RFC 8398- and 8399-bis

IETF 118 – Prague

https://datatracker.ietf.org/doc/draft-ietf-lamps-rfc8398bis/
https://datatracker.ietf.org/doc/draft-ietf-lamps-rfc8399bis/

RFC 8398-bis: Alexey Melnikov, Wei Chuang, Corey Bonnell
RFC 8399-bis: Russ Housley
Motivation for updates

• Implementation experience has proven that conditional encoding of domain names in SmtpUtf8Mailbox values using either U-labels and A-labels increases implementation complexity and attack surface
  • The X.509 stack requires a Punycode decoder
• Instead of using the U-label representation for encoding IDNs in the domain part of SmtpUtf8Mailboxes, the A-label representation is unconditionally used
Progress since IETF 117

• Both documents adopted by WG
• Both documents currently in WG Last Call
• No changes to RFC 8399-bis content since IETF 117
• Clarified definition of SmtpUtf8Mailbox ABNF in RFC 8398-bis (thanks Rich!)
Next steps

• Close of WG Last Call is imminent
  • Send your feedback ASAP

• Advance documents?