

6MAN Working Group

IETF99, Prague

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Administrivia

Jabber Room: 6man@jabber.ietf.org

Meetecho: <http://www.meetecho.com/ietf99/6man>

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

Minutes taker: <TBD>

Jabber Scribe: <TBD> (RFC7649)

Presentations:

<https://datatracker.ietf.org/meeting/99/materials.html>

Please sign blue sheets

Agenda

Introduction, Agenda Bashing, Document Status, Chairs, 15 min.

Working Group Drafts:

- IPv6 Specifications to Internet Standard Status, *Ole Troan*, 5 min.
- Update on rfc4291bis, draft-ietf-6man-rfc4291bis , *Bob Hinden*, 20 min.
- IPv6 Node Requirements, draft-ietf-6man-rfc6434-bis , *Tim Chown*, 20 min.

Active Individual Drafts:

- Route Information Options in Redirect Messages, draft-templin-6man-rio-redirect, *Fred Templin*, 15 min.
- IPv6 Address Usage Recommendations draft-gont-6man-address-usage-recommendations, *Fernando Gont*, 15 min.

New Individual Drafts

- Tweaking Default Address Selection, draft-linkova-6man-default-addr-selection-update, *Jen Linkova*, 10 min.
- Proposals to discover Provisioning Domains, draft-bruneau-intarea-provisioning-domains, *Pierre Pfister*, 10 min.
- The AERO Address, draft-templin-6man-aeroaddr, *Fred Templin*, 10 min.

Document Status (1 of 2)

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

Published since IETF 98:

- RFC 8096 The IPv6-Specific MIB Modules Are Obsolete
- RFC 8200 Internet Protocol, Version 6 (IPv6) Specification
- RFC 8201 Path MTU Discovery for IP version 6

Advanced to Internet Standard:

- RFC 4443 Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification
- RFC 3596 DNS Extensions to Support IP Version 6

Parked WG document:

- RFC4291bis

Document Status (2 of 2)

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Waiting for writeup:

- draft-ietf-6man-maxra-03
Support for adjustable maximum router lifetimes per-link

Active WG documents:

- draft-ietf-6man-rfc6434-bis-01 IPv6 Node Requirements
- draft-ietf-6man-rs-refresh-02 (expired)
IPv6 Neighbor Discovery Optional RS/RA Refresh
- draft-ietf-6man-segment-routing-header-06
IPv6 Segment Routing Header (SRH)

Goals and Milestones

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

IPv6 core specifications to Internet Standard

- RFC3596 DNS Extensions to Support IP Version 6 - **Advanced to Internet Standard in place.**
- RFC4443 Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification - **Advanced to Internet Standard in place.**
- RFC2460 Internet Protocol, Version 6 (IPv6) Specification - **Internet Standard as RFC8200.**
- RFC1981 Path MTU Discovery for IP version 6 - **Internet Standard as RFC8201.**
- RFC4941 Privacy Extensions for Stateless Address Autoconfiguration in IPv6 - **No consensus to advance.**
- RFC4291 IP Version 6 Addressing Architecture - **No consensus to advance - Parked document.**

Next steps?

- Draft standard:
 - RFC4941 - Addressing architecture
 - RFC4291 - Privacy extensions
 - RFC4861 and RFC4862 - ND and SLAAC
 - RFC5072 - IPv6 over PPP
- <Other IPv6 over foo> documents (dependent on 4291bis)?
 - RFC2464 - IPv6 over Ethernet