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.

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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](https://www.ietf.org/rfc/rfc2026.txt) (Internet Standards Process)
- [BCP 25](https://www.ietf.org/rfc/rfc7941.txt) (Working Group processes)
- [BCP 25](https://www.ietf.org/rfc/rfc7941.txt) (Anti-Harassment Procedures)
- [BCP 54](https://www.ietf.org/rfc/rfc7941.txt) (Code of Conduct)
- [BCP 78](https://www.ietf.org/rfc/rfc7941.txt) (Copyright)
- [BCP 79](https://www.ietf.org/rfc/rfc7941.txt) (Patents, Participation)
- [https://www.ietf.org/privacy-policy/](https://www.ietf.org/privacy-policy/) (Privacy Policy)
Administrivia

Jabber Room: 6man@jabber.ietf.org

Meetecho: https://meetings.conf.meetecho.com/ietf112/?group=6man

Minutes: https://notes.ietf.org/notes-ietf-112-6man

Minutes taker: Peng Shuping and Barbara Stark

Jabber Scribe RFC7649: N/A

Presentations: https://datatracker.ietf.org/meeting/ietf112/session/6man
Speaker presentation

Meetecho now supports slide sharing directly from data tracker. The speaker should choose "Share Preloaded Slides" button and pick their presentation. The speaker can then advance slides themselves.
Agenda Tuesday 1600-1800 (UTC)

- Introduction and Document Status, Agenda Bashing, *Chairs*, 10 min.
- Joint Friday Session with V6OPS on IPv6 Hop by Hop Options, 5 min.
- SID & IPv6 addressing, Erik Kline, AD, Suresh Krishnan, 20 min.

**Working Group Drafts**

- IPv6 Application of the Alternate Marking Method, Giuseppe Fioccola, 20 min.

**Active Individual Drafts**

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

Joint 6MAN/V6OPS Session on IPv6 Hop by Hop Options

- **Friday Session 1 (12:00 - 14:00)**
- **General Idea:** Both working groups have drafts on issues with IPv6 Hop by Hop Option Header
- **Agenda:**
  - Administrivia (5 minutes)
  - Goals of this meeting (10 minutes)
  - **Requirement and solution drafts**
    - Operational Issues with Processing of the Hop-by-Hop Options Header (20 min)
      2021-10-11, <draft-ietf-v6ops-hbh>
    - IPv6 Hop-by-Hop Options Processing Procedures (20 min)
      2021-06-02, <draft-hinden-6man-hbh-processing>
    - Limits on Sending and Processing IPv6 Extension Headers (20 min)
      2021-06-22, <draft-herbert-6man-eh-limits>
  - **Lightening talks on use-cases (20 minutes, strictly limited to 5 minutes and 3 slides per talk)**
    - IPv6 Minimum Path MTU Hop-by-Hop Option
      2021-09-30, <draft-hinden-6man-mtu-option>
    - Approaches on Supporting IOAM in IPv6
      2021-07-08, <draft-song-ippm-ioam-ipv6-support>
    - Carrying Virtual Transport Network (VTN) Identifier in IPv6 Extension
      2021-10-24, <draft-dong-6man-enhanced-vpn-vtn-id>
    - IPv6 Application of the Alternate Marking Method
      2021-10-22, <draft-ietf-6man-ipv6-alt-mark>
  - **Structured group discussion of the following questions (25 minutes)**
    - Do we want to proceed with rehabilitation of the HBH?
    - Do we want to take some other action (e.g., deprecate the HBH Option)?
    - Do we need to reexamine currently defined HBH options?
    - Do we want to deprecate selected HBH options?
    - What work / documents need to progress to make this happen?
Document Status

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

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

RFC Editor Queue:
None

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. 3 DISCUSS status?)

IPv6 Application of the Alternate Marking Method
draft-ietf-6man-ipv6-alt-mark-12 3 DISCUSS (was 07 at 111)

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

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

**Awaiting writeup:**

*None*

**Working group adoption calls:**

*None*

**Working group documents:**

*None*

**Expired:**

*None*