OpenPGP

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Agenda

- Agenda Bashing, Bluesheets
- Document Review
- Registry management
- 4880bis changes
- PGP/MIME vs. S/MIME
- AOB
Documents

draft-ietf-openpgp-rfc4880bis-00
Mailing list: openpgp@ietf.org
https://gitlab.com/openpgp-wg/rfc4880bis

• Issues and pull requests tracked on gitlab
• Discussion on mailing list
Registry management

- Tight control over registry makes everyone unhappy
- Registries are small (7bit)
  - Expand to 14 bit
- Codepoint squatting/assignment
  - TLS WG is moving toward “Y” and “MTI” columns and FCFS assignment
  - Needs “designated expert”
Registry management (2)

(Example from TLS)

• For MTI and “Y” requests,
  – requester’s publish individual draft,
  – requester’s ask for WG adoption,
  – WG chairs do adoption call,
  – WG does its thing on WG draft,
  – IETF does its thing, and
  – IANA (assigns #s) & rfc editor (publishes) do their things.

• For all others:
  – request is submitted to IANA, WG, WG chair, AD,
  – request is redirected to designated expert,
  – designated expert reviews request:
    • if good-to-go designated expert tells IANA to assign code point (goto last step)
    • if not-good-to-go for an obvious reasons the designated expert rejects the request with some rationale (and probably lets the sec ADs know about it)
    • if not-good-to-go for all other reasons the designated expert asks (expert's choice depending on the situation) AD/WG chairs/community for guidance
  – IANA makes assignment and includes the cipher suite assignment specification reference in the registry (and possibly the rfc editor does their thing if an RFC is being published)
<over to Werner Koch for RFC4880bis>
PGP/MIME vs. S/MIME

- Message formats
  - Out of scope: we’re working on RFC 4880, not 3156

- Certificate formats
  - OpenPGP will not adopt X.509 directly
  - People who want to work on interop/translation mechanisms between cert formats can propose specific changes as long as they do not distract from chartered work
AOB

• Followup on list
  – openpgp@ietf.org

• Concrete proposals please!