

IDR Status

IETF-112

Susan Hares shares@ndzh.com

Jeffrey Haas jhaas@juniper.net

Keyur Patel keyur@arccus.com

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.

Note Well, page 2

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)

Note really well

- IETF meetings, virtual meetings, and mailing lists are intended for professional collaboration and networking, as defined in the [IETF Guidelines for Conduct](#) (RFC 7154), the [IETF Anti-Harassment Policy](#), and the [IETF Anti-Harassment Procedures](#) (RFC 7776). If you have any concerns about observed behavior, please talk to the [Ombudsteam](#), who are available if you need to confidentially raise concerns about harassment or other conduct in the IETF.
- The IETF strives to create and maintain an environment in which people of many different backgrounds are treated with dignity, decency, and respect. Those who participate in the IETF are expected to behave according to professional standards and demonstrate appropriate workplace behavior.
- IETF participants must not engage in harassment while at IETF meetings, virtual meetings, social events, or on mailing lists. Harassment is unwelcome hostile or intimidating behavior -- in particular, speech or behavior that is aggressive or intimidates.
- If you believe you have been harassed, notice that someone else is being harassed, or have any other concerns, you are encouraged to raise your concern in confidence with one of the Ombudspersons.

IETF Code Of Conduct Guidelines (RFC7154)

- Treat colleagues with respect
- Speak slowly and limit the use of slang
- Dispute ideas by using reasoned argument
- Use best engineering judgment
- Find the best solution for the whole Internet
- Contribute to the ongoing work of the group and the IETF

Please keep these in mind both at the mic and on Jabber/Meetecho IM.

RFCs since IETF-111

- RFC 9085 – BGP-LS Segment Routing Extensions
 - RFC 9086 – BGP-LS extensions for BGP-EPE
 - RFC 9104 – BGP-LS Extended Attribute Groups
 - RFC 9107 – Optimal Route Reflection
 - RFC 9117 – BGP Flowspec OID
-
- RFC 9087 – IETF YANG Policy – rtgwg document, but IDR relevant

Recently Adopted Work

- draft-li-flowspec-srv6
- draft-dawra-idr-bgp-ls-sr-service-segments

Other document status

- BGP Open Policy has been submitted to the IESG for publication, working through IETF last call.
- 7752-bis Ketan has responded to shepherd comments, need to iterate and then submit to IESG.
- SR-TE-Policy – Waiting shepherd writeup.
- Flowspec-RPD – Finished WGLC, waiting on consensus call and writeup.
- draft-ietf-idr-bgp-ext-com-registry – Working through IETF last call.

Interim – Flowspec v2 – September 27, 2021

- Discussion of functional contents of upcoming FSv2.
- Discussion of problem space for incremental deployment of new flowspec features.
- Presentation of Flowspec for SRv6

Next actions:

- Complete first revision of FSv2 document and resume discussion on IDR mailing list.

Interim – BGP-CT/-CAR – October 11, 2021

- Canceled due to document author conflicts.
- Will reschedule for December.

Interim – Autoconfiguration – October 18, 2021

- Review of autoconfiguration design team requirements.
- Presentation of auto-discovery-wan-ixp by Robert Raszuk
 - Useful for discussing generalization of autoconfiguration in non-DC contexts, but out of scope for targeted work.
- Presentation L3DL proposal by Randy Bush
- Presentation of draft-minto-bgp-auto-discovery by Venkata Shiva Avula (called Shiva).
- Also presented was vpn-orf by Aijun Wang since time was available.

Next Steps:

- Begin protocol selection discussion on mail list.

Upcoming Interim Meetings

Times:

- December 6, 10:00-12:30 ET
- December 13, 10:00-12:30 ET

Topics:

1. BGP -CT/-CAR.
2. FSV2, BGP Autoconf, other new drafts

Need to coordinate with document authors to find acceptable dates.

BGP YANG model

- A bit of advancement since IETF-111.
- Authors are intending to push for document completion by end of year.
- Once complete, we'll need detailed, impartial reviewers since all authors have become IDR chairs over the life of the document. 😊

BGP Multicast Work

- There are a number of documents related to multicast technologies that overlap BGP work.
 - There is procedural overlap in these documents that cross IDR and BESS.
 - The motivation for many of these documents is Segment Routing.
 - SPRING is not chartered to do multicast currently
 - IDR and BESS chairs and Area Directors are discussing about how best to coordinate the work.
- draft-ietf-pim-sr-p2mp-policy (overall architecture document)
 - draft-hb-pim-p2mp-policy-ping
 - draft-ietf-bess-bgp-multicast-controller
 - draft-ietf-bess-evpn-ipvpn-interworking
 - draft-ietf-idr-p2mp-policy
 - Additional work in BIER