IMAP4 revision 2

draft-ietf-extra-imap4rev2-20.txt
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Goals - general

- Make life easier for <u>client</u> developers who would be able to only implement IMAP4rev2 in the future

  - But try not to boil the ocean in the process

- Easy to implement for IMAP4rev1 server implementors, as they do most of the new things included in IMAP4rev2 already

- IMAP4rev2 can co-exist with IMAP4rev1 on the same port

Changes done in WG -20 since -17

- Clarified changes since earlier versions of IMAP/added references in the Introduction

- Clarified that STARTTLS issued once TLS is already active results in the BAD response

- SELECT/EXAMINE now require an untagged LIST response

- Clarified that UIDNEXT/UIDVALIDITY response codes are required on SELECT/EXAMINE

- Clarified how server side mailbox name normalization results are returned to the client in untagged LIST responses.

Changes done in WG -20 since -17 (continued)

- Clarified that a single ESEARCH is returned for all SEARCH options from IMAP4rev2 document

- Moved FETCH <section> specification to a new subsection

- Clarified handling of non well formed header fields in various places.

- Added TLS 1.3 reference. Allow TLS 1.2 and TLS 1.3 use.

- Cleaned up Appendix D (changes since RFC 3501)

- Added Appendix E: "other recommended IMAP extensions". Currently it only lists QRESYNC/CONDSTORE and OBJECTID

Allow 64 bit message/body part in FETCH?

- Server implementations don't have to allow values over 4Gb, but they can.

- Clients will need to accept that.

- Only after ENABLE IMAP4rev2.

- **I should have asked on the mailing list, but I forgot!**

Recommended extensions

- Already mentioned: CONDSTORE/QRESYNC/OBJECTID.

- ACL?

- MULTISEARCH?

- Any other from https://www.iana.org/assignments/imap-capabilities/imap-capabilities.xhtml?

Next steps

- DONE DONE DONE!

- AD review from Murray Kucherawy