Email and TLS

draft-ietf-uta-email-deep-00
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DEEP Overview

- Focus on MUAs IMAP/POP/Submission (does not cover MTA relay)

- Privacy Assurance Level for mail account (UI indicator, TLS use, cert verification)

- Prefer Implicit TLS over STARTTLS

- Security Tags, Latching (like HSTS)

- Logging/reporting, Protocol Details

Changes in draft

- Technical content believed largely complete

- Renamed "low" privacy assurance to "no" confidentiality assurance

- Other word-smithing

- now a WG draft

- TODO: fold in comments from Russ, reference TLS BCP

Open Issues

- Need deployment data on port 465 vs. 587 (help welcome).

- Design tradeoff for upgrading from no security to passive-defense only

- Update IMAP mandatory-to-implement?

- Improve document organization/clarity

- WG specific document text suggestions