Bit Indexed Explicit Replication (bier)

31 March 2023

This session is being recorded
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)
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](https://datatracker.ietf.org/meeting/agenda)

- Meetecho and other information:
  [https://www.ietf.org/how/meetings/preparation](https://www.ietf.org/how/meetings/preparation)

- If you need technical assistance, see the Reporting Issues page:

- BIER WG Minutes
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
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
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

Expired WG drafts are not listed here
**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
Thanks!