



6MAN Working Group

IETF 103, Bangkok

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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/ietf103/6man>

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

Minutes taker: Barbara Stark

Jabber Scribe: <TBD> (RFC7649)

Presentations:

<https://datatracker.ietf.org/meeting/103/materials.html>

Please sign blue sheets

Agenda

| | | | |
|--|--|---|----------------|
| Introduction and Document status | | <i>Chairs</i> | 0:10:00 |
| IPv6 Segment Routing Header (SRH) | draft-ietf-6man-segment-routing-header | <i>Darren Dukes</i> | 0:15:00 |
| IPv6 Router Advertisement IPv6-Only Flag | draft-ietf-6man-ipv6only-flag | <i>Brian Carpenter</i> <i>Bob Hinden</i> | 0:15:00 |
| Discovering PREF64 in Router Advertisements | draft-pref64folks-6man-ra-pref64 | <i>Jen Linkova</i> | 0:15:00 |
| Making IPv6 options an option | draft-herbert-ipv6-update-opts draft-herbert-6man-icmp-limits | <i>Tom Herbert</i> | 0:20:00 |
| PMTU solution space | draft-troan-6man-pmtu-solution-space | <i>Ole Trøan</i> | 0:10:00 |
| Path MTU Hop-by-Hop Option | draft-hinden-6man-mtu-option | <i>Bob Hinden</i> <i>Gorry Fairhurst</i> | 0:15:00 |
| IPv6 Truncation Procedures | draft-leddy-6man-truncate | <i>Ron Bonica</i> | 0:15:00 |
| OAM in Segment Routing Networks with IPv6 Data plane | draft-ali-spring-srv6-oam | <i>Zafar Ali</i> | 0:05:00 |
| In-situ OAM IPv6 Options | draft-ioametal-ippm-6man-ioam-ipv6-options | <i>Frank</i> <i>Brockners</i> | 0:05:00 |
| Total | | | 2:05:00 |

Document Status

<https://datatracker.ietf.org/group/6man/documents/>

Published RFCs:

RFC8425 IANA Considerations for IPv6 Neighbor Discovery Prefix Information Option Flags

RFC-Editor Queue:

IPv6 Node Requirements

<draft-ietf-6man-rfc6434-bis-09>

WGLC:

IPv6 Segment Routing Header (SRH) (*since 2018-03-29*)

<draft-ietf-6man-segment-routing-header-15>

IPv6 Router Advertisement IPv6-Only Flag (*since 2018-09-12*)

<draft-ietf-6man-ipv6only-flag-04>



Document Status II

<https://datatracker.ietf.org/group/6man/documents/>

Active working group documents:

ICMPv6 errors for discarding packets due to processing limits

<draft-ietf-6man-icmp-limits-00>

Privacy Extensions for Stateless Address Autoconfiguration in IPv6

<draft-ietf-6man-rfc4941bis-00>

Historical:

Simple Internet Protocol (SIP) Specification

<draft-historic-simple-ip-03>

Documents of interest:

ipwave:

draft-ietf-ipwave-ipv6-over-80211ocb-30

Transmission of IPv6 Packets over IEEE 802.11 Networks operating in mode Outside the Context of a Basic Service Set (IPv6-over-80211-OCB)

spring or 6man:

Operations, Administration, and Maintenance (OAM) in Segment Routing Networks with IPv6 Data plane (SRv6)

<draft-ali-spring-srv6-oam-01>

Service Programming with Segment Routing

<draft-xuclad-spring-sr-service-programming-00>

Current Milestones

| Date | Milestone |
|------|---|
| Done | Plan for advancing core IPv6 core specifications to Internet Standard |
| Done | Develop approaches for IPv6 Extension Headers (Hop-by-Hop and Destination) |
| Done | Develop approach for IPv6 Fragmentation |
| Done | Resolve open issues with "U/G" bits in Interface Identifiers |
| Done | Determine way forward for ULA-C specification |
| Done | Submit PPP Compression Negotiation specification to IESG as a Proposed Standard |
| Done | Submit RH0 Deprecation specification to IESG as a Proposed Standard |



Candidate Milestones

- More documents to Internet Standard
- Internet layer PMTU discovery improvements
- Segment routing
- IPv6 only flag
- Universal deployment of IPv6



Other 6man related stuff this week

- MAPRG: on IPv6 security and privacy (5 minute heads-up) - Tuesday
- TSVWG: MTU discussions - Wednesday
- SPRING: - Wednesday



Working group operations:

- Use Github to improve document process? WUGH bof - Wednesday
- Document review per week (as in v6ops)