Goals - general

• Make life easier for client 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