IMAP Quick Reconnect

Alexey Melnikov
Dave Cridland
Corby Wilson

draft-ietf-lemonade-reconnect-client-03
Changes since the last revision

• Fixed description of the synchronization sequence to properly describe how HIGHESTMODSEQ and FETCH MODSEQ are used
  – Record all received FETCH MODSEQ
  – Update client's copy of HIGHESTMODSEQ upon receipt of the tagged OK/NO response, NOT while receiving it
• Fixed a couple of typos in the ABNF
  – It is all Dave's fault :-)
• Ready for IETF LC
IMAP URL

Chris Newman
Alexey Melnikov
Stéphane Maes

draft-ietf-lemonade-rfc2192bis-04
Changes since the last revision (1/2)

- Removed “mailbox list” URL type
  - Was not deployed & was not designed properly
- Clarified encoding requirements for relative IMAP URLs (e.g. encoding of “..” and leading “/”)
- Removed some advices about connection reuse, which were incorrect
- Added examples demonstrating security considerations when resolving URLs
- Security Consideration specific to URLAUTH authorized URL
Changes since the last revision (2/2)

- Removed text about relative URL resolution in MHTML
- Updated references
Open Issues/ToDo

• Some minor editorial issues in ABNF remain
  – Need WGLC to resolve them
LEMONADE Profile bis

Stéphane Maes
Alexey Melnikov
Dave Cridland
Profile MUST implement

<table>
<thead>
<tr>
<th>IMAP</th>
<th>ESMTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>STARTTLS</td>
<td>AUTH</td>
</tr>
<tr>
<td>CATENATE</td>
<td>STARTTLS</td>
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<tr>
<td>URLAUTH</td>
<td>PIPELINING</td>
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<tr>
<td>UIDPLUS</td>
<td>8BITMIME</td>
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<tr>
<td>LITERAL+</td>
<td>CHUNKING</td>
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<td>CONDSTORE</td>
<td>BINARYMIME</td>
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<tr>
<td>NAMESPACE</td>
<td>DSN</td>
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<tr>
<td>IDLE</td>
<td>SIZE</td>
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<td></td>
<td>ENHANCEDSTATUSCODES</td>
</tr>
<tr>
<td></td>
<td>BURL</td>
</tr>
</tbody>
</table>
Phase bis - MUST implement (IMAP)

- All of Profile
- Quick Reconnect (QRESYNC)
- Search extensions: ESEARCH, WITHIN
- Views
  - CONTEXT (draft-cridland-imap-contexts-00.txt)
  - Storing views on the server: draft-melnikov-imapext-filters-00.txt (?)
- ENABLE, METADATA, LIST-EXTENDED

- In-band notifications: NOTIFY (draft-gulbrandsen-imap-notify-03.txt)
- Bandwidth optimizations
  - COMPRESS=DEFLATE
  - BINARY (including APPEND)
- Content Transformation
  - Static (CONVERT)
    - Streaming
- Allow Partial URLs in CATENATE and URLAUTH
Phase bis - MUST implement

ESMTP

✔ All of Profile
• QUICKSTART (draft-fanf-smtp-quickstart-00)
# Phase bis - Optional/undecided

<table>
<thead>
<tr>
<th>Out-band notifications</th>
<th>SIEVE Filters (?)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Format</td>
<td>✓ IMAP Sieve</td>
</tr>
<tr>
<td>• One or more example</td>
<td>– How to manage</td>
</tr>
<tr>
<td>binding to a</td>
<td>scripts?</td>
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<tr>
<td>notification</td>
<td></td>
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<tr>
<td>protocol</td>
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March 19, 2007

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