

# 6MAN Working Group

## IETF 100, Singapore

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# Administrivia

**Jabber Room:** [6man@jabber.ietf.org](mailto:6man@jabber.ietf.org)

**Meetecho:** <http://www.meetecho.com/ietf100/6man>

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

**Minutes taker:** <TBD>

**Jabber Scribe:** <TBD> (RFC7649)

**Presentations:**

<https://datatracker.ietf.org/meeting/100/materials.html>

Please sign blue sheets

# Agenda

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

**Working Group Drafts:**

- IPv6 Node Requirements, draft-ietf-6man-rfc6434-bis , *Tim Chown*, 30 min.

**Active Individual Drafts:**

- IPv6 ND PIO Flags IANA Considerations, draft-troan-6man-ndpioiana , *Ole Trøan*, 10 min.
- Recommendations on the Filtering of IPv6 Packets Containing IPv6 Extension Headers, draft-ietf-opsec-ipv6-eh-filtering , *Ron Bonica*, 15 min.
- Recommendation on Temporary IPv6 Interface Identifiers, draft-gont-6man-non-stable-iids , *Fernando Gont*, 15 min.
- IPv6 Address Usage Recommendations, draft-gont-6man-address-usage-recommendations , *Fernando Gont*, 15 min.
- Route Information Options in Redirect Messages, draft-templin-6man-rio-redirect , *Fred Templin*, 10 min.

**New Individual Drafts**

- IPv6 in-band signaling for the support of transport with QoS, draft-han-6man-in-band-signaling-for-transport-qos , *Lin Han*, 10 min.

# Document Status

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

## **Parked WG document:**

- RFC4291bis

## **@IESG:**

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

## **Active WG documents:**

- draft-ietf-6man-rfc6434-bis-02 IPv6 Node Requirements
- draft-ietf-6man-segment-routing-header-07  
IPv6 Segment Routing Header (SRH)
- draft-ietf-6man-rs-refresh-02 (expired)  
IPv6 Neighbor Discovery Optional RS/RA Refresh

# Documents of interest:

## **opsec:**

- draft-ietf-opsec-ipv6-eh-filtering-04

## **v6ops:**

- draft-ietf-v6ops-unique-ipv6-prefix-per-host

## **Segment routing:**

- draft-fioccola-spring-flow-label-alt-mark-01
- draft-ietf-spring-ipv6-use-cases
- draft-ietf-spring-segment-routing

# IPv6 core standards

## Next steps?

- Internet standard: RFC8200, RFC8201, RFC3596, RFC4443
- Remaining as Draft standard:
  - RFC4291 - Addressing architecture
  - RFC4941 - Privacy extensions
  - RFC4861 and RFC4862 - ND and SLAAC
  - RFC5072 - IPv6 over PPP
- <Other IPv6 over foo> documents  
(dependent on 4291bis)?
  - RFC2464 - IPv6 over Ethernet