

# 6man working group

## IETF 113

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This session is being recorded

IETF 113 - Vienna

Internet Engineering Task Force

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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)
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- Use of a headset is *strongly* recommended

# Resources for IETF 113 Vienna

- Agenda  
<https://datatracker.ietf.org/meeting/agenda>
- Meetecho and other information:  
<https://www.ietf.org/how/meetings/113/preparation>
- If you need technical assistance, see the Reporting Issues page:  
<http://www.ietf.org/how/meetings/issues/>

# 6MAN Administrivia

- Jabber Room, Zulip  
6man@jabber.ietf.org
- Meetecho and other information:  
<https://meetings.conf.meetecho.com/ietf113/?group=6man>
- Minutes:  
<https://notes.ietf.org/notes-ietf-113-6man>  
Minutes taker: Peng Shuping  
Jabber Scribe RFC7649: N/A
- Presentations:  
<https://datatracker.ietf.org/meeting/ietf113/session/6man>

# Agenda (1 of 2)

## Introduction

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

## Working Group Drafts

- IPv6 Hop-by-Hop Options Processing Procedures, Gorry Fairhurst / Bob Hinden, 20 min.
- ~~Limits on Sending and Processing IPv6 Extension Headers, Tom Herbert, 15 min.~~
- Carrying Virtual Transport Network (VTN) Identifier in IPv6 Extension Header, Jie Dong/Robin Li, 15 min.
- Representing IPv6 Zone Identifiers in Address Literals and Uniform Resource Identifiers, Brian Carpenter, 10 min.

## Active Individual Drafts

- Segment Identifiers in SRv6, Suresh Krishnan, 15 min.
- Source address selection for ULAs, Ted Lemon, 15 min.

# Agenda (2 of 2)

## **New Internet Drafts and Drafts without apparent W.G. Support**

- IPv6 Minimum Multipath MTU Detection, Guofeng Qian, 5 min
- Multicast using Multicast Routing Header, Huaimo Chen, 5 min.
- ND Prefix Robustness Improvements, Paolo Volpato, 5 min.
- Application-aware IPv6 Networking (APN6) Encapsulation, & Application-aware Networking (APN) Header, Zhenbin Li/Shuping Peng, 5 min.
- RBS (Recursive BitString Structure) for Multicast Source Routing over IPv6, Multicast using Multicast Routing Header, Toerless Eckert, 5 min.

# Document Status

## **Published RFCs:**

RFC9131 Gratuitous Neighbor Discovery: Creating Neighbor Cache Entries on First-Hop Routers

## **RFC Editor Queue:**

*None*



# Document Status II

## **Submitted to IESG:**

Operations, Administration, and Maintenance (OAM) in Segment Routing Networks with IPv6 Data plane (SRv6) draft-ietf-6man-spring-srv6-oam-11  
(Revised ID needed from June 2. **1 DISCUSS** status?)

IPv6 Application of the Alternate Marking Method  
draft-ietf-6man-ipv6-alt-mark-12 **2 DISCUSS** (was 07 at 111)

IPv6 Minimum Path MTU Hop-by-Hop Option  
draft-ietf-6man-mtu-option-11 (In AD evaluation)

# Document Status III

## **Awaiting writeup:**

*None*

## **Working group adoption calls:**

*None*

## **Working group documents:**

[draft-carpenter-6man-rfc6874bis](#) Representing IPv6 Zone Identifiers in Address Literals and Uniform Resource Identifiers

[draft-ietf-6man-eh-limits](#) Limits on Sending and Processing IPv6 Extension Headers

[draft-ietf-6man-enhanced-vpn-vtn-id](#) Carrying Virtual Transport Network (VTN) Identifier in IPv6 Extension Header

[draft-ietf-6man-hbh-processing](#) IPv6 Hop-by-Hop Options Processing Procedures

## **Expired:**

*None*