

Bit Indexed Explicit Replication (bier)

31 March 2023

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IETF 116 Yokohama
hosted by



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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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

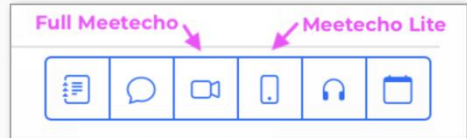
- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

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IETF 116 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*
- **Wear masks unless actively speaking at the microphone.**



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 116 Yokohama

- 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-116-bier>

Agenda

0. WG states, WG chairs, 10 minutes
1. BIER OAM WG drafts, Gregory Mirsky, 10 minutes
2. BIER Prefix Redistribute, Sandy Zhang, 5 minutes
3. BIER Anycast, Jeffrey Zhang, 15 minutes
4. Update on RBS and related work, Toerless Eckert 10 minutes
5. BIER-TE PCE&IDR, Ran Chen, 10 minutes
6. BIER-TE BIFT-ID advertisement, Sandy Zhang, 10 minutes
7. BIER Multicast use cases in DC, Weiqiang Cheng, 10 minutes
8. BIER-TE BP advertisement, Huaimo Chen, 10 minutes

BIER WG Doc Status

Drafts in IESG:

- draft-ietf-bier-ospfv3-extensions
- draft-ietf-bier-evpn

BIER WG Doc Status

Drafts in LC:

- **draft-ietf-bier-bgp-ls-bier-ext**
- **draft-ietf-bier-idr-extensions**
- **draft-ietf-bier-php**
- **draft-ietf-bier-tether**

- WGLC completed
- Shepherd's review done
- Next step: IESG?

BIER WG Doc Status

Drafts ready for LC:

- **draft-ietf-bier-mld**

- Associated PIM extension draft has been published
- Shepherd assigned, waiting for Shepherd's review

- **draft-ietf-bier-prefix-redistribute**

- Shepherd assigned
- presenting in this meeting

- **WG OAM Drafts:**

- Presenting in this meeting

BIER WG Doc Status

WG drafts need shepherd for early review:

- draft-ietf-bier-bfd
- draft-ietf-bier-bierin6
- draft-ietf-bier-frr
- draft-ietf-bier-multicast-as-a-service
- draft-ietf-bier-source-protection
- draft-ietf-bier-te-isis
- draft-ietf-bier-te-ospf
- draft-ietf-bier-te-ospfv3

BIER WG Doc Status

Per charter we still need work on:

- Oam, YANG needs refresh & push to WG LC
- Applicability in EVPN has to be written per charter
- PCE on programming BFRs is open to be written (but not required to be done)
- Bier use cases need be revived
- We have pce for te already but need normal one

BIER WG

● Thanks!

