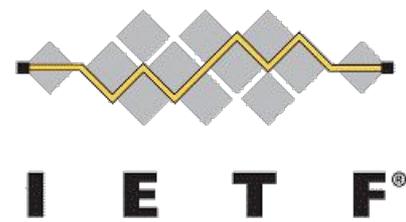


# 6MAN Working Group

## IETF 110 - Thursday

Bob Hinden  
Ole Trøan



# Note Well

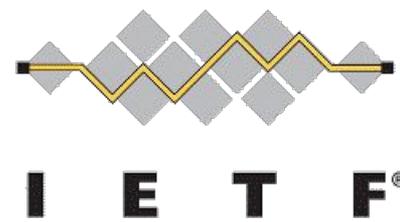
This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

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](mailto:6man@jabber.ietf.org)

**Meetecho:** <https://meetings.conf.meetecho.com/ietf110/?group=6man>

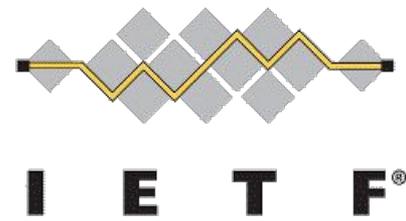
**Minutes:** <https://codimd.ietf.org/notes-ietf-110-6man>

**Minutes taker:** Barbara Stark and Pengshuping (Peng Shuping)

**Jabber Scribe RFC7649:** N/A

**Presentations:**

<https://datatracker.ietf.org/meeting/ietf110/session/6man>



# Session organisation

The first session will consist of new internet drafts and drafts without apparent working group support. This should give the speakers time to make the case for the work they are proposing.

The second session will include introduction and working group document status, a report from the Spring Compression Design Team, and active working group drafts.

# Agenda Tuesday 1200-1400 (UTC)

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

## **New Internet Drafts and Drafts without Apparent WG support**

- IPv6 Solution for 5G Edge Computing Sticky Service,  
`draft-dunbar-6man-5g-edge-compute-sticky-service`  
Linda Dunbar, 15 min.
- SLAAC with prefixes of arbitrary length in PIO (Variable SLAAC)  
`draft-mishra-6man-variable-slaac`  
Alexandre Petrescu, 15 min.
- Associated Channel over IPv6, `draft-yang-rtgwg-ipv6-associated-channel`  
Fan Yang, 15 min.
- SRH Extension for Redundancy Protection,  
`draft-geng-6man-redundancy-protection-srh`  
Fan Yang, 15 min.
- OMNI Adaptation Layer (OAL), `draft-templin-6man-omni-interface`  
Fred Templin, 15 min.
- OMNI Implications for IPv6 ND Message Sizing, `draft-templin-6man-omni-option`  
Fred Templin, 15 min.

# Agenda Thursday 1600-1800 (UTC)

- Introduction and Document Status, *Chairs*, 15 min.
- SR Compression Design Team Status,  
`draft-srcompdt-spring-compression-requirement`  
Weiqiang Cheng, 15 min.

## Working Group Drafts

- IPv6 Application of the Alternate Marking Method, `draft-ietf-6man-ipv6-alt-mark`  
Giuseppe Fioccola, 15 min.
- Improving the Robustness of Stateless Address Autoconfiguration (SLAAC) to Flash Renumbering Events, `draft-ietf-6man-slaac-renum`  
Fernando Gont, 20 min.

## Active Internet Drafts

- IPv6 Hop-by-Hop Options Processing Procedures, `draft-hinden-6man-hbh-processing`  
Bob Hinden, 20 min.
- Scope of Unique Local IPv6 Unicast Addresses, `draft-gont-6man-ipv6-ula-scope`  
Fernando Gont, 15 min.

# Document Status

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

## **Published RFCs:**

RFC 8981 (was draft-ietf-6man-rfc4941bis)

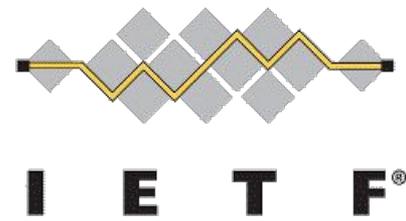
Temporary Address Extensions for Stateless Address Autoconfiguration in IPv6

## **Submitted to IESG:**

Gratuitous Neighbor Discovery: Creating Neighbor Cache Entries on First-Hop Routers, `draft-ietf-6man-grand-03` (Revised ID needed)

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

`draft-ietf-6man-spring-srv6-oam-09` (Last call requested)



# Document Status II

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

## **Awaiting writeup:**

IPv6 Application of the Alternate Marking Method

`draft-ietf-6man-ipv6-alt-mark-03`

## **Working group adoption calls:**

*The IPv6 Compact Routing Header (CRH)*

`draft-bonica-6man-comp-rtg-hdr-24`

Awaiting SR design team. Report now.

## **Working group documents:**

IPv6 Minimum Path MTU Hop-by-Hop Option

`draft-ietf-6man-mtu-option-04`

Improving the Robustness of Stateless Address Autoconfiguration (SLAAC) to Flash Renumbering Events

`draft-ietf-6man-slaac-renum-02`