

# Bit Indexed Explicit Replication (BIER)

10th November 2022

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IETF 115 London  
hosted by



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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:

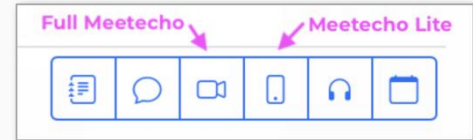
- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
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## In-person participants

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



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- 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 115 London

- Agenda  
<https://datatracker.ietf.org/meeting/agenda>
- Meetecho and other information:  
<https://www.ietf.org/how/meetings/115/preparation>
- If you need technical assistance, see the Reporting Issues page:  
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# Agenda

0. WG status, chairs, 10 minutes;
1. draft-ietf-bier-mldp-signaling-over-bier, Hooman Bidgoli, 10 minutes
2. draft-ietf-bier-idr-extensions, Jeffrey Zhang, 10 minutes
3. draft-ietf-bier-prefix-redistribute, Jeffrey Zhang/Sandy Zhang, 5 minutes
4. Efficient P4-Based BIER Implementation on Tofino, Steffen Lindner, 15 minutes
5. draft-eckert-bier-cgm2-rbs, Toerless Eckert, 10 minutes

If time permits,

6. draft-ietf-bier-frr, Huaimo Chen/Steffen Lindner, 10 minutes
7. draft-zwx-bier-te-extensions, Sandy Zhang, 10 minutes

# BIER WG Doc Status

## New published RFC:

- **RFC 9262** (was draft-ietf-bier-te-arch)
  - Tree Engineering for Bit Index Explicit Replication (BIER-TE)
- **RFC 9272** (was draft-ietf-bier-bar-ipa)
  - Underlay Path Calculation Algorithm and Constraints for Bit Index Explicit Replication (BIER)

# BIER WG Doc Status

## Drafts in IESG:

- **draft-ietf-bier-ospfv3-extensions**
  - AD, chair comments outstanding waiting to be addressed by authors
  - Has not been updated yet

# BIER WG Doc Status

## Drafts in LC:

- **draft-ietf-bier-bgp-ls-bier-ext**
  - Updated, review finished
  - Next step: IESG?
- **draft-ietf-bier-evpn**
  - WGLC completed
  - Waiting for Shepherd  
Mankamana review
- **draft-ietf-bier-php**
  - WGLC completed
  - Needs Shepherd
- **draft-ietf-bier-idr-extensions**
  - Jeffrey updated the draft,  
thanks Jeffrey for his work.
  - Presenting in this meeting



# BIER WG Doc Status

## Drafts ready for LC:

- **draft-ietf-bier-mlid**
  - Associated PIM extension draft has been published
  - Waiting for Shepherd Mankamana review
- **draft-ietf-bier-prefix-redistribute**
  - Needs Shepherd
  - presenting in this meeting

## WG OAM Drafts:

- **draft-ietf-bier-ping**
  - Still waiting for updating from authors

# 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-lsr-non-mpls-extensions
- 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
- draft-ietf-bier-te-yang

Expired WG drafts are not list here

# BIER WG

- Thanks!

