2\$s

**Explanation:** The indicated attribute is not supported by DCE V1.0, and thus should not be used if interoperability with implementations of DCE V1.0 is required.



**Action:** Do not use the feature if interoperability with DCE V1.0 is required. Otherwise, specify the extended standard option on the compiler command to suppress the warning.

**0x1328313f NIDL\_NOPORTCFMT**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of conformant minor array dimension requires %1\$s

**Explanation:** An array that is conformant in a minor dimension, i.e. other than the first dimension, is not portable to all implementations of DCE V1.0.

**Action:** Use an array that is conformant in only the first dimension, or specify the extended standard option on the compiler command.

**0x13283160 NIDL\_NOPORTEXCEP**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of user-defined exceptions requires %1\$s

**Explanation:** Use of user-defined exceptions is not interoperable with implementations of DCE V1.0.

**Action:** Do not use the feature if interoperability with DCE V1.0 is required. Otherwise, specify the extended standard option on the compiler command to suppress the warning.

**0x1328311a NIDL\_NOPORTNEU**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of a nonencapsulated union requires %1\$s

**Explanation:** A nonencapsulated union is not portable to all implementations of DCE V1.0.

**Action:** Use an encapsulated union instead or specify the extended standard option on the compiler command.

**0x1328313e NIDL\_NOPORTNZLB**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of nonzero array lower bound requires %1\$s

**Explanation:** A nonzero array lower bound is not portable to all implementations of DCE V1.0.

**Action:** Use an array with lower bound zero instead or specify the extended standard option on the compiler command.

**0x1328311b NIDL\_NOPORTUNIQUE**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of [unique] pointers requires %1\$s

**Explanation:** A <kw>([unique]) pointer is not portable to all implementations of DCE V1.0.

**Action:** Use a <kw>([ref]) or <kw>([ptr]) pointer instead or specify the extended standard option on the compiler command.

**0x13283140 NIDL\_NOPORTVARY**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Use of varying minor array dimension requires %1\$s

**Explanation:** An array that is varying in a minor dimension, i.e. other than the first dimension, is not portable to all implementations of DCE V1.0.

**Action:** Use an array that is varying in only the first dimension, or specify the extended standard option on the compiler command.

**0x13283026 NIDL\_NOSEMCHK**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Semantic checking prevented by other reported errors

**Explanation:** One or more of the reported errors prevented the compiler from completing the semantic checking of the interface. This can cause some semantic errors in the interface to go unreported.

**Action:** Correct the reported errors and compile the interface again.

**0x132830b2 NIDL\_NYSALIGN**

**Severity:** Varies      **Component:** idl

**Text:** The [align] attribute is not yet supported

**Explanation:** None

**Action:** None

**0x132830b3 NIDL\_NYSINSHAPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [in(shape)] is not yet supported

**Explanation:** None

**Action:** None

**0x132830b4 NIDL\_NYSNONZEROLB**

**Severity:** Varies      **Component:** idl

**Text:** Arrays with a nonzero lower bound are not yet supported

**Explanation:** None

**Action:** None

**0x132830b5 NIDL\_NYSOUTSHAPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [out(shape)] is not yet supported

**Explanation:** None

**Action:** None

**0x132830b6 NIDL\_NYSUNIQUE**

**Severity:** Varies      **Component:** idl

**Text:** Attribute [unique] is not yet supported

**Explanation:** None

**Action:** None

**0x13283027 NIDL\_OLDUUID**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Old UUID format must be replaced with new format:

**Explanation:** The UUID specified in the interface attribute list is in an old format.

**Action:** Although the old format is compatible with the new format, we recommend that you switch to the new format. If the input is an NCS Version 1 NIDL source file, process it with the translator utility (the <kw>(nidl\_to\_idl) command) that converts an NCS Version 1 NIDL source file into the format expected by the IDL compiler. You can also use the <kw>(uuidgen) command to convert the old format UUID to the new format. When you have the new format for the UUID, compile the translated source file.

**0x132830b7 NIDL\_OPCODEATTR**

**Severity:** Varies      **Component:** idl

**Text:** Operation attributes [code] and [nocode] cannot occur together

**Explanation:** The <kw>([code]) and <kw>([nocode]) attributes have directly opposite meanings. Do not use both.

**Action:** Remove one of the conflicting attributes.

**0x132830b8 NIDL\_OPENREAD**

**Severity:** Varies      **Component:** idl

**Text:** Unable to open %1\$s for read access

**Explanation:** The IDL compiler is unable to open a file for processing.

**Action:** Make sure the file exists, and that it has the proper access protection for the IDL compiler.

**0x132830b9 NIDL\_OPENWRITE**

**Severity:** Varies      **Component:** idl

**Text:** Unable to open %1\$s for write access

**Explanation:** The IDL compiler is unable to create a file.

**Action:** Make sure the directory to contain the file exists, and that it has the proper access protection for the IDL compiler.

**0x1328314f NIDL\_OPINCSCHAR**

**Severity:** Varies      **Component:** idl

**Text:** Operation with [in] [cs\_char] data requires [cs\_stag] parameter

**Explanation:** If any <kw>([in]) parameter, or part of an <kw>([in]) parameter, has a <kw>([cs\_char]) type, there must be a parameter in the same operation to which <kw>([cs\_stag]) is applied.

**Action:** Make sure the ACF declaration for the operation has the <kw>([cs\_stag]) attribute applied to one of the parameters in the operation.

**0x1328314c NIDL\_OPNOTAGS**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Operation with [cs\_tag\_rtn] contains no codeset tag parameters

**Explanation:** The <kw>([cs\_tag\_rtn]) attribute normally appears on an operation only if it has least one parameter with a <kw>([cs\_stag]), <kw>([cs\_drtag]), or <kw>([cs\_rtag]) attribute.

**Action:** Make sure the ACF declaration for the operation has one or more of the above tags applied to parameter(s) in the operation.

**0x132830ba NIDL\_OPNOTDEF**

**Severity:** Varies      **Component:** idl

**Text:** Operation name %1\$s referenced in ACF is not defined

**Explanation:** Any operation referenced in an Attribute Configuration File (ACF) must be defined in the corresponding IDL file.

**Action:** Check for typographical errors in either file.

**0x13283150 NIDL\_OPOUTCSCCHAR**

**Severity:** Varies      **Component:** idl

**Text:** Operation with [out] [cs\_char] data requires [cs\_rtag] parameter

**Explanation:** If any <kw>([out]) parameter, or part of an <kw>([out]) parameter, has a <kw>([cs\_char]) type, there must be a parameter in the same operation to which <kw>([cs\_rtag]) is applied.

**Action:** Make sure the ACF declaration for the operation has the <kw>([cs\_rtag]) attribute applied to one of the parameters in the operation.

**0x13283143 NIDL\_OPREFDELIN**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Operation with [reflect\_deletions] has no [in] or [in,out] full pointers

**Explanation:** Reflection of node deletions from server to client is only applicable to operations that have <kw>([in]) or <kw>([in,out]) full (<kw>([ptr])) pointers. The <kw>([reflect\_deletions]) attribute thus has no effect on the indicated operation.

