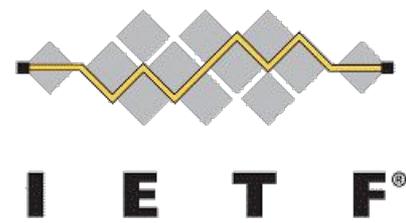# 6MAN
tinkering with IPv6 since 1883

6MAN Working Group
IETF 106, Singapore

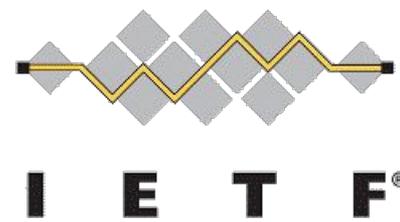Bob Hinden
Ole Trøan

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.

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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)

Administrivia

Jabber Room: 6man@jabber.ietf.org

Meetecho: http://www.meetecho.com/ietf106/6man

Etherpad: http://tools.ietf.org/wg/6man/minutes

Minutes taker: Barbara Stark

Jabber Scribe RFC7649: Peng Shuping

Presentations:

https://datatracker.ietf.org/meeting/106/materials.html

Please sign blue sheets
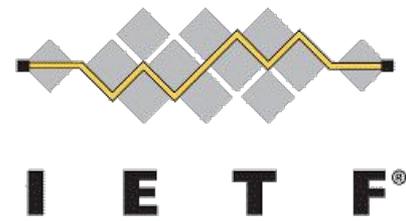
Agenda (Thursday 1350-1530)

- Introduction, Agenda Bashing, Document Status, *Chairs*, 10 min.

Working Group Drafts

- Next Steps in RFC8200 Fragmentation Errata, RFC8200 Errata , *Bob Hinden / Ole Trøan*, 15 min.
- Path MTU Hop-by-Hop Option Update, draft-ietf-6man-mtu-option, *Gorry Fairhurst / Bob Hinden*, 15 min.
- Operations, Administration, and Maintenance (OAM) in Segment Routing Networks with IPv6 Data plane (SRv6), draft-ietf-6man-spring-srv6-oam, *Zafar Ali*, 15 min.
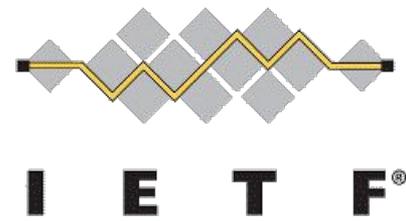
Active Individual Drafts

- Gratuitous Neighbor Discovery: Creating Neighbor Cache Entries on First-Hop Routers, draft-linkova-6man-grand, *Jen Linkova*, 15 min.
- IPv6 Extension Header for the Alternate Marking Method, draft-fz-6man-ipv6-alt-mark, *Giuseppe Fioccala*, 15 min.
- IPv6 Formal Anycast Addresses and Functional Anycast Addresses, draft-smith-6man-form-func-anycast-addresses, *Mark Smith*, 20 min.

Agenda II (Thursday 1330-1530)

New Individual Drafts (as time allows)

- Asymmetric IPv6 for IoT Networks,
  draft-jiang-asymmetric-ipv6, *Guangpeng Li*, 5 min.
- Support Postcard-Based Telemetry for SRv6 OAM
  draft-song-6man-srv6-pbt, *Haoyu Song*, 5 min.

Agenda (Thursday 1740-1840)

Active Individual Drafts

- In-Flight IPv6 Extension Header Insertion Considered Harmful, draft-smith-6man-in-flight-eh-insertion-harmful, *Mark Smith*, 20 min.
- SRH insertion within an SR Domain, draft-voyer-6man-extension-header-insertion, *Darren Dukes*, 20 min.
- Working group discussion on header insertion, 15 min.

Document Status

`https://datatracker.ietf.org/group/6man/documents/`

Published RFCs:

-

RFC-Editor Queue:

IPv6 Segment Routing Header (SRH)

<draft-ietf-6man-segment-routing-header-26>

Submitted to IESG:

ICMPv6 errors for discarding packets due to processing limits

<draft-ietf-6man-icmp-limits-07>

IETF Last Call:

Discovering PREF64 in Router Advertisements

<draft-ietf-6man-ra-pref64-07>

Document Status II

`https://datatracker.ietf.org/group/6man/documents/`

Working group documents:

Privacy Extensions for Stateless Address Autoconfiguration in IPv6
<draft-ietf-6man-rfc4941bis-02>

IPv6 Minimum Path MTU Hop-by-Hop Option
<draft-ietf-6man-mtu-option-01>

 Operations, Administration, and Maintenance (OAM) in Segment Routing
Networks with IPv6 Data plane (SRv6)
<draft-ietf-6man-spring-srv6-oam-01>

Document process - new format

- https://www.rfc-editor.org/rse/format-faq/
- https://www.rfc-editor.org/materials/FAQ-xml2rfcv3.html
- The "xml2rfc" Version 3 Vocabulary (RFC7991)
- xml2rfc has v2 to v3 conversion (--v2v3)
- Please submit v3 from now on

- Feel free to use github: https://github.com/ietf-6man