Certs in E-mail
APPSAREA, IETF 88
Certs in transit

- Client cert: can be ID for submission
- Server cert: rarely checked at all, DANE TLSA
- Sometimes used for closed networks
Certs in retrieval

- Client cert: never checked that I've seen
- Server cert: rarely checked at all
- Also DANE TLSA
Certs in messages

- S/MIME signatures and encryption
- Wide MUA support
- Key management stinks

From: me
To: you
Subject: blah

Message contents text and other MIME stuff

S/MIME signature