

# 6MAN WG

Chairs: Bob Hinden, Jen Linkova, Ole Trøan

IETF115, London, 7 Nov 2022

# Note Well

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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)

# Housekeeping



## In-person participants

- Use Meetecho Onsite tool to join the queue
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## Remote participants

- Keep audio/video off until presenting/speaking
- Please use a headset



# Agenda: Working Group Documents, 55min

- IPv6 Hop-by-Hop Options Processing Procedures,  
[draft-ietf-6man-hbh-processing](#), Gorry Fairhurst, Bob Hinden, 20 min.
- Limits on Sending and Processing EHs, [draft-ietf-6man-eh-limits](#), Tom Herbert, 10 min
- Segment Identifiers in SRv6, [draft-ietf-6man-sids](#), Suresh Krishnan, 15 min
- Carrying VTN Information in IPv6 Extension Header,  
[draft-ietf-6man-enhanced-vpn-vtn-id](#), Zhenbin Li, 10 min

# Agenda: Individual Drafts, 60min

- **Carrying a Generic Identifier in IPv6 packets**, [draft-iurman-6man-generic-id](#), Justin Iurman, 10 min
- **Neighbor Discovery support for Multi-home Multi-prefix**, [draft-vv-6man-nd-support-mhmp](#), Paolo Volpato, 10 min
- **ICMPv6 Extensions for IOAM Capabilities Discovery**, [draft-xiao-6man-icmpv6-ioam-conf-state](#), Xiao Min, 10 min
- **CGA light**, [draft-ev-6man-cga-light](#), Eduard Vasilenko (remote), 10 min
- **IPv6 Neighbor Discovery on Wireless Networks**, [draft-thubert-6man-ipv6-over-wireless](#), Pascal Thubert, 10 min
- **Stub Router Flag in ICMPv6 Router Advertisement Messages**, [draft-hui-stub-router-ra-flag](#), Ted Lemon/Jonathan Hui, 10 min

# Agenda: Time Permitting (0 min)

- IP Payload Compression excluding transport layer,  
[draft-ls-6man-ipcomp-exclude-transport-layer](#), Hang Shi, 5 min
- Encoding Network Slice Identification for SRv6,  
[draft-cheng-spring-srv6-encoding-network-sliceid](#), Liyan Gong, 5 min

# Document Status (1 of 3)

## Published RFCs:

[RFC9268](#), IPv6 Minimum Path MTU Hop-by-Hop Option

## RFC Editor Queue:

IPv6 Application of the Alternate Marking Method,  
[draft-ietf-6man-ipv6-alt-mark](#)

# Document Status (2 of 3)

**IETF LC ended, pending URI-review and W3C review:**

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

**WGLC ended:**

Segment Identifiers in SRv6, [draft-ietf-6man-sids](#)



# Document Status (3 of 3)

## Working group documents:

- Segment Identifiers in SRv6, [draft-ietf-6man-sids](#)
- IPv6 Hop-by-Hop Options Processing Procedures, [draft-ietf-6man-hbh-processing](#)
- Carrying Virtual Transport Network (VTN) Information in IPv6 Extension Header, [draft-ietf-6man-enhanced-vpn-vtn-id](#)
- Limits on Sending and Processing IPv6 Extension Headers, [draft-ietf-6man-eh-limits](#)

## No updates:

- Improving the Robustness of Stateless Address Autoconfiguration (SLAAC) to Flash Renumbering Events, [draft-ietf-6man-slaac-renum](#)

# SRv6: SPRING and 6MAN Collaboration

SRv6 SPRING drafts may require 6MAN involvement.

At which stage?

Ongoing discussion between the chairs and ADs

Current proposal:

First: SPRING ***adopts*** the draft

Then: 6MAN reviews the draft