EAI Working Group

IETF 69, Chicago
Thursday, July 26, 2007
0900-1130

Agenda

- 0900: Agenda bashing, selection of scribes, blue sheets
- 0910: Status update (chair)
- 0920: SMTPExt status and open issues
- 0930: UTF8Headers status and open issues
- 0950: DSN status and open issues
- 1000: Downgrade status and open issues
- 1030: POP status and open issues
- 1040: Mailinglist status and open issues
- 1100: Timeline of finishing our work
- 1115: Summary of action items
- 1130: Close of meeting

Status

- Framework published as RFC 4952
- SMTP and UTF8HDR believed to be ready
  - Modulo the choice of MIME type
- DSN (a dependency) has open issues
- DOWNGRADE is in a good state
  - Need to discuss "unknown header" handling, multiple "Downgrade:" headers and the downgraded no-Alt address format
- Other drafts depend on completion of core

0920: SMTP – Resolved issues

- #1483 2.7 Non-ASCII in response texts
- #1484 2.2: More exact definition of action choices
- #1486 2.7.2: Message retry
- #1492 2.7.3: <uFor> syntax
- #1493 2.4: Redefining of RCPT TO and MAIL FROM commands (ABNF grammar)
- #1495 2.5/2.6: Reply code used on DATA

SMTP – Unresolved issues

- Outstanding issues:
- Ready for WG Last Call?

0930: UTF8HDR – Resolved issues

- #1487 4.2: Does this specification update MIME?

- #1488 4.2: List MIME headers that are modified?

- #1490 4.2: Including Content-Description to picture (grammar)

- #1491 4.2: Extending MIME (ABNF grammar)

- #1494 4.4: <angle-addr> should include <obs-angle-addr>

UTF8HDR – Unresolved issues

- Outstanding issues:
  - #1485 UTF8HDR 4.6/DSN: Choice of body part for transport of UTF8SMTP messages
    - See next slide

- Ready for WG Last Call?

0950: DSN open issues

- If an SMTP server can't deliver an EAI DSN to the next hop - need to use a 7bit encoding, downgrade or discard?
  - DSN report: encode
  - Returned message/headers: encode, possibly don't generate, or generate limited headers
- Also need resolving the MIME issue (#1485)

MIME type selection

- Some bad types eliminated in poll
- Not clear that any remaining type will have really bad effects
  - Not clear that it won't, either
- We need to pick, not design, a method
  - Instant Runoff Voting
  - Condorcet Voting <- SELECTED
  - Throw dice
  - Others?

1000: Downgrade – Unresolved

- Need for "simple" downgrade procedure?
  - Only note that "reject complex" is permitted
- Advisability of "group syntax"?
  - International address =?utf8?b?asdf?= removed:;
- Handling of "unknown" header fields?
  - Present procedure is OK
- Are multiple "downgraded:" header fields difficult to handle?
  - Switch to downgraded-*
- What do we do with DKIM header fields?
  - Nothing. Comment that downgrading breaks signatures (of all technologies). Don't try to solve others' problems.

1030: POP

- Should POP require upconvert, as IMAP does?
- Update RFC 3066 reference?
- Up-conversion of addresses – how?
- Up-conversion reference?
- Up-conversion of signed – right?

1040: Mailinglist

- Can we remove editor's notes?
  - Take it to the list.
- Do we need to update 2369 to use IRIs?
  - Yes.
- List-* header with IRI + ASCII email – special downgrade procedure?
  - Take it to the list.
- Requirement for alt-addr of intl-email members?
  - Technical reason forgotten; take it to the list.

1100: Timeline

- Updated drafts based on discussion here:
- WG Last Call (2-week) on SMTP & UTF8: August?
  - Do we include DSN?
- SMTP, UTF8, DSN(?) to IESG: September
- WG Last Call (2-week) on Downgrade: September?
- Downgrade: to IESG: October?
- December IETF: Discuss "auxillary" drafts only
- How/when do we collect results of experiment?
  - Interop event?
- How do we document the results?

1115: Summary of action items

- Voting on MIME type to be started ASAP
- New drafts of SMTP, UTF8HDR and DSN ASAP after result (August)
- WG Last Call on core in August