

IETF 112 pim wg meeting

Chairs: Mike and Stig



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)



I E T F

Agenda

WG Administration	Stig & Mike	15 min
draft-ietf-pim-jp-extensions-lisp	Stig Venaas	10 min
draft-ietf-pim-sr-p2mp-policy	Hooman Bidgoli	10 min
draft-hb-pim-light	Hooman Bidgoli	10 min
draft-li-pim-igmp-mld-extension-source-management	Huanan Li	15 min
draft-ietf-pim-3376bis	Brian Haberman	10 min
draft-ietf-pim-3810bis	Brian Haberman	10 min

Status 1/2

- draft-ietf-pim-yang
 - In RFC editors queue, should be published in a few days
- draft-ietf-pim-igmp-mld-snooping-yang
 - In RFC editors queue
- draft-ietf-pim-bfd-p2mp-use-case
 - Draft is under IESG evaluation
- draft-ietf-pim-igmp-mld-extension
 - Publication requested, new version submitted in response to AD review.
- draft-ietf-pim-dr-improvement
 - Publication was requested. Returned to WG by AD. Needs more work.
Relationship with draft-ietf-pim-bdr...
- draft-ietf-pim-bdr
 - Have to work out what solutions the WG want for BDR and Sticky DR, draft-ietf-pim-dr-improvement is an alternate solution
- draft-ietf-pim-igmp-mld-proxy-yang
 - Just passed WGLC, will request publication shortly.

Status 2/2

- draft-ietf-pim-null-register-packing
 - Reviewed by several members of the WG, thanks!
 - Also reviewed by routing directorate. About to request publication.
- draft-ietf-pim-assert-packing
 - Most WGLC comments addressed by last revision. One more update needed before publication.
- draft-ietf-pim-sr-p2mp-policy
 - Discussed this meeting
- Progressing IGMPv3/MLDv2 to Internet Standard
 - Adopted draft-ietf-pim-3376bis-00 and draft-ietf-pim-3810bis-00. Discussed this meeting.
- Progressing Host Extensions IP Multicasting - ASM RFC 1112
 - draft-eckert-pim-rfc1112bis-00 was discussed in last meeting
- draft-ietf-pim-jp-extensions-lisp
 - Just adopted. Discussed this meeting.

Charter update

- We started doing some SR P2MP work in pim
 - Adopted draft-ietf-pim-sr-p2mp-policy
- We did this after discussion with spring on where the work should be done. We may want to formalize this in the charter. The spring chairs and Routing ADs are in agreement to add this to our charter.
- There's other WG's working on P2MP as well.
- Proposed text on next slide.

Charter update

The Protocols for IP Multicast (PIM) working group, is chartered to work on multiple IP multicast protocols. The Working Group is responsible for the maintenance of PIM, IGMP, and MLD.

The Working Group will work on the following specific items:

- 1) Improve PIM authentication.
- 2) Improve and Extend PIM Join Attributes to support different types of multicast applications.
- 3) Optimization approaches for IGMP and MLD including adapting to link conditions and being more robust to packet loss.
- 4) Develop P2MP protocols. This includes SR/SRv6 P2MP work per agreement with the SPRING WG. This may also require other P2MP protocols as requested from other Working Groups.

Additional work items may be added with a recharter.