



6MAN Working Group

IETF 112 - Tuesday

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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)

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

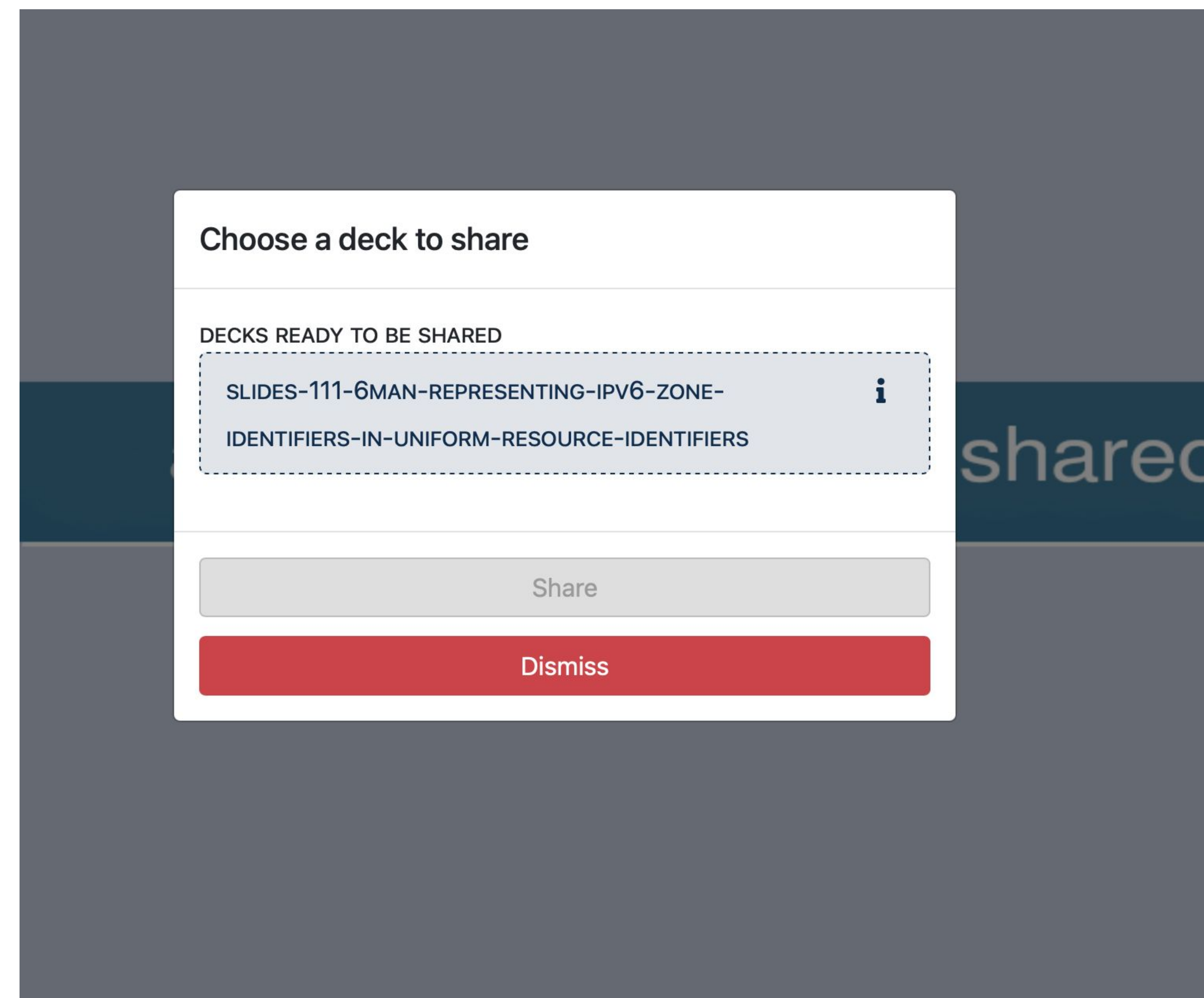
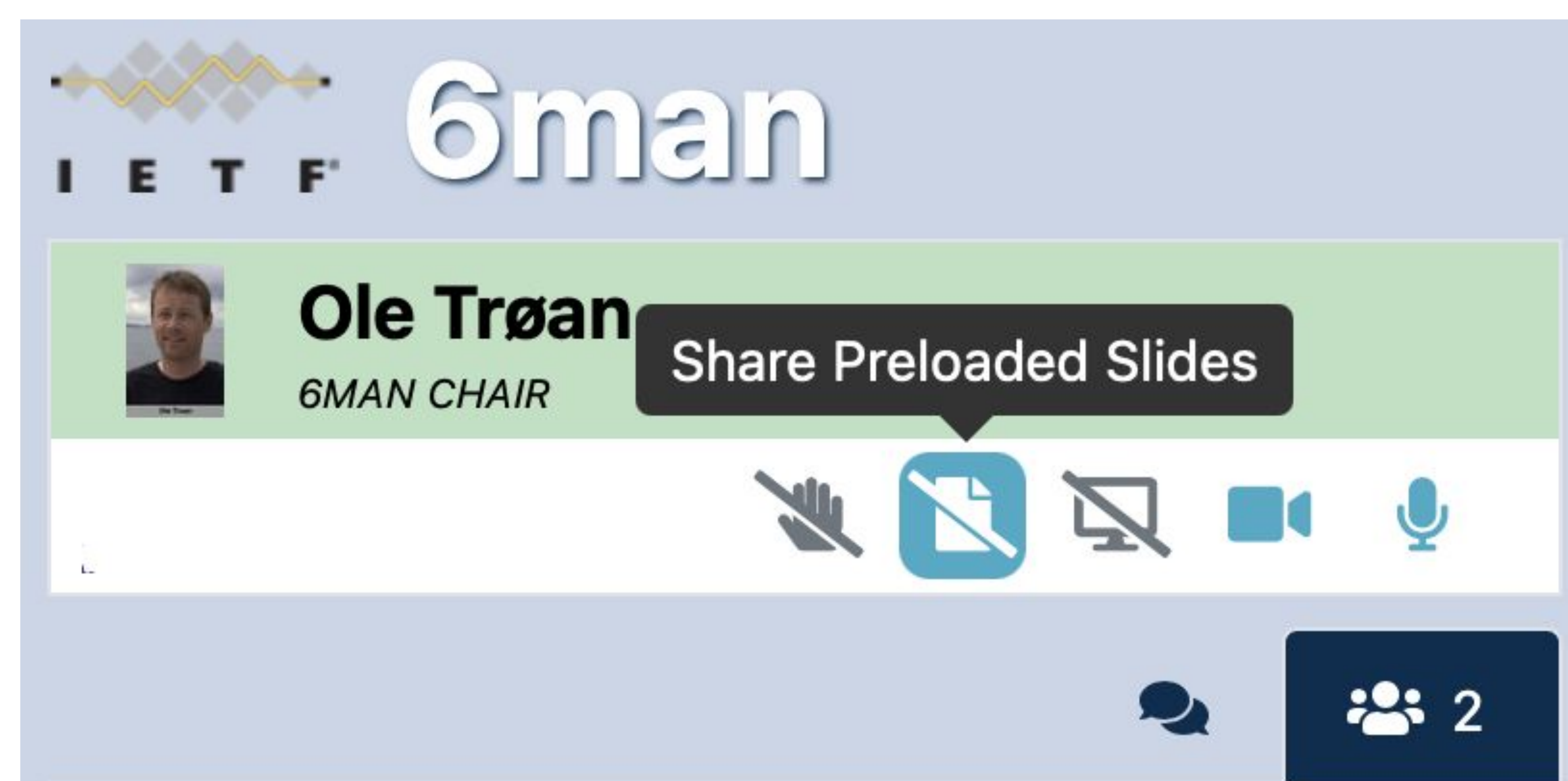
Presentations: <https://datatracker.ietf.org/meeting/ietf112/session/6man>

Speaker presentation

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The speaker should choose "Share Preloaded Slides" button and pick their presentation.

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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

- ND Prefix Robustness Improvements, [draft-vv-6man-nd-prefix-robustness](#), Vasilenko Eduard, 15 min.
- Carrying VTN Identifier in IPv6 Extension Header, [draft-dong-6man-enhanced-vpn-vtn-id](#) Jie Dong, 15 min.
- ICMPv6 Extensions for IOAM Capabilities Discovery, [draft-xiao-6man-icmpv6-ioam-conf-state](#), Xiao Min, 15 min.
- IPv6 Fragment Retransmission, [draft-templin-6man-fragrep](#), Fred Templin, 15 min.

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