**Action:** Remove the <kw>([reflect\_deletions]) attribute from the operation to avoid this warning message.

**0x132830bf NIDL\_OPRESPIPE**

**Severity:** Varies      **Component:** idl

**Text:** An operation result cannot be a pipe

**Explanation:** Pipes are not allowed as operation results.

**Action:** Change the operation so the <kw>(pipe) is an extra <kw>([out]) parameter instead of the operation result.

**0x1328300d NIDL\_OPTIONSTABLE**

**Severity:** Varies      **Component:** idl

**Text:** Options table:

**Explanation:** Caption for options table printed in usage message

**Action:** None. This is an informational message.

**0x13283115 NIDL\_OPTNOVAL**

**Severity:** Varies      **Component:** idl

**Text:** Command option %1\$s does not take a value

**Explanation:** You specified a value with a command line option that does not take a value.

**Action:** If the value is meant to be the source file, it must be separated from the command option with a space.

**0x132830bb NIDL\_OUTCFMTARR****Severity:** Varies      **Component:** idl**Text:** An [out] conformant array must be a top-level parameter or under a non-[ref] pointer**Explanation:** An array with unspecified lower and/or upper bounds requires size information. If the array is a top-level parameter, the size information must be in additional <kw>([in]) parameters. If the array is contained within a structure, the size information must be in additional fields of the structure, and the parameter containing the structure must be <kw>([in]) or <kw>([in,out]). In both cases, the size information must be <kw>([in]) so the server stub knows how much storage to allocate for the array. The exception to this latter case is any <kw>([out]) conformant array that is pointed to by a full <kw>([ptr]) pointer or a <kw>([unique]) pointer or that indirectly lies under a <kw>([ptr]) or <kw>([unique]) pointer. In this case the semantics are that the user-written manager code either allocates and/or manages the storage for the array and any other data below the <kw>([ptr]) or <kw>([unique]) pointer or returns a <kw>(NULL) value for the <kw>([ptr]) or <kw>([unique]) pointer.**Action:** Change the parameter to be <kw>([in,out]), or pass the array as a separate <kw>([out]) parameter with <kw>([in]) size information parameters, or change the data structure and the code that manipulates it so the conformant array is under a <kw>([ptr]) or <kw>([unique]) pointer.**0x13283028 NIDL\_OUTDIRIGN****Severity:** Varies      **Component:** idl**Text:** Warning: Object file for %1\$s placed in current working directory**Explanation:** A command option specifies a directory other than the current working directory in which to place a generated C source and object file. The IDL compiler does not place the file in the requested directory if you use the <kw>(-cc\_cmd) argument on the command line. Also, the IDL compiler does not place the file in the requested directory on systems on which the mechanism it usually uses for the placement does not work.**Action:** IDL provides a command option that allows you to pass command options to the C compiler. Use the appropriate C compiler option to assure that the object files are placed in the correct directory.

**0x13283116 NIDL\_OUTOFMEM**

**Severity:** Varies      **Component:** idl

**Text:** Out of memory

**Explanation:** The system-defined limit of memory available to the compiler was exceeded.

**Action:** Either have the system-defined limit of memory raised, or simplify the source file being compiled by breaking it into multiple modules or eliminating unnecessary imports.

**0x132830bc NIDL\_OUTPRMREF**

**Severity:** Varies      **Component:** idl

**Text:** Output parameters must be passed by reference

**Explanation:** Parameters with the <kw>([out]) or <kw>([in,out]) attributes must be passed by reference, so the changed value of the parameter can be reflected back to the caller.

**Action:** Add a <kw>(\*) to the parameter declaration to indicate pass-by-reference calling mechanism.

**0x132830bd NIDL\_OUTPTRPRM**

**Severity:** Varies      **Component:** idl

**Text:** An [out,ptr] parameter is not valid

**Explanation:** The <kw>([ptr]) parameter attribute implies that the value of the pointer may be <kw>(NULL). It is invalid on an <kw>([out]) only parameter, since the possible NULL-ness is not shipped to the server (for example, in the <kw>([in]) direction).

**Action:** If the pointer cannot be <kw>(NULL) remove the <kw>([ptr]) attribute. Otherwise, make the parameter an <kw>([in,out,ptr]) parameter.

**0x132830c0 NIDL\_OUTSTAR**

**Severity:** Varies      **Component:** idl

**Text:** Output parameters require an explicit top-level \*



**Explanation:** Parameters with the <kw>([out]) or <kw>([in,out]) attributes must be passed by reference, so the changed value of the parameter can be reflected back to the caller. IDL does not allow a <kw>(\*) in a type definition to serve as a passing mechanism <kw>(\*).

**Action:** Change the declaration of the parameter so it contains an explicit <kw>(\*).

**0x132830c1 NIDL\_OUTUNIQRPM**

**Severity:** Varies      **Component:** idl

**Text:** An [out,unique] parameter is not valid

**Explanation:** The <kw>([unique]) parameter attribute implies that the value of the pointer may be <kw>(NULL). The <kw>(NULL) value is invalid on an <kw>([out]) only parameter, since the <kw>(NULL) value was not sent to the server as an <kw>([in]) parameter.

**Action:** If the pointer cannot be <kw>(NULL), remove the <kw>([unique]) attribute. Otherwise, make the parameter an <kw>([in,out,unique]) parameter.

**0x132830be NIDL\_OUTUNIQUE**

**Severity:** Varies      **Component:** idl

**Text:** An [out] parameter or operation result cannot contain [unique] pointers

**Explanation:** Operation results and parameters that are <kw>([out]) only cannot have <kw>([unique]) pointers. Unique pointers may be <kw>(NULL), but there is no way to express the <kw>(NULL) value to the server unless the pointer is part of an <kw>([in]) parameter.

**Action:** Change your type declarations so no types contained in the parameter have the <kw>([unique]) attribute, or, if the pointer is part of a parameter, add the <kw>([in]) attribute to the parameter.

**0x132830c2 NIDL\_PIPEBASETYP**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be a pipe type

**Explanation:** A <kw>(pipe) type cannot be used in the definition of another <kw>(pipe) type.

**Action:** Remove the invalid declaration, or change it so the base type of the <kw>(pipe) is not another <kw>(pipe) type.

**0x13283159 NIDL\_PIPECTYPE**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be or contain a [%1\$s] type

**Explanation:** The indicated attribute cannot be applied to the base type of a pipe, or a type used in constructing the base type of a pipe.

**Action:** Do not use the indicated attribute with pipes.

**0x132830c3 NIDL\_PIPESTRFLD**

**Severity:** Varies      **Component:** idl

**Text:** Pipes are not valid as structure fields

**Explanation:** Pipes are not allowed as fields of structures.

**Action:** Pass a <kw>(pipe) as a separate parameter to an operation, rather than embedding it as a field of a structure.

**0x132830c4 NIDL\_PIPEUNIMEM**

**Severity:** Varies      **Component:** idl

**Text:** Pipes are not valid as members of unions

**Explanation:** Pipes are not allowed as members of <kw>(union)s.

**Action:** Pass a <kw>(pipe) as a separate parameter to an operation, rather than embedding it as a member of a <kw>(union).

**0x132830c5 NIDL\_PIPEXMITAS**

**Severity:** Varies      **Component:** idl

**Text:** A pipe cannot have a [transmit\_as] type

**Explanation:** A pipe is a specialized object handled by RPC that, by itself, is not a transmittable object. Thus, a <kw>([transmit\_as]) clause is invalid on a <kw>(pipe) definition.

