EMAILCORE WG
IETF 123
July 2025

Chairs:
Alexey Melnikov <alexey.melnikov@isode.com>
Todd Herr <todd@someguyinva.com>

Note Well

- This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

- As a reminder:

    - By participating in the IETF, you agree to follow IETF processes and policies.

    - If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

    - As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

    - Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

    - As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

Note Well
(continued)

- Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:
  - BCP 9 (Internet Standards Process)
  - BCP 25 (Working Group processes)
  - BCP 25 (Anti-Harassment Procedures)
  - BCP 54 (Code of Conduct)
  - BCP 78 (Copyright)
  - BCP 79 (Patents, Participation)
  - https://www.ietf.org/privacy-policy/ (Privacy Policy)

IETF Code Of Conduct Guidelines RFC 7154

- Treat colleagues with respect
- Speak slowly and limit the use of slang
- Dispute ideas by using reasoned argument
- Use best engineering judgment
- Find the best solution for the whole Internet
- Contribute to the ongoing work of the group and the IETF

Administrivia

- This session is being recorded
- Meetecho:
  - https://meetings.conf.meetecho.com/ietf123/?group=emailcore&short=&item=1
- Shared note taking:
  - https://notes.ietf.org/notes-ietf-123-emailcore
- ***Note taker***?

Agenda

- Agenda bashing, administrivia, note well, document status (chairs) - 5 mins
- rfc5321bis IANA Considerations cleanup (Barry Leiba)
- Adoption call for draft-melnikov-smtp-iana-cleanup? (Alexey Melnikov)
- https://datatracker.ietf.org/doc/html/draft-melnikov-smtp-iana-cleanup-01
- Review of what is left to do on "Applicability Statement for IETF Core Email Protocols" (Ken Murchison)
- https://datatracker.ietf.org/doc/html/draft-ietf-emailcore-as.
- Reviewing any of -16, -17 or -18 would be sufficient to follow the EMAILCORE meeting.

WG Status

- draft-ietf-emailcore-rfc5322bis-12 is approved!
- draft-ietf-emailcore-rfc5321bis-43 is approved. Some IANA issues to discuss today
- draft-ietf-emailcore-as-18 is post WGLC, only 2 open tickets left in
  - ***https://github.com/ietf-wg-emailcore/emailcore/issues/***

IANA slide deck from Barry

draft-melnikov-smtp-iana-cleanup: Further work on SMTP Extension Registry

- Alexey's Proposal:
  - rfc5321bis does a minimal cleanup and restructuring of SMTP related stuff. (Basically what it does now, with some small fixes.) It shouldn't clean up things which are already wrong or provide information that should have been provided by extensions, as this can potentially take weeks/months to sort out.
  - This will leave lots of fields in the SMTP Extension registry marked as "not provided"/"none" or just having references to RFCs in them.
  - draft-melnikov-smtp-iana-cleanup is a separate Standards Track draft that fixes or completes templates:
    - Fix "EHLO parameters" field for DELIVERBY, FUTURERELEASE and LIMITS SMTP extensions.
    - Fill in missing "Message submission Use and Values" values, when not provided in Section 7 of RFC 6409.
    - Add "Length Added" values from published RFCs (when available) or calculate them (when not).
    - Update "Additional verbs" and "MAIL/RCPT Parameter Values" from existing RFCs.

SMTP Extension registry examples (after rfc5321bis)

EHLO Keyword	Description	EHLO Parameters	Additional verbs	MAIL/ RCPT Parameter Values	RegMethod	Message submission Use and Values	Length Added	Contact/ Change Controller	Reference	Note
AUTH	Authentication	SASL mechanism names	**[RFC4954]**	**[RFC4954]**	IETF	MUST	**Not supplied**	IETF / IETF	[RFC4954]	
BURL	Remote Content	Permitted URL prefixes	**[RFC4468]**	**[RFC4468]**	IETF	***MUST NOT***	**Not supplied**	IETF / IETF	[RFC4468]	Submit [RFC6409] only. Not for use with SMTP on port 25.
SHINY	***My shiny SMTP extension***	**Not supplied**	**Not supplied**	**Not supplied**	FCFS	**Not supplied**	**Not supplied**	John Doe/ Shiny Corp		

SMTP Extension registry examples (after draft-melnikov-smtp-iana-cleanup)

EHLO Keyword	Description	EHLO Parameters	Additional verbs	MAIL/ RCPT Parameter Values	RegMethod	Message submission Use and Values	Length Added	Contact/ Change Controller	Reference	Note
AUTH	Authentication	SASL mechanism names	AUTH	AUTH parameter to MAIL command	IETF	MUST	500	IETF / IETF	[RFC4954]	
BURL	Remote Content	Permitted URL prefixes	BURL	none	IETF	***MAY***	0	IETF / IETF	[RFC4468]	Submit [RFC6409] only. Not for use with SMTP on port 25.
SHINY	***My shiny SMTP extension***	**Not supplied**	**Not supplied**	**Not supplied**	FCFS	**Not supplied**	**Not supplied**	John Doe/ Shiny Corp		

draft-melnikov-smtp-iana-cleanup: Status and Next Steps

- -01 was posted to clarify scope of the document (just fixing existing IANA entries after changes rfc5321bis are applied)
- Adopt this draft. Shall we do this in EMAILCORE? (MAILMAINT WG would be fine with Alexey as well).
- The only work needed on the document that I know of is completing "Length added" values for some extensions. Also, the document currently has 2 tables (one for Length added and another one for the rest). Would a single table be better?

A/S slide deck from Ken

Next steps for EMAILCORE WG

- John K. to integrate Barry's changes into rfc5321bis
- Ken and John K. to update A/S based on today's comments.
- Alexey to ask for adoption of draft-melnikov-smtp-iana-cleanup in EMAILCORE. My co-chair should initiate and judge results of the adoption call.