7 November 2024

Dublin

IETF 121 6MAN WG

This session is being recorded

Internet Engineering Task Force

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)

I E T F

IETF 121 Meeting Tips

In-person participants

- Make sure to sign into the session using the onsite tool from the Datatracker agenda (or scan the QR code)
- ***Use the onsite tool to join the mic queue***
- *Keep audio and video off if not using the onsite version*
- ***Put your mobile phones to silent mode***
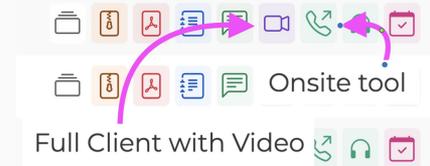
Remote participants

- Make sure your audio and video are off unless you presenting
- Use of a headset is strongly recommended

Onsite tool

Full Client with Video

6man Administrivia

- Jabber Room, Zulip
  6man@jabber.ietf.org
- Meetecho and other information:
  https://meetings.conf.meetecho.com/ietf121/?group=6man
- Onsite tool:
  https://meetings.conf.meetecho.com/ietf121/?session=3335
- Minutes:
  https://notes.ietf.org/notes-ietf-121-6man
  Minutes taker: **<Your name here>**
  Jabber Scribe RFC7649: N/A
- Presentations:
  https://datatracker.ietf.org/meeting/ietf121/session/6man

Agenda (1 of 2)

Introduction:

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

Working Group Drafts:

- **The IPv6 VPN Service Destination Option**, draft-ietf-6man-vpn-dest-opt , Ron Bonica, 15 min.

- **Deprecation of The IPv6 Router Alert Option**, draft-ietf-6man-deprecate-router-alert, Ron Bonica, 15 min.

- **Prioritizing known-local IPv6 ULAs through address selection policy**, draft-ietf-6man-rfc6724-update, Tim Chown, 10 min.

- **Carrying Network Resource Partition (NRP) Information in IPv6 Extension Header**, draft-ietf-6man-enhanced-vpn-vtn-id, Jie Dong, 10 min

- **Improving the Robustness of Stateless Address Autoconfiguration (SLAAC) to Flash Renumbering Event**, draft-ietf-6man-slaac-renum, Richard Patterson, 10 min.

Agenda (2 of 2)

Active Individual Drafts:

- **Using Prefix-Specific Link-Local Addresses to Improve SLAAC Robustness,** draft-link-6man-gulla, Jen Linkovas, 10 min.
- **IPv6 Node Requirements,** draft-clw-6man-rfc8504-bis, Tim Winters, 15 min
- **Internet Control Message Protocol (ICMPv6) Reflection,** draft-mh-6man-icmpv6-reflection, Ron Bonica, 10 min.
- **IPv6 Parcels and Advanced Jumbos,** draft-templin-6man-parcels2, Fred L. Templin, 5 min.

If Time Allows:

- **DetNet Related Routing Header,** draft-pb-6man-deterministic-crh, draft-p-6man-deterministic-eh , Shaofu Peng, 5 min.
- **Problem Statement with Aggregate Header Limit,** draft-liu-6man-aggregate-header-limit-problem, Yao Liu, 5 min.
- **Extending ICMPv6 for SRv6-related Information Validation,** draft-liu-6man-icmp-verification, Yao Liu, 5 min.

Document status (1 of 3)

Published RFCs:

- **RFC 9631** The IPv6 Compact Routing Header (CRH)
- **RFC 9673** IPv6 Hop-by-Hop Options Processing Procedures
- **RFC 9602** Segment Routing over IPv6 (SRv6) Segment Identifiers in the IPv6 Addressing Architecture

RFC Editor Queue:

- draft-ietf-6man-pio-pflag-12 Signaling DHCPv6 Prefix per Client Availability to Hosts

Submitted to IESG:

- draft-ietf-6man-snac-router-ra-flag-02 SNAC Router Flag in ICMPv6 Router Advertisement Messages
- draft-ietf-6man-eh-limits Limits on Sending and Processing IPv6 Extension Headers

Passed WG Last Call:

- draft-ietf-6man-rfc6724-update Preference for IPv6 ULAs over IPv4 addresses in RFC6724
- draft-ietf-6man-zone-ui-04 Entering IPv6 Zone Identifiers in User Interfaces

Plan to Start WG Last Call soon

- draft-ietf-6man-addr-assign-00 Clarification of IPv6 Address Assignment Policy

Update on `draft-ietf-6man-slaac-renum`

- [draft-ietf-6man-slaac-renum-08](#) Improving the Robustness of Stateless Address Autoconfiguration (SLAAC) to Flash Renumbering Events
  - New version published 21 October 2024
  - On today's 6MAN Agenda

- [draft-link-6man-gulla](#) Using Prefix-Specific Link-Local Addresses to Improve SLAAC Robustness
  - On today's 6MAN Agenda

Reminder: Collaboration with other WGs

- Other WGs' work might require 6MAN involvement

- 6MAN WG prefers to be involved after the other WG reaches some level of consensus, such as:
  - adoption call
  - confirmation from the WG chairs