

IMAP QUOTA extension

draft-ietf-extra-quota-02.txt

Alexey Melnikov <alexey.melnikov@isode.com>

Goals/History

- Revision of RFC 2087
- Based on an earlier draft co-edited with Dave Cridland

Changes done in WG -02 since -01

- Removed text saying that "if you see STORAGE/MESSAGE without QUOTA=RES-STORAGE/QUOTA=RES-MESSAGE capability, they mean something else"
- SETQUOTA command is now optional to implement. When implemented, it is advertised by a separate capability: QUOTASET
- Renamed DELETED-MESSAGES STATUS item to DELETED, to match IMAP4rev2 draft
- Resource usage and resource limit at now unsigned 63 bit
- New section about interaction with IMAP ACL extension
- Restrict future extensions to QUOTA to IETF Stream

Open Issues

(1 of 3)

- IMAP ACL rights required for different commands:
 - GETQUOTA - no rights required, as it takes a quota root name, which should have been learned from GETQUOTAROOT command
 - GETQUOTAROOT - "r" (mailbox read) or nothing (doesn't have to be an existing mailbox name)?
 - SETQUOTA - "a" (admin)

Open Issues

(2 of 3)

- Should "DELETED" status item be required to be implemented for anything other than QUOTA-RES=MESSAGE?
- Similarly, should "DELETED-STORAGE" status item be required to be implemented for anything other than QUOTA-RES=STORAGE?

Open Issues

(3 of 3)

- “OVERQUOTA SP tag” syntactic issue
- IMAP response codes (and parameters) are not allowed to contain “]”.
- drop “SP tag” or update IMAP4rev2 to disallow “]” in IMAP command tags?

Future directions

- Is anything missing from the document?
- Should anything be simplified/removed?

Next steps

- Ready for WGLC