6MAN Working Group
IETF 89, London

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Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

❖ **By participating with the IETF, you agree to follow IETF processes.**

❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**

❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Administrivia

- Services
  - Jabber Room: 6man@jabber.ietf.org
  - Meetecho: http://www.meetecho.com/ietf89/6man
  - Etherpad: http://tools.ietf.org/wg/6man/minutes

- Minutes taker: Fernando Gont

- Jabber Scribe: NN

- Please sign blue sheets

Agenda (1 of 3)

- Introduction, Agenda Bashing, Document Status, *Chairs*, 15 min

- Packet loss resiliency for Router Solicitations draft-ietf-6man-resilient-rs, *Suresh Krishnan*, 10 min

- Recommendation on Stable IPv6 Interface Identifiers draft-ietf-6man-default-iids, *Fernando Gont*, 15 min

- Privacy Considerations for IPv6 Address Generation Mechanisms draft-ietf-6man-ipv6-address-generation-privacy , *Alissia Cooper*, 15 min

- Analysis of the 64-bit Boundary in IPv6 Addressing draft-carpenter-6man-why64, *Brian Carpenter*, 30 min

Agenda (2 of 3)

Efficient ND session (45 minutes)

- Problem statement:
  - draft-yourtchenko-colitti-nd-reduce-multicast
  - draft-vyncke-6man-mcast-not-efficient
  - draft-chakrabarti-nordmark-6man-efficient-nd
    Erik Nordmark, Eric Vyncke

- Solutions within existing protocol specifications:
  Andrew Yourtchenko, Lorenzo Colitti

- Unresolved problems and larger changes required:
  Erik Nordmark

- Summary, *Chairs*

Agenda (3 of 3)

Speed Talks (5 Minutes, 3 slides):

- Transmission of IPv6 Packets over IEEE 802.11p Networks draft-petrescu-ipv6-over-80211p , *Alexandru Petrescu*, 5 min.

- Triggering ND Address Resolution on Receiving DAD-NS draft-halpern-6man-nd-pre-resolve-addr , *Helen Chen and Joel Halpern*, 5 min.

- IPv6 Universal Extension Header draft-gont-6man-ipv6-universal-extension-header , *Fernando Gont*, 5 min.

- Validation of Neighbor Discovery Source Link-Layer Address (SLLA) and Target draft-gont-6man-lla-opt-validation, *Ron Bonica*, 5 min.

Document status I:

- RFCs since last IETF:
  - RFC7045 - Transmission and Processing of IPv6 Extension
  - RFC7048 - Neighbor Unreachability Detection Is Too Impatient
  - RFC7078 - Distributing Address Selection Policy Using DHCPv6
  - RFC7112 - Implications of Oversized IPv6 Header Chains
  - RFC7136 - Significance of IPv6 Interface Identifiers

- RFC-Editor:
  - draft-ietf-6man-stable-privacy-addresses-17

- @IESG:

Document status II

- ## WGLCs:
  - draft-ietf-6man-multicast-addr-arch-update-03
    Reviewers: Jinmei and Suresh

  - draft-ietf-6man-multicast-scopes-03 (chairs plan to advance)
    Reviewer: Jouni

  - draft-ietf-6man-resilient-rs-02
    Reviewer: Jouni (awaiting resolution to discussion)

- ## Working group drafts:
  - draft-ietf-6man-default-iids-00

  - draft-ietf-6man-enhanced-dad-04 (ready for WGLC)
    Reviewers: Jouni, Ray Hunter

  - draft-ietf-6man-ipv6-address-generation-privacy-01

Document status III

- Adoption calls:
  - draft-rafiee-6man-ssas (no consensus)
  - draft-gont-6man-deprecate-eui64-based-addresses -> draft-ietf-6man-default-iids (adopted)
  - draft-chakrabarti-nordmark-6man-efficient-nd (in progress)
- Abandoned:
  - draft-ietf-6man-addr-select-considerations
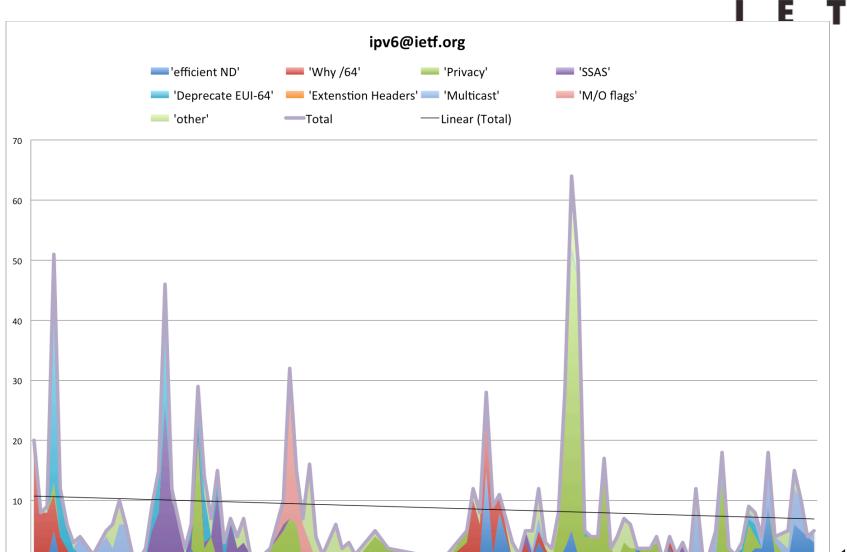
Improving 6MAN document quality:

- IESG is moving to a process where they will send a document back to the w.g. if there are many questions raised during an IETF Last call
- 6MAN Changes
  - Chair's review
  - Ask for 2 WG reviewers during WGLC

Mailing list statistics

881 messages in 4 months