**Action:** Remove the <kw>([transmit\_as]) attribute.

**0x132830c6 NIDL\_PRMBYREF**

**Severity:** Varies      **Component:** idl

**Text:** A parameter with [%1\$s] cannot be passed by value

**Explanation:** The <v>([attribute-name]) attribute can only be applied to a parameter if that parameter has an explicit <kw>(\*).

**Action:** Modify the parameter signature to have a top-level <kw>(\*).

**0x13283162 NIDL\_PRMDEPATTR**

**Severity:** Varies      **Component:** idl

**Text:** A [%1\$s] parameter must have the [%2\$s] attribute

**Explanation:** A parameter with the first attribute must also have the second attribute.

**Action:** Add the second attribute to the parameter declaration.

**0x132830c7 NIDL\_PRMINOROUT**

**Severity:** Varies      **Component:** idl

**Text:** A parameter must have either or both the [in] and [out] attributes

**Explanation:** The direction of a parameter must be declared. The <kw>([in]) attribute tells IDL that the parameter is passed from client to server. The <kw>([out]) attribute tells IDL that the parameter is passed from server to client.

**Action:** Add the <kw>([in]), <kw>([out]), or <kw>([in,out]) attribute to the parameter.

**0x132830c8 NIDL\_PRMLINEATTR**

**Severity:** Varies      **Component:** idl

**Text:** Parameter attributes [in\_line] and [out\_of\_line] cannot occur together

**Explanation:** None

**Action:** None

**0x132830c9 NIDL\_PRMNOTDEF**

**Severity:** Varies      **Component:** idl

**Text:** Parameter name %1\$s referenced in ACF operation %2\$s is not defined

**Explanation:** Any parameter referenced within an operation declaration in an Attribute Configuration File (ACF) must be defined in the corresponding operation definition in the IDL file.

**Action:** Check for typographical errors in either file.

**0x1328300e NIDL\_PROCESSACF**

**Severity:** Varies      **Component:** idl

**Text:** Processing attribute configuration file %1\$s

**Explanation:** None

**Action:** None

**0x13283168 NIDL\_PTRATTBIGN**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Pointer attributes are ignored on an interface reference

**Explanation:** Interface references are not managed in the same way as other pointers and references in IDL. Thus, the pointer attributes <kw>([ref]), <kw>([unique]), and <kw>([ptr]) are not meaningful on an interface reference.

**Action:** No action is required, since the pointer attribute is ignored and the IDL compiler continues processing. To eliminate the warning message, remove the pointer attribute from the declaration.

**0x132830ca NIDL\_PTRATTRHAN**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [ptr] is invalid on a binding handle parameter

**Explanation:** The first parameter in an operation is a <kw>(handle) parameter, either of type <kw>(handle\_t) or a type with the <kw>([handle]) attribute. It cannot have the <kw>([ptr]) attribute, since it cannot be <kw>(NULL).

**Action:** Remove the <kw>([ptr]) attribute from the parameter.

**0x132830cb NIDL\_PTRATTRPTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [ptr] is valid only for pointer types or array parameter types

**Explanation:** The <kw>([ptr]) attribute modifies the default behavior of any pointer type or an array parameter data type. It is not valid on other data types. Note that a <kw>(void \*) object is not considered a pointer.

**Action:** There may be a missing <kw>(\*) in your declaration. If not, remove the <kw>([ptr]) attribute.

**0x132830cc NIDL\_PTRBASETYP**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be or contain a pointer

**Explanation:** IDL does not allow the base type of a <kw>(pipe) to be a pointer or any data type that contains pointers.

**Action:** Change your <kw>(pipe) type definition so the base type of the <kw>(pipe) is not a pointer and does not contain any pointers.

**0x132830cd NIDL\_PTRCFMTARR**

**Severity:** Varies      **Component:** idl

**Text:** Incorrect syntax for pointer to conformant array

**Explanation:** An IDL declaration attempts to use mixed pointer <kw>(\*) and array <kw>([]) syntax to declare a pointer to an array that has bounds that are not fixed. It is ambiguous whether size attributes apply to the pointer or the array, thus IDL does not allow mixing pointer and array syntax when size attributes are present.

**Action:** If the declaration is a parameter declaration and the top-level <kw>(\*) is a pointer to an array, that <kw>(\*) is unnecessary. This is because arrays are implicitly passed by reference, as in C. Remove the top-level <kw>(\*). If the declaration is a field of a structure, change the declaration to use arrayified pointer syntax. A field that is a pointer to a type and also has a conformant array attribute represents a pointer to an array of that type. If the declaration is an [out] parameter, see the description of the message \"An [out] conformant array must be a top-level parameter or under a full pointer.\"

**0x132830ce NIDL\_PTRCTXHAN**

**Severity:** Varies      **Component:** idl

**Text:** Full pointers to context handles are not allowed

**Explanation:** IDL does not allow full pointers to context handles.

**Action:** If the declaration has the <kw>([ptr]) attribute, either explicitly or by default, change it to a <kw>([ref]) pointer. However, if the declaration is an operation result, it cannot be a <kw>([ref]) pointer and an operation resulting in a pointer to a context handle is not possible.

**0x13283129 NIDL\_PTRNEUNION**

**Severity:** Varies      **Component:** idl

**Text:** Cannot have more than one level of indirection to a nonencapsulated union

**Explanation:** IDL allows only a single level of pointer to a nonencapsulated union type.

**Action:** Remove the extra levels of indirection, or use an encapsulated union type instead.

**0x132830cf NIDL\_PTRPIPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [ptr] is not valid on pipe parameters

**Explanation:** IDL does not allow the <kw>([ptr]) attribute on <kw>(pipe) parameters.

**Action:** Remove the <kw>([ptr]) attribute from the parameter.

**0x132830d0 NIDL\_PTRV1ENUM**

**Severity:** Varies      **Component:** idl

**Text:** Pointers to [v1\_enum] types are not allowed

**Explanation:** An enumeration type with the <kw>([v1\_enum]) attribute follows NCS Version 1 NIDL semantics, and does not allow pointers to enumerations except as a reference passing mechanism on a parameter.

**Action:** If compatibility with NCS Version 1 NIDL is not necessary, remove the <kw>([v1\_enum]) attribute.

**0x132830d1 NIDL\_PTRVARYARR**

**Severity:** Varies      **Component:** idl

**Text:** Pointers to varying arrays are not allowed

**Explanation:** An IDL declaration attempts to use mixed pointer `<kw>(*)` and array `<kw>([])` syntax to declare a pointer to an array that has varying bounds. Usually, it is ambiguous whether size attributes apply to the pointer or the array, thus IDL does not allow mixing pointer and array syntax when size attributes are present.

**Action:** If the declaration is a parameter declaration and the top-level `<kw>(*)` is a pointer to an array, that `<kw>(*)` is unnecessary. This is because arrays are implicitly passed by reference, as in C. Remove the top-level `<kw>(*)`. If the declaration is more complex, investigate alternative ways to achieve results, such as using a pointer to a structure that has the required information.

#### 0x132830d2 NIDL\_PTRVOIDCTX

**Severity:** Varies      **Component:** idl

**Text:** void \* must be used in conjunction with the [context\_handle] attribute

**Explanation:** The only valid use of a `<kw>(void *)` data type in an interface definition is on an item with the `<kw>([context_handle])` attribute.

