

# BESS WG

IETF 121 - November 2024

## **Chairs:**

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# 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)

# Meeting tips

- **In-person:**

- Make sure to sign into the session using Meetecho
- Use Meetecho to join the mic queue (lite client available – scan the QR code)

- **Remote participants:**

- Unmute yourself only when allowed by chairs to speak

- **Additional note takers?**

# Agenda

Working group update

Chairs 15 min 9:30 AM

Working Group Draft Update :

draft-ietf-bess-evpn-vpws-seamless-01

Patrice Brissette 5 min 9:45 AM

draft-ietf-bess-weighted-hrw-01

Mankamana 5 min 9:50 AM

draft-ietf-bess-secure-evpn-01

Ali Sajassi 10 min 9:55 AM

Individual Drafts:

draft-sajassi-bess-rfc8317bis-02

Ali Sajassi 15 min 10:05 AM

draft-lrssi-bess-evpn-group-policy-01

Ali Sajassi

draft-rabnag-bess-evpn-anycast-aliasing-02

Jorge Rabadan 10 min 10:20 AM

draft-burdet-bess-evpn-fast-reroute-08

Luc André Burdet 5 min 10:30 AM

draft-liu-bess-srv6-service-sid-nffrr-flag-02

Changwang 5 min 10:35 AM

draft-levyabegnoli-bess-evpn-savi-03

Ratko K 5 min 10:40 AM

draft-rbickhart-evpn-ip-mac-proxy-adv-02

Wen Lin 10 min 10:45 AM

draft-sajassi-bess-evpn-first-hop-security-03

Krishnaswamy 15 min 10:55 AM

draft-sajassi-bess-evpn-umr-mobility-02

Krishnaswamy

draft-lz-bess-srv6-service-capability-06

Yao 5 min 11:10 AM

Individual Rev 0 Drafts :

draft-xie-bess-evpn-extension-evn6-00

Chongfeng 10 min 11:15 AM

# Status Update

- **New RFCs Published since last IETF**
  - [RFC 9625](#)  
EVPN Optimized Inter-Subnet Multicast (OISM) Forwarding
- **Documents in RFC Ed Queue:**
  - draft-ietf-bess-evpn-pref-df-13 (MISSREF to draft-ietf-bess-evpn-virtual-eth-segment)
  - draft-ietf-bess-evpn-mh-split-horizon-11

# AD & IESG Review:

- **EVPN Virtual Ethernet Segment (draft-ietf-bess-evpn-virtual-eth-segment-16)**  
IETF LC requested
- **Multicast Source Redundancy in EVPN Networks (draft-ietf-bess-evpn-redundant-mcast-source-09)**  
AD Evaluation
- **EVPN VPWS Flexible Cross-Connect Service (draft-ietf-bess-evpn-vpws-fxc-08)**  
Waiting for AD Go-Ahead
- **Fast Recovery for EVPN Designated Forwarder Election (draft-ietf-bess-evpn-fast-df-recovery-09)**  
With IESG. Currently has one DISCUSS
- **EVPN Port-Active Redundancy Mode (draft-ietf-bess-evpn-mh-pa-10)**  
In Last Call
- **Extended Mobility Procedures for EVPN-IRB (draft-ietf-bess-evpn-irb-extended-mobility-17)**  
In Last Call

# Documents under WG LC or in Shepherd's review

- **Weighted Multi-Path Procedures for EVPN Multi-Homing (draft-ietf-bess-evpn-unequal-lb-23)** (Stephane)
  - Waiting for IDR review
- **EVPN control plane for Geneve (draft-ietf-bess-evpn-geneve-08)** (Matthew)
  - Reviews from IDR (Sue Hares and document shepherd (Matthew))
  - Authors need to address comments before moving forward
- **EVPN Interworking with IPVPN (draft-ietf-bess-evpn-ipvpn-interworking-11)** :
  - Was waiting on review of latest version from Jeff Haas (IDR co-chair)
  - New text has been agreed
  - Ready to move forward?
- **BGP based Multi-homing in Virtual Private LAN Service (draft-ietf-bess-vpls-multihoming-05)**
  - Died in IESG and authors went silent
  - Requests allocation of a couple of code points from "Layer2 Info Extended Community Control Flags Bit Vector", which did not happen because the draft died
  - Known implementations
  - Chairs will be appointing a new editor to take this forward

# Document potentially ready for WG LC

- **draft-ietf-bess-bgp-srv6-args-02**
  - Authors have asked for an expedited WG LC
- **draft-ietf-bess-evpn-ac-aware-bundling-04**
  - Mankamana Addressing comments from Jeffery
- **draft-ietf-bess-evpn-per-mcast-flow-df-election-09**
  - RTGDIR review comments provided. Discussion is not closed yet. Draft update in progress.
- **draft-ietf-bess-extended-evpn-optimized-ir-06**
  - RTGDIR/GENART review comments addressed
- **draft-ietf-bess-mvpn-evpn-sr-p2mp-09**
- **draft-ietf-bess-bgp-multicast-controller-12, draft-ietf-bess-bgp-multicast-08**
  - Follow-up IDR comments to be addressed
- **draft-ietf-bess-rfc7432bis-10**
  - Who has read the latest version? Ready?



# Document ready for WGLC

- **draft-ietf-bess-evpn-mvpn-seamless-interop-07**
  - Who has read the latest version? Ready?
- **draft-ietf-bess-evpn-bfd-07**
  - RTGDir review comments provided. List discussion ongoing.
  - Needs joint WG LC with BFD WG (will CC [rtg-bfd@ietf.org](mailto:rtg-bfd@ietf.org))

# Document Queue for Adoption call

- **draft-duan-bess-mvpn-ipv6-infras-04**
  - Authors please coordinate with Jeffrey
- **draft-zzhang-bess-mvpn-evpn-cmcast-enhancements-03**
  - Above two need to be considered together
  - Will adopt text from only one of these
- **draft-mpmz-bess-mup-safi-03**
  - Needs author list clean-up and dependent on draft-mhkk-dmm-mup-architecture-01
- **draft-liu-bess-srv6-service-sid-nffrr-flag-02**
  - Need to resolve discussion with draft-liu-bess-srv6-service-sid-nffrr-flag-02
- **draft-wang-bess-mvpn-upstream-df-selection-07**
- **draft-burdet-bess-evpn-fast-reroute-06**
- **draft-kaliraj-bess-bgp-sig-private-mpls-labels-07**
  - Needs cross-WG review (MPLS, IDR)
- **draft-mackenzie-bess-evpn-l3mh-proto-05**

# Draft Presentations