

Bit Indexed Explicit Replication (BIER)

10th November 2023

IETF 118 BIER Session

This session is being recorded

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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- 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

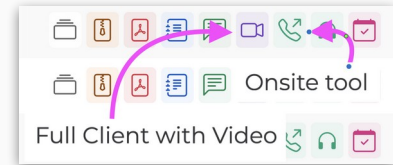
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IETF 118 Meeting Tips

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 118 Prague

- 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/>
- BIER WG Minutes
<https://notes.ietf.org/notes-ietf-118-bier>

Agenda

- 00, WG status, Chairs, 10 minutes
- 01, BIER OAM updates, Gregory Mirsky, 10 minutes
- 02, P4 Tofino implementation experiences with advanced stateless multicast source routing, Michael Menth / Steffen Lindner, 20 minutes
- 03, BIER prefix redistribute (draft-ietf-bier-prefix-redistribute-05), Sandy Zhang, 5 minutes
- 04, BIER Redundant Ingress Router Failover (draft-ietf-bier-source-protection-05), Yisong Liu, 5 minutes
- 05, Generic Multicast Router Election on LAN's (draft-wijnands-bier-mld-lan-election-02), IJsbrand Wijnands / Stig Venaas, 10 minutes
- 06, BIER Hackathon Process, Jeffrey Zhang, 5 minutes
- 07, BIER-TE related draft updates: OSPF Extensions for BIER-TE, BIER-TE for Broadcast (draft-ietf-bier-te-ospf, draft-ietf-bier-te-ospfv3, draft-chen-bier-te-lan), Huaimo Chen, 15 minutes
- 08, BIER uloop (draft-liu-bier-uloop-03), Changwang Lin / Yuanxiang Qiu, 10 minutes

BIER WG Doc Status

Drafts in IESG:

- draft-ietf-bier-ospfv3-extensions
- draft-ietf-bier-evpn
- draft-ietf-bier-tether
- draft-ietf-bier-idr-extensions

BIER WG Doc Status

Drafts passed WGLC: :

- draft-ietf-bier-bierin6 (WGLC done, needs shepherd)
- draft-ietf-bier-lsr-non-mpls-extensions (WGLC done, shepherd assigned, needs shepherd's review)
- draft-ietf-bier-ping (WGLC done, early review done, shepherd's review done)
- draft-ietf-bier-php (WGLC done, shepherd's review done)

BIER WG Doc Status

Drafts in LC:

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- draft-ietf-bier-bfd (Early review done, needs shepherd)
- draft-ietf-bier-bgp-ls-bier-ext (Shepherd's review done, revision done)
- draft-ietf-bier-oam-requirements (Early review done, needs new shepherd)
- draft-ietf-bier-path-mtu-discovery (Shepherd is reviewing)
- draft-ietf-bier-prefix-redistribute (Needs shepherd's review, presenting in this meeting)
- draft-ietf-bier-use-cases (Waiting for Write-Up)

Related work in other WGs

- **Newly adopted draft in PCE WG**
 - draft-chen-pce-bier

BIER WG

- Thanks!