**Action:** Change the data type in the declaration, or add the `<kw>([context_handle])` attribute.

#### 0x132830d3 NIDL\_REFATTRPTR

**Severity:** Varies      **Component:** idl

**Text:** The attribute [ref] is valid only for pointer types or array parameter types

**Explanation:** The `<kw>([ref])` attribute modifies the default behavior of any pointer type or an array parameter data type. It is not valid on other data types. Note that a `<kw>(void *)` object is not considered a pointer.

**Action:** There may be a missing `<kw>(*)` in your declaration. If not, remove the `<kw>([ref])` attribute.

#### 0x132830d4 NIDL\_REFFUNRES

**Severity:** Varies      **Component:** idl

**Text:** A [ref] function result is not valid

**Explanation:** Unlike `<kw>([out])` parameters, there is never any pre-existing storage in the caller for pointer valued function results. The pointer always indicates new storage. This is the capability provided by full pointers only, not `<kw>([ref])` pointers.

**Action:** Remove the <kw>([ref]) attribute from the type definition of the data type of the function result.

**0x13283029 NIDL\_REFUNIQUE**

**Severity:** Varies      **Component:** idl

**Text:** Warning: The attribute [%1\$s] applied on type with [%2\$s] set, [%3\$s] assumed

**Explanation:** None

**Action:** None

**0x132830d5 NIDL\_RENAMEFAILED**

**Severity:** Varies      **Component:** idl

**Text:** Rename of %1\$s to %2\$s failed

**Explanation:** The call to rename <v>(filename1) to <v>(filename2) returned a failing status.

**Action:** Make sure the filenames and paths are valid, you have privilege to perform the rename operation, and there is enough free space on the destination device.

**0x132830d6 NIDL\_REPASNEST**

**Severity:** Varies      **Component:** idl

**Text:** Types with [represent\_as] cannot be nested

**Explanation:** IDL does not allow a data type that has a <kw>([represent\_as]) type to itself be used as a <kw>([represent\_as]) type in another type definition.

**Action:** Do not nest <kw>([represent\_as]) types.

**0x1328302c NIDL\_REQCMDOPT**

**Severity:** Varies      **Component:** idl

**Text:** %1\$s requires the %2\$s command line option

**Explanation:** There are particular options and constructs that are extensions to the language, these require a particular commandline option.

**Action:** Add the required option to the command line



**0x1328300f NIDL\_RUNCPP**

**Severity:** Varies      **Component:** idl

**Text:** Running C preprocessor %1\$s

**Explanation:** None

**Action:** None

**0x132830d7 NIDL\_SCOPELVLS**

**Severity:** Varies      **Component:** idl

**Text:** Too many scoping levels

**Explanation:** The input source is too complicated to be parsed. This occurs because of deeply nested <kw>(struct) or <kw>(union) declarations.

**Action:** Simplify the input source by using <kw>(typedef)s to represent the nested <kw>(struct) or <kw>(union) declarations, and building the more complicated <kw>(struct) or <kw>(union) declarations by referencing the named types instead of in-line specification of the <kw>(struct) or <kw>(union) declaration.

**0x132830d8 NIDL\_SIZEARRTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Size attributes can only be applied to array types

**Explanation:** Array bound attributes are only valid when used on array types or pointers used as an array.

**Action:** Remove the array bound attribute or correct the type to be an array.

**0x132830d9 NIDL\_SIZECFMTYPE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [size\_is] cannot be applied to dimension %1\$lu; upper bound is not dynamic

**Explanation:** A <kw>(size\_is) variable is only valid for array dimensions that have an upper bound that is not fixed.

**Action:** If the array is multidimensional, you may have specified the <kw>(size\_is) variable for the wrong dimension. See the documentation for the proper syntax. If the array has only one dimension, the <kw>(size\_is) clause is invalid, since the array's

upper data limit is fixed. You may have meant to use a <kw>([length\_is]) clause. See the documentation for the distinctions between conformant and varying arrays and their attributes.

**0x132830da NIDL\_SIZEINATTR**

**Severity:** Varies      **Component:** idl

**Text:** A [size\_is] parameter must have the [in] attribute

**Explanation:** The <kw>([size\_is]) attribute specifies a parameter that contains size information of a conformant array. This must be an <kw>([in]) attribute so the server stub code knows how much space to allocate for the array.

**Action:** Change the size parameter referenced by the <kw>([size\_is]) clause to have the <kw>([in]) attribute.

**0x132830db NIDL\_SIZEMISMATCH**

**Severity:** Varies      **Component:** idl

**Text:** The size attributes do not match the array dimension

**Explanation:** There are too many attribute references for the number of dimensions defined for the array.

**Action:** Modify the array bound attribute, specifying one reference for each dimension of the array.

**0x132830dc NIDL\_SIZEPRMPTR**

**Severity:** Varies      **Component:** idl

**Text:** The array size attribute variable %1\$s cannot have the [ptr] or [unique] attributes

**Explanation:** An array size attribute clause in the source IDL specifies its value by dereferencing a pointer parameter. This is invalid if the pointer variable has either of the <kw>([ptr]) or <kw>([unique]) attributes, since both allow the pointer to be <kw>(NULL). If the pointer is <kw>(NULL), there is no way to determine the size of the array.

**Action:** Either redeclare the size variable as a scalar rather than a pointer, or change the size variable to a <kw>([ref]) pointer.

**0x132830dd NIDL\_SIZEYPEINT****Severity:** Varies      **Component:** idl**Text:** A [size\_is] variable must be a small, short, or long integer**Explanation:** The <kw>([size\_is]) attribute specifies a field or parameter that contains size information of a conformant array. Array bounds, and thus array size, must be integers which are not <kw>(hyper).**Action:** Change the size information field or parameter referenced by the <kw>([size\_is]) clause to be of integer data type.**0x132830de NIDL\_SIZEVARREPAS****Severity:** Varies      **Component:** idl**Text:** A size attribute variable must not have a represent\_as type**Explanation:** The parameter or field referenced in a <kw>([max\_is]), <kw>([size\_is]), <kw>([first\_is]), <kw>([last\_is]), or <kw>([length\_is]) clause must not be of a data type that is declared to have a <kw>([represent\_as]) type.**Action:** Change either the referenced parameter or field data type, or the data type definition itself. The parameter or field referenced in a <kw>([min\_is]), <kw>([max\_is]), <kw>([size\_is]), <kw>([first\_is]), <kw>([last\_is]), or <kw>([length\_is]) clause must not be of a data type that is declared to have a <kw>([represent\_as]) type. Change either the referenced parameter or field data type, or the data type definition itself.**0x132830df NIDL\_SIZEVARXMITAS****Severity:** Varies      **Component:** idl**Text:** A size attribute variable must not have a transmit\_as type**Explanation:** The parameter or field referenced in a <kw>([max\_is]), <kw>([size\_is]), <kw>([first\_is]), <kw>([last\_is]), or <kw>([length\_is]) clause must not be of a data type that is declared to have a <kw>([transmit\_as]) type.**Action:** Change either the referenced parameter or field data type, or the data type definition itself. The parameter or field referenced in a <kw>([min\_is]), <kw>([max\_is]), <kw>([size\_is]), <kw>([first\_is]), <kw>([last\_is]), or <kw>([length\_is]) clause must not be of a data type that is declared to have a <kw>([transmit\_as]) type. Change either the referenced parameter or field data type, or the data type definition itself.

**0x132830e0 NIDL\_SMALLARRSYN**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [v1\_array] must be in array, not pointer, syntax

**Explanation:** The <kw>([v1\_array]) attribute is for compatibility with NCS Version 1 arrays. NCS Version 1 NIDL did not allow pointers to represent arrays.

