

S/Mime Secure Messaging Architecture

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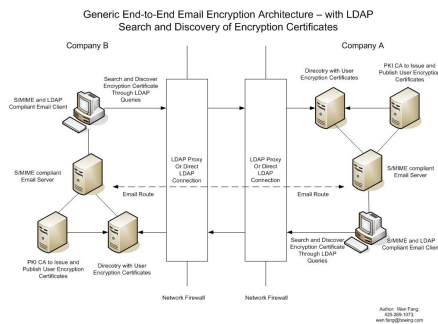
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Structure

- Architecture Overview
 - Mike Lambert

- “To User” Model
 - Wen Fang

- “To Desktop” Model
 - Russ Chung



Objective of S/Mime Secure Messaging Architecture

- ❑ Defines the components of a secure messaging system based on the S/MIME set of standards, their relationships to each other and to the environment in which they operate.
- ❑ Messaging professionals who know and understand the content of this architecture should be capable of designing and/or deploying a secure messaging system based on the S/MIME set of standards

Scope

- ❑ Secure e-mail systems that use cryptographic approaches based on the IETF S/MIME set of standards.
 - (desktop-) to-desktop
 - (gateway-) to-gateway
- ❑ High level description of the S/MIME Secure Messaging Architecture
- ❑ References to full definitions of individual components

Future Directions

- ❑ Other cryptographic approaches
- ❑ The use of secure Web mail
- ❑ Security of other forms of messaging

Linkage to Certification

- S/Mime Secure Messaging Certification is based on the content of the S/Mime Secure Messaging Architecture
 - Professional Services
 - Training Courses
 - Practitioners