

Message Submission BURL Extension

draft-newman-lemonade-burl-01.txt
IETF 60 San Diego, CA, 2004-08-02

Recent Changes

- Detailed Security Considerations
- Updates RFC 3463 (Enhanced SMTP Status Codes) with new errors
 - x.6.6 Message Content not available
 - x.7.8 Trust relationship required
- Response codes example section

Interactions with other standards

- 8BITMIME support required
- punt or support binary MIME
- punt or support unlabeled 8-bit headers.
- BURL and chunking (BDAT) may be mixed, final command has “LAST” marker.
- PIPELINING + BURL works on entire transaction.

Simplifications

- Base BURL only supports “imap” option and “imap://imap.example.com” option. Does not preclude addition of future URL forms by subsequent standards action.
- URL is resolved before status code is returned by Submit server to eliminate race-condition issues.

TODO

- The following two references are now not normative (need to fix):
 - CHUNKING (BDAT)
 - PIPELINING
- Require SMTP AUTH explicitly.

Open Issue

- Split authorization into separate argument?
- Pro
 - Removes concern about “leakage” of URLAUTH URLs into other contexts
- Cons
 - More complex
 - Requires change to URLAUTH draft first