**Action:** Define the array using array syntax.

**0x132830e1 NIDL\_SMALLCFMT**

**Severity:** Varies      **Component:** idl

**Text:** A conformant [v1\_array] must also be varying

**Explanation:** An array with the <kw>([v1\_array]) attribute that has a conformant upper bound that is not fixed must also be varying (it must have a <kw>([last\_is]) or <kw>([length\_is]) attribute in addition to the <kw>([max\_is]) or <kw>([size\_is]) attribute).

**Action:** If compatibility with NCS Version 1 NIDL is not necessary, remove the <kw>([v1\_array]) attribute. Otherwise, add a <kw>([last\_is]) or <kw>([length\_is]) attribute to the declaration.

**0x132830e2 NIDL\_SMALLINV**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [v1\_array] is invalid for an array with more than 65535 elements

**Explanation:** An array with the <kw>([v1\_array]) attribute is limited to a total of 65535 or fewer elements. The declared array has too many elements to be <kw>([v1\_array]).

**Action:** Remove the <kw>([v1\_array]) attribute from the array declaration.

**0x132830e3 NIDL\_SMALLMINFIRST**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [v1\_array] cannot occur with the [min\_is] or [first\_is] attributes

**Explanation:** The only valid array attributes for the <kw>([v1\_array]) attribute are <kw>([max\_is]), <kw>([last\_is]), and <kw>([length\_is]).

**Action:** If you require compatibility with NCS Version 1 NIDL, the lower bound of the array must be fixed; therefore, remove the <kw>([first\_is]) attribute and change the array declaration. Otherwise, remove the <kw>([v1\_array]) attribute. The only valid array attributes for the <kw>([v1\_array]) attribute are <kw>([max\_is]), <kw>([size\_is]), <kw>([last\_is]), and <kw>([length\_is]). If you require compatibility with NCS Version 1 NIDL, the lower bound of the array must be fixed; therefore, remove the <kw>([min\_is]) or <kw>([first\_is]) attribute and change the array declaration. Otherwise, remove the <kw>([v1\_array]) attribute.

**0x132830e4 NIDL\_SMALLMULTID**

**Severity:** Varies      **Component:** idl

**Text:** A [v1\_array] can be conformant or varying in first dimension only

**Explanation:** An array with the <kw>([v1\_array]) attribute is limited to a conformant or varying upper data limit in the first dimension only.

**Action:** Remove the <kw>([v1\_array]) attribute from the array declaration.

**0x132830e5 NIDL\_SMALLOPENLB**

**Severity:** Varies      **Component:** idl

**Text:** A [v1\_array] cannot have a conformant lower bound

**Explanation:** A <kw>([v1\_array]) specifies that the array be handled in a manner compatible with NCS Version 1 NIDL, which did not support non-fixed lower bounds for arrays.

**Action:** If compatibility with NCS Version 1 is required, the array must not have a conformant lower bound. Otherwise, remove the <kw>([v1\_array]) attribute.

**0x13283117 NIDL\_SRCFILELEN**

**Severity:** Varies      **Component:** idl

**Text:** Length of source filename and stub suffix exceed 8 chars

**Explanation:** None

**Action:** None

**0x13283118 NIDL\_SRCFILEREQ**

**Severity:** Varies      **Component:** idl

**Text:** A source IDL filename is required

**Explanation:** The command line does not contain a source IDL file to compile.

**Action:** You must specify a source IDL file. You may have erroneously specified the source IDL file when actually you gave a value to a command option.

**0x1328302a NIDL\_SRVNOCODE**

**Severity:** Varies      **Component:** idl

**Text:** Warning: The attribute [nocode] does not apply to server stub

**Explanation:** A server for an interface must support all of the routines in that interface, therefore, the <kw>([nocode]) ACF attribute is not valid when you use IDL to generate only server stub code.

**Action:** This is a warning, so no action is required. If you want to remove the warning message, create a new ACF for the interface that does not use the <kw>([nocode]) attribute. Or change the command line used so stub generation is not limited to the server stub.

**0x13283169 NIDL\_STATICIGN**

**Severity:** Varies      **Component:** idl

**Text:** Warning: Static property or ACF attribute [cxx\_static] is ignored except for -lang cxx

**Explanation:** The IDL <kw>(static) keyword on an operation, as well as the ACF <kw>([cxx\_static]) attribute on an operation, only pertain to interfaces that are compiled with the <kw>(-lang cxx) IDL compiler option.

**Action:** If your application code is written in C++, then you must use the <kw>(-lang cxx) option to the IDL compiler in order to enable generation of C++ header file and stub files. Otherwise, no action is required, since the static property is ignored, and the IDL compiler continues processing. To eliminate the warning message, remove the static property from the declaration.

**0x132830e6 NIDL\_STRARRAY**

**Severity:** Varies      **Component:** idl

**Text:** Arrays of strings are not allowed

**Explanation:** None

**Action:** None

#### 0x132830e7 NIDL\_STRARRAYV1

**Severity:** Varies      **Component:** idl

**Text:** The attribute [string] cannot be applied to a [v1\_array]

**Explanation:** A string that is compatible with the NCS Version 1 NIDL <kw>(string0) data type must have the <kw>([v1\_array]) and <kw>([v1\_string]) attributes. The <kw>([string]) attribute only applies without the <kw>([v1\_array]) attribute. A <kw>([v1\_array]) is for compatibility with NCS Version 1 NIDL.

**Action:** If compatibility with NCS Version 1 NIDL is required, place the <kw>([v1\_string]) attribute on the declaration. Otherwise, remove the <kw>([v1\_array]) attribute from the array declaration.

#### 0x132830e8 NIDL\_STRCHARBYTE

**Severity:** Varies      **Component:** idl

**Text:** The attribute [string] is valid only for one-dimensional array of valid base type

**Explanation:** The <kw>([string]) attribute flags that an array is a string. Strings must be arrays whose base type is one of the following: char, byte, unsigned short, unsigned long, or a structure whose fields are all scalar byte fields.

**Action:** Remove the <kw>([string]) attribute, or change the data type so it is a valid string.

#### 0x132830e9 NIDL\_STRUCTXMITCFMT

**Severity:** Varies      **Component:** idl

**Text:** Structures with [transmit\_as] or [represent\_as] cannot be conformant

**Explanation:** IDL does not support a conformant structure with the <kw>([transmit\_as]) or <kw>([represent\_as]) attribute.

**Action:** Either change the declaration so the structure fields are of a fixed size and have none of the conformant array attributes <kw>([max\_is]) or <kw>([size\_is]), or remove the <kw>([transmit\_as]) or <kw>([represent\_as]) attribute. IDL does not support a conformant structure with the <kw>([transmit\_as]) or <kw>([represent\_as]) attribute. Either change the declaration so the structure fields are of a fixed size and have none of the conformant array attributes <kw>([min\_is]), <kw>([max\_is]), or <kw>([size\_is]), or remove the <kw>([transmit\_as]) or <kw>([represent\_as]) attribute.

**0x132830ea NIDL\_STRUNTERM**

**Severity:** Varies      **Component:** idl

**Text:** Unterminated string literal

**Explanation:** There is a missing closing double quote (<kw>("")) on the string literal.

**Action:** Make sure the the closing quote for the string literal is on the same source line as the starting quote. Also verify that any double quote characters internal to the string are preceded by the escape character (<literal>()).

