

Updating SMTP IANA registries

Editor:

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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	<i>MUST NOT</i>	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	<i>MAY</i>	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: Next Steps

- Adopt this draft.
- The only work needed on the document that I know of is adding "Length added" values for various extensions.