

24-25 July 2023

IETF 117 - IDR

This session is being recorded

IETF 117 San Francisco
hosted by

NOKIA

Internet Engineering Task Force
© 2023 IETF Trust
Production by Meetecho



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)



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 confidentiality to raise concerns confident about harassment or other conduct in the IETF.
- The IETF strives to create and maintain an environment in which people of many different backgrounds and identities 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.

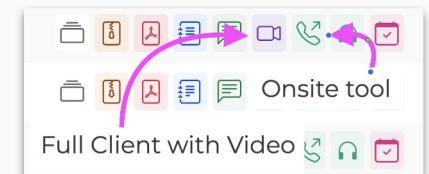


This session is being recorded

IETF 117 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*



Remote participants

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

Resources for IETF 117 San Francisco

- Agenda
<https://datatracker.ietf.org/meeting/agenda>
- Meetecho and other information:
<https://www.ietf.org/how/meetings/preparation>
- If you need technical assistance, see the Reporting Issues page:
<http://www.ietf.org/how/meetings/issues/>

Working Group Status (1/2)

- We've had a reminder from our Area Director, Andrew, that the IESG will be treating the 5 author document maximum seriously. (RFC 7322)
- BGP YANG model finished WGLC, waiting on implementations.
- Working Group Last Call for bgp-car and bgp-ct.
 - See next set of slides for separate status on this.
 - draft-wang-idr-cpr-01 has been reviewed by each of these proposals.
- [draft-ietf-idr-ts-flowspec-srv6-policy](#) - shepherd review done. Needs to be submitted to IESG.

Working Group Status (2/2)

- Working with authors of draft-ietf-bess-evpn-ipvpn-interworking to address issues with dpath.
- Need further followup on draft-ietf-bess-evpn-unequal-lb.
 - Chairs are aware of work to address extended community transitivity issues and inconsistent implementation among vendors for draft-ietf-idr-link-bandwidth

Area Director Review Queue (1/2)

- Advertising Segment Routing Policies in BGP
(draft-ietf-idr-segment-routing-te-policy)
[Shepherd: Susan Hares]
 - Concerns from AD about unimplemented types. There will be a discussion about what to do about those types.
- BGP Community Container Attribute / Wide BGP Communities
(draft-ietf-idr-wide-bgp-communities)
[Shepherd: Keyur Patel]
 - Discussion about structural split between documents for container and the Wide community. Need to figure out where the Atoms go.

Area Director Review Queue (2/2)

- BGP Extensions for Routing Policy Distribution (RPD) (draft-ietf-idr-rpd)
[Shepherd: Keyur Patel]
 - Concerns about satisfying the two implementation rule for IDR. Some concerns about how some of the new Atoms are structured. Next action likely a meeting with authors, AD, and chairs to figure out path forward.

At the RFC Editor's Queue

- BGP Link State Extensions for SRv6 (draft-ietf-idr-bgppls-srv6-ext)
- Distribution of Link-State and Traffic Engineering Information Using BGP (draft-ietf-idr-rfc7752bis)

IESG Review

- Support for Long-lived BGP Graceful Restart (draft-ietf-idr-long-lived-gr)

Adoptions held pending...

- [draft-dong-idr-sr-policy-nrp-01](#) - held for review vs. similar document.
- [draft-chen-idr-mbinding-00](#) - held for cross-WG review with spring

Allocation Requests

- draft-ietf-idr-5g-edge-service-metadata-04 asking for path attribute

Upcoming adoptions

1. draft-zhang-idr-sr-policy-metric-04 - (ETA 7/28 to 8/11)
2. draft-mishra-idr-v4-island-v6-core-4pe-02 (ETA 7/23 to 8/11)
3. draft-xie-idr-mpbgp-extension-4map-6 (ETA 7/23 to 8/11)
4. draft-peng-idr-segment-routing-te-policy-attr (ETA 8/11 to 8/25)
5. draft-ssangli-idr-bgp-generic-metric-aigp (ETA: 8/11 to 8/25)
6. draft-wu-idr-bgp-segment-allocation-ext-08 (ETA: 8/25 to 9/8)
7. draft-lin-idr-sr-policy-seglist-id (ETA: 8/25 to 9/8)