**0x132830eb NIDL\_STRV1ARRAY**

**Severity:** Varies      **Component:** idl

**Text:** The [v1\_string] attribute can only be applied to a [v1\_array]

**Explanation:** A <kw>([v1\_string]) is compatible with the NCS Version 1 NIDL <kw>(string0) data type. It can be applied only to an array compatible with NCS Version 1. For example, an array with the <kw>([v1\_array]) attribute.

**Action:** If compatibility with NCS Version 1 NIDL is required, place the <kw>([v1\_array]) attribute on the array. Otherwise, change the <kw>([v1\_string]) attribute to <kw>([string]), that is a generalization of <kw>([v1\_string]).

**0x132830ec NIDL\_STRV1FIXED**

**Severity:** Varies      **Component:** idl

**Text:** A [v1\_string] must be an array of char with fixed bounds

**Explanation:** A <kw>([v1\_string]) is compatible with the NCS Version 1 NIDL <kw>(string0) data type. It must be a single dimensioned array of <kw>(char) with a zero lower bound and a fixed upper bound.

**Action:** If compatibility with NCS Version 1 NIDL is required, change the declaration accordingly. Otherwise, see the documentation regarding the <kw>([string]) attribute.

**0x132830ed NIDL\_STRVARY**

**Severity:** Varies      **Component:** idl

**Text:** A [string] array cannot have varying array attributes

**Explanation:** The <kw>([string]) attribute says that the length of a string is an intrinsic property of the string itself; for example, C strings are zero-terminated.



**Action:** Remove any <kw>([first\_is]), <kw>([last\_is]), or <kw>([length\_is]) clauses from the string declaration.

**0x132830ee NIDL\_STSATTRONCE**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [%1\$s] can occur at most once per operation

**Explanation:** A <kw>([comm\_status]) or <kw>([fault\_status]) parameter or operation result is used to return an error code if a certain type of error occurs during execution of an operation. Do not use either attribute more than once per operation.

**Action:** Remove the redundant usages of the attribute from the interface's Attribute Configuration File (ACF).

**0x132830ef NIDL\_STSPRMOUT**

**Severity:** Varies      **Component:** idl

**Text:** A parameter with [%1\$s] must be an [out] parameter

**Explanation:** A <kw>([comm\_status]) or <kw>([fault\_status]) parameter is used to return an error code if a certain type of error occurs during execution of an operation. Thus, it must be an <kw>([out]) parameter.

**Action:** Place the <kw>([out]) attribute on the parameter.

**0x132830f0 NIDL\_STSRETVAL**

**Severity:** Varies      **Component:** idl

**Text:** An operation with [%1\$s] must return a value of type error\_status\_t

**Explanation:** The <kw>([comm\_status]) or <kw>([fault\_status]) attribute on an operation signifies that the return value of the operation is used to return an error code if a certain type of error occurs during execution of an operation. Thus, the operation must be declared to deliver a result of data type <kw>(error\_status\_t).

**Action:** Declare the operation result to be of data type <kw>(error\_status\_t).

**0x132830f1 NIDL\_STSVARTYPE**

**Severity:** Varies      **Component:** idl

**Text:** A parameter with [%1\$s] must be of type error\_status\_t

**Explanation:** A <kw>([comm\_status]) or <kw>([fault\_status]) parameter or function result is used to return an error code if a certain type of error occurs during execution of an operation. The data type of the variable must be <kw>(error\_status\_t).

**Action:** Declare the variable to be of data type <kw>(error\_status\_t).

**0x13283010 NIDL\_STUBCOMPILE**

**Severity:** Varies      **Component:** idl

**Text:** Compiling stub module %1\$s

**Explanation:** None

**Action:** None

**0x13283011 NIDL\_STUBCREATE**

**Severity:** Varies      **Component:** idl

**Text:** Creating stub module %1\$s

**Explanation:** None

**Action:** None

**0x13283012 NIDL\_STUBDELETE**

**Severity:** Varies      **Component:** idl

**Text:** Deleting stub module %1\$s

**Explanation:** None

**Action:** None

**0x1328312a NIDL\_SWATTRNEU**

**Severity:** Varies      **Component:** idl

**Text:** A [switch\_is] attribute is only valid on a nonencapsulated union

**Explanation:** A <kw>([switch\_is]) attribute is used on a union type to identify the union discriminator variable. It is not valid on a non-union type. It is also not valid on an encapsulated union type, where the union discriminator variable is encapsulated as a field within the union type.

**Action:** Use the <kw>([switch\_is]) attribute only on instances of nonencapsulated union types.

**0x1328312b NIDL\_SWDATATYPE**

**Severity:** Varies      **Component:** idl

**Text:** Data type of [switch\_is] variable %1\$s does not agree with [switch\_type] %2\$s

**Explanation:** The data type of the variable referenced in the <kw>([switch\_is]) clause must be the same as the data type referenced in the <kw>([switch\_type]) clause of the item's type definition.

**Action:** Make sure that all instances of a type that has the <kw>([switch\_type]) attribute have a <kw>([switch\_is]) clause whose data type agrees with the <kw>([switch\_type]).

**0x1328312c NIDL\_SWTYPENEU**

**Severity:** Varies      **Component:** idl

**Text:** A [switch\_type] attribute is only valid on a nonencapsulated union type

**Explanation:** A <kw>([switch\_type]) attribute is used on a union type to identify the union discriminator type. It is not valid on a non-union type. It is also not valid on an encapsulated union type, where the union discriminator type and variable must be specified in a <kw>(switch) clause.

**Action:** Use the <kw>([switch\_type]) attribute only on definitions of nonencapsulated union types.

**0x132830f2 NIDL\_SYNTAXERR**

**Severity:** Varies      **Component:** idl

**Text:** Syntax error

**Explanation:** The source input is incorrect and no interpretation can be made.

**Action:** Examine the source input on and near the source listed and correct any errors.

**0x132830f3 NIDL\_SYNTAXNEAR**

**Severity:** Varies      **Component:** idl

**Text:** Syntax error near \"%2\$.\*1\$s\"

**Explanation:** The source input is incorrect and no interpretation can be made for <v>(source-text).

**Action:** Examine the source input on and near the source listed and correct any errors.

**0x132830f4 NIDL\_SYNTAXUUID**

**Severity:** Varies      **Component:** idl

**Text:** Syntax error in UUID format

**Explanation:** The UUID specified in the <kw>([uuid]) attribute of an interface is not in a valid format.

**Action:** Make sure the UUID is transcribed correctly and contains the required punctuation.

**0x132830f5 NIDL\_SYSERRMSG**

**Severity:** Varies      **Component:** idl

**Text:** System error message: %1\$s

**Explanation:** Identifies the cause of the previous error.

**Action:** See the system documentation for an explanation of the error message.

**0x1328302b NIDL\_SYSIDLNAME**

**Severity:** Varies      **Component:** idl

**Text:** Warning: File %1\$s is a system-defined IDL filename

**Explanation:** The file <v>(filename) has the same name as an RPC-supplied system IDL file. This can cause unexpected compilation errors, such as missing declarations of IDL predefined types.

**Action:** Rename <v>(filename) so it does not conflict with any of the system-defined IDL filenames.

**0x13283157 NIDL\_TAGAFTDATA**

**Severity:** Varies      **Component:** idl

**Text:** A [cs\_rtag] parameter must precede any [out] [cs\_char] data in a parameter list

**Explanation:** A <kw>([cs\_rtag]) parameter must occur in an operation's parameter list before any [out] parameters containing types with the [cs\_char] ACF attribute.

**Action:** Re-order the parameters to meet this requirement.

**0x13283156 NIDL\_TAGBEFDATA**

**Severity:** Varies      **Component:** idl

**Text:** A [cs\_stag] parameter must precede any [in] [cs\_char] data in a parameter list

**Explanation:** A <kw>([cs\_stag]) parameter must occur in an operation's parameter list before any [in] parameters containing types with the [cs\_char] ACF attribute.

**Action:** Re-order the parameters to meet this requirement.

**0x1328315e NIDL\_TAGPRMTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Tag parameters must have type unsigned long int passed by value or reference

**Explanation:** Parameters to which tag attributes (<kw>([cs\_stag]), <kw>([cs\_drtag]), or <kw>([cs\_rtag])) are attached must be either <v>(unsigned long) integer values or <v>(unsigned long) integers passed by reference.

**Action:** Change the parameter types as required.

**0x132830f6 NIDL\_TOOMANYELEM**

**Severity:** Varies      **Component:** idl

**Text:** Too many elements in %1\$s

**Explanation:** The <kw>(enum) <v>(item) contains more than 32767 elements.

**Action:** Reduce the number of elements included in the <kw>(enum).

**0x132830f7 NIDL\_TOOMANYPORT**

**Severity:** Varies      **Component:** idl

**Text:** Too many endpoint specifications; Maximum is %1\$lu

**Explanation:** There are more endpoint specifications than IDL can process.

**Action:** Remove some of the endpoint specifications listed in the <kw>([endpoint]) attribute. Specify at most <v>(number) endpoint specifications for an interface.

**0x1328313d NIDL\_TYPEATTRUSE**

**Severity:** Varies      **Component:** idl

**Text:** Type with [%1\$s] cannot be used in definition of type with [%2\$s]

**Explanation:** IDL restricts the use of the two attributes such that the base type of a type that has the first attribute must not contain the second attribute in its definition.

**Action:** Refer to the IDL documentation on the two attributes for more information.

**0x1328315c NIDL\_TYPECTYPE**

**Severity:** Varies      **Component:** idl

**Text:** Type with [%1\$s] cannot be or contain type with [%2\$s]

**Explanation:** A type with the first attribute cannot also have the second attribute, nor can it contain any type which has the second attribute.

**Action:** The two features cannot interact on a single type. Consider alternate ways to achieve the desired result.

**0x1328314d NIDL\_TYPENEST**

**Severity:** Varies      **Component:** idl

**Text:** Types with the [%1\$s] attribute cannot be nested

**Explanation:** A type with the indicated attribute cannot include another type with the same attribute.

**Action:** Do not nest types with the attribute.

**0x132830f8 NIDL\_TYPENOTFND**

**Severity:** Varies      **Component:** idl

**Text:** Type name: %1\$s not found

**Explanation:** The type <v>(name) is not declared at this point in the interface declaration.

**Action:** Correct the spelling of <v>(name) if incorrect, and make sure that a definition of <v>(name) precedes the reference.

**0x1328315d NIDL\_TYPEOFBYTES**

**Severity:** Varies      **Component:** idl

**Text:** Type with [%1\$s] must resolve to byte or structure containing only byte fields

**Explanation:** A type with the indicated attribute must be defined as an IDL type that resolves to byte or to a structure type in which all of the fields have types which resolve to byte.

**Action:** Change the type definition, or remove the attribute if it is not needed.

**0x13283013 NIDL\_TYPEREPAS**

**Severity:** Varies      **Component:** idl

**Text:** Type %1\$s has a represent\_as data type %2\$s

**Explanation:** IDL does not allow a data type that has a <kw>([represent\_as]) type to itself be used as a <kw>([represent\_as]) type in another type definition.

**Action:** The message gives information to help you locate the problem.

**0x1328312e NIDL\_TYPEREPCFMT**

**Severity:** Varies      **Component:** idl

**Text:** A type with the [represent\_as] attribute cannot be conformant

**Explanation:** IDL does not allow a conformant network type to have a local represented type.

**Action:** Use a valid IDL construct.

**0x132830f9 NIDL\_TYPLINEATTR**

**Severity:** Varies      **Component:** idl

**Text:** Type attributes [in\_line] and [out\_of\_line] cannot occur together

**Explanation:** The <kw>([in\_line]) and <kw>([out\_of\_line]) attributes are opposite in meaning. You can specify at most one of these attributes on a type.

**Action:** Remove one of the conflicting attributes.

**0x132830fa NIDL\_TYPNOTDEF**

**Severity:** Varies      **Component:** idl

**Text:** Type name %1\$s referenced in ACF is not defined

**Explanation:** The context in which a type name is used in the Attribute Configuration File (ACF) requires that the type be defined in the corresponding IDL file.

**Action:** See if the referenced type is defined in some other interface. If so, the ACF reference belongs in the ACF for that interface. Check for typographical errors in both the IDL and ACF files. Check that you have not omitted a type definition in the IDL file.

**0x132830fd NIDL\_UNBALBRACES**

**Severity:** Varies      **Component:** idl

**Text:** Unbalanced braces

**Explanation:** The number of left braces and right braces are not equal.

**Action:** Make sure the number of left braces equals the number of right braces and that each brace is in the correct place.

**0x132830fc NIDL\_UNBALBRACKETS**

**Severity:** Varies      **Component:** idl

**Text:** Unbalanced brackets

**Explanation:** The number of left brackets and right brackets are not equal.

**Action:** Make sure the number of left brackets equals the number of right brackets and that each bracket is in the correct place.

**0x132830fb NIDL\_UNBALPARENS**

**Severity:** Varies      **Component:** idl

**Text:** Unbalanced parentheses

**Explanation:** The number of left parentheses and right parentheses are not equal.

**Action:** Make sure the number of left parentheses equals the number of right parentheses and that each parenthesis is in the correct place.

**0x132830fe NIDL\_UNIDISCTYP**

**Severity:** Varies      **Component:** idl

**Text:** A union discriminator type must be small, short, long, char, boolean, or enum



**Explanation:** The discriminator of a <kw>(union), that determines which case of the <kw>(union) is used, is restricted to integer, character, enumeration, and boolean data types. Also, <kw>(hyper int) discriminators are not allowed.

**Action:** Change the discriminator to one of the valid data types. Make sure the data type of the <kw>(constant) values in the <kw>(case) clauses within the <kw>(union) agree with the discriminator data type.

**0x132830ff NIDL\_UNIQATTRHAN**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [unique] is invalid on a binding handle parameter

**Explanation:** The first parameter in an operation is a <kw>(handle) parameter, which is either of type <kw>(handle\_t) or a type with the <kw>([handle]) attribute. A binding handle parameter cannot have the <kw>([unique]) attribute because it cannot be <kw>(NULL).

**Action:** Remove the <kw>([unique]) attribute from the parameter.

**0x13283100 NIDL\_UNIQATTRPTR**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [unique] is valid only for pointer types or array parameter types

**Explanation:** The <kw>([unique]) attribute modifies the default behavior of any pointer type or an array parameter data type. It is not valid on other data types. Note that a <kw>(void \*) object is not considered a pointer.