Monday

Agenda Monday 24 July (1/4)

0. Agenda bashing and Chairs' Slides (5 mins)

[Chairs]

1. BGP Classful Transport Planes (5 mins)

draft-ietf-idr-bgp-ct-12

[Reshma Das]

2. BGP Color-Aware Routing (CAR) (5 mins)

draft-ietf-idr-bgp-car-02

[Dhananjaya Rao]

3. BGP Colorful Prefix Routing (CPR) for SRv6 based Services (5 mins)

draft-wang-idr-cpr-02

[Jie Dong]

4. Discussion on Route with Color (5 mins)

Agenda Monday 24 July (2/4)

5. BGP MultiNextHop Attribute (5 mins)

draft-kaliraj-idr-multinexthop-attribute-08

[Kaliraj Vairavakkalai]

6. SRv6 Segment List Optimization (10 mins)

draft-liu-idr-srv6-segment-list-optimize-00

[Changwang Lin/Yisong Liu]

7. One Administrative Domain using BGP (10 mins)

draft-uttaro-idr-bgp-oad-02

[Alvaro Retana/Keyur Patel]

8. BGP Extension for 5G Edge Service Metadata (5 mins)

draft-ietf-idr-5g-edge-service-metadata-04

[Linda Dunbar]

Agenda Monday 24 July (3/4)

9. BGP Dissemination of FlowSpec for Transport Aware Mobility (5 mins)

draft-dmc-idr-flowspec-tn-aware-mobility-03

[Linda Dunbar]

10. SRv6-based BGP Service Capability (10 mins)

draft-lz-bess-srv6-service-capability-04

[Yao Liu]

11. BGP Extensions of SR Policy for Segment List Protection (5 mins)

draft-lp-idr-sr-path-protection-06

[Yao Liu]

12. Advertisement of Segment Routing Policies using BGP Link-State (5 mins)

draft-ietf-idr-bgp-ls-sr-policy-00

[Ketan Talaulikar]

Agenda Monday 24 July (4/4)

13. Validity of SR Policy Candidate Path (5 mins)

draft-chen-idr-bgp-sr-policy-cp-validity-01

[Ran Chen]

14. BGP over QUIC (15 mins)

draft-retana-idr-bgp-quic-02

[Jeff Haas]

15. MP-BGP Extension and the Procedures for IPv4/IPv6 Mapping Advertisement (10 mins)

draft-xie-idr-mpbgp-extension-4map6-03

[Chongfeng Xie]

16. Connecting IPv4 Islands over IPv6 Core using IPv4 Provider Edge Routers (4PE) (5 mins)

draft-mishra-idr-v4-islands-v6-core-4pe-04

[Gyan Mishra]

Tuesday

Agenda Tuesday 25 July (1/2)

0. Agenda bashing and Chairs' Slides (3 mins)

[Chairs]

1. BGP Flow Specification for DetNet and TSN Flow Mapping (10 mins)

draft-xiong-idr-detnet-flow-mapping-04

[Quan Xiong]

2. The Secondary Label and its applications (10 mins)

draft-mohanty-idr-secondary-label-00

[Satya Mohanty]

3. The extensions of BGP-LS to carry security capabilities (10 mins)

draft-chen-idr-bgp-ls-security-capability-00

[Meiling Chen]

Agenda Tuesday 25 July (2/2)

4. BGP Attribute Escape (10 mins)

draft-haas-idr-bgp-attribute-escape-00

[Jeff Haas]

5. Source Address Validation (SAVNET) Architecture (15 mins)

draft-li-savnet-intra-domain-architecture-02

draft-wu-savnet-inter-domain-architecture-02

[Nan Geng]