**Action:** There may be a missing asterisk (<kw>(\*)) in your declaration. If not, remove the <kw>([unique]) attribute.

**0x13283101 NIDL\_UNIQCTXHAN**

**Severity:** Varies      **Component:** idl

**Text:** [unique] pointers to context handles are not allowed

**Explanation:** IDL does not allow <kw>([unique]) pointers to context handles.

**Action:** If the declaration has the <kw>([unique]) attribute, either explicitly or by default, change it to a <kw>([ref]) pointer. However, if the declaration is an operation result, it cannot be a <kw>([ref]) pointer and an operation resulting in a pointer to a context handle is not valid.

**0x13283102 NIDL\_UNIQFUNRES**

**Severity:** Varies      **Component:** idl

**Text:** A [unique] function result is not valid

**Explanation:** Unlike <kw>([out]) parameters, there is never any preexisting storage in the caller for pointer-valued function results. The pointer always points to new storage. This is the capability provided only by full pointers, not by <kw>([unique]) pointers.

**Action:** Remove the <kw>([unique]) attribute from the type definition of the data type for the function result.

**0x13283119 NIDL\_UNKFLAG**

**Severity:** Varies      **Component:** idl

**Text:** Unknown command line option: %1\$s

**Explanation:** You entered an invalid command line option.

**Action:** Check the command line for typographical errors. See the documentation for proper command line syntax.

**0x13283103 NIDL\_UNKNOWNATTR**

**Severity:** Varies      **Component:** idl

**Text:** Unknown attribute [%1\$s]

**Explanation:** The attribute specified is not a valid IDL attribute.

**Action:** Check for spelling errors or misplaced syntax.

**0x13283014 NIDL\_USAGE**

**Severity:** Varies      **Component:** idl

**Text:** Usage: idl filename [options]

**Explanation:** Lists the format of the <kw>(idl) command that invokes the IDL compiler.

**Action:** Use the <kw>(-confirm) option to see a list of all to determine those you need.

**0x13283104 NIDL\_USETRANS**

**Severity:** Varies      **Component:** idl

**Text:** Obsolete feature encountered; Use translator

**Explanation:** A feature of NCS Version 1 NIDL was encountered that is not supported in the IDL compiler. You may be compiling an NCS Version 1 NIDL source file.

**Action:** If the input is a NCS Version 1 NIDL source file, process it with the translator utility (the <kw>(nidl\_to\_idl) command) that converts an NCS Version 1 NIDL source file into the format expected by the IDL compiler. Then compile the translated source file. Otherwise, remove the reference to the obsolete feature.

**0x13283105 NIDL\_UIDINV**

**Severity:** Varies      **Component:** idl

**Text:** The attribute [uuid] is invalid when the [local] attribute is specified

**Explanation:** The <kw>([local]) interface attribute flags that an interface is not for RPC use, but is only a local header generation mechanism. The <kw>([uuid]) attribute is only used for RPC interfaces.

**Action:** Remove one of the conflicting attributes.

**0x13283106 NIDL\_VARDECLNOSUP**

**Severity:** Varies      **Component:** idl

**Text:** Variable declarations are not supported; declaration of %1\$s ignored

**Explanation:** IDL does not support the declaration of variables. The types of data that can be declared in IDL are; constants, types, and functions. The declaration of <v>(variable) is not a function and is incorrect.

**Action:** If intended as a function declaration, correct the declaration so the top-level declaration is a function. Otherwise, remove the declaration.

**0x13283015 NIDL\_VERSION**

**Severity:** Varies      **Component:** idl

**Text:** DCE IDL compiler version %1\$s

**Explanation:** Identifies the current version of the IDL compiler.

**Action:** Use this version number when submitting bug reports.

**0x13283107 NIDL\_VOIDOPPTR**

**Severity:** Varies      **Component:** idl

**Text:** void is valid only in an operation or a context handle pointer declaration

**Explanation:** The <kw>(void) keyword is only valid as the return value of an operation, or as part of a <kw>(void \*) declaration. Note also that in RPC interfaces, <kw>(void \*) is only valid if the <kw>([context\_handle]) attribute is also specified on the data item.

**Action:** There may be a missing <kw>(\*) in your declaration. If not, change the <kw>(void) reference to some valid data type.

**0x13283108 NIDL\_XMITASREP**

**Severity:** Varies      **Component:** idl

**Text:** A type used in a [transmit\_as] clause cannot have a [represent\_as] type

**Explanation:** The type used in a <kw>([transmit\_as]) clause specifies an alternative type that a base IDL type is translated to or from and before or after transmission over the network. The type used in a <kw>([represent\_as]) clause is an alternative type that a base IDL type is translated from or to at the application code-to-stub code interface. Going from base IDL type to transmittable type and then to a <kw>([represent\_as]) type (that may not be transmittable) is invalid.

**Action:** You may have meant to put a <kw>([represent\_as]) clause on the base IDL type, not its transmittable type.

**0x13283109 NIDL\_XMITCFMTARR**

**Severity:** Varies      **Component:** idl

**Text:** A [transmit\_as] or [represent\_as] type cannot be a conformant array

**Explanation:** A type specified in a <kw>([transmit\_as]) clause or a type with the <kw>([transmit\_as]) or <kw>([represent\_as]) attribute cannot be a conformant array, since there is nowhere to attach the size information attribute that is needed to transmit the data.

**Action:** Define a structure that contains a conformant array and a size information field instead of using a conformant array directly.

**0x13283155 NIDL\_XMITCTYPE**

**Severity:** Varies      **Component:** idl

**Text:** A [transmit\_as] transmitted type cannot contain a [%1\$s] type

**Explanation:** The indicated attribute cannot be applied to any type which is used as the transmitted type used in a <kw>([transmit\_as]) attribute or any type which is used in the definition of the transmitted type used in a <kw>([transmit\_as]) attribute.

**Action:** Do not use the attribute on the transmitted type specified in the <v>([transmit\_as(transmitted\_type)]) attribute or any other type that is contained within that transmitted type.

**0x1328310a NIDL\_XMITPIPEBASE**

**Severity:** Varies      **Component:** idl

**Text:** The base type of a pipe cannot be a [transmit\_as] type

**Explanation:** IDL does not allow the base type of a <kw>(pipe) to have the <kw>([transmit\_as]) attribute.

**Action:** Declare the base type of the <kw>(pipe) to be the data type in the <kw>([transmit\_as]) clause.

**0x1328310b NIDL\_XMITPTR**

**Severity:** Varies      **Component:** idl

**Text:** A translated transmittable type cannot contain [%1\$s] pointers

**Explanation:** A transmittable type that is derived by calling a translation routine, for example, a <kw>(from\_local) translation of a <kw>([represent\_as]) type or a <kw>(to\_xmit) translation of a <kw>([transmit\_as]) type, cannot contain pointers of the indicated type.

**Action:** Define a transmittable type that does not contain invalid pointers. If using <kw>([represent\_as]), reconsider using it.

**0x1328310c NIDL\_XMITTYPEATTRS**

**Severity:** Varies      **Component:** idl

**Text:** A type with [transmit\_as] cannot have other type attributes

**Explanation:** A data type with the <kw>([transmit\_as]) attribute (the presented type) has an associated transmittable type, and you must write routines to convert the presented type to or from the transmittable type. Only the transmittable type is relevant to the RPC mechanism, thus it is incorrect for the presented type to have additional RPC-specific attributes.

**Action:** Remove any type attributes other than <kw>([transmit\_as]).