

# BESS WG

IETF 119 – March 2024

## **Chairs:**

Stephane Litkowski [slitkows.ietf@gmail.com](mailto:slitkows.ietf@gmail.com)

Matthew Bocci [matthew.bocci@nokia.com](mailto:matthew.bocci@nokia.com)

Jeffrey Zhang [zzhang@juniper.net](mailto:zzhang@juniper.net)

**Secretary:** Mankamana Mishra [mankamis@cisco.com](mailto:mankamis@cisco.com)

# 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.

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)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

# 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

- **Note taker?**

# Agenda

21 March 2024

09:30-11:30 Local Time (Australian EST), Room M4

---

Topic	Presenter	Time
Working group update	Chairs	15 min
draft-ietf-mpls-1stnibble-04	Greg Mirsky	10 min
draft-ietf-bess-evpn-ip-aliasing-01	Jorge rabadan	5 min
draft-rabadan-bess-evpn-inter-domain-opt-b-03	Jorge rabadan	5 min
draft-rabnic-bess-evpn-mcast-eeg-03	Jorge rabadan	5 min
draft-zzhang-bess-bgp-mvpn-source-active-route	Jeffery	10 min
Thoughts on a potential rfc614bis draft	Jeffery	10 min
draft-sajassi-bess-evpn-first-hop-security-02	Krishnaswamy	5 min
draft-wang-bess-secservice-02	Hang Shi	10 min
draft-lrssi-bess-evpn-group-policy-00	Ali Sajassi	10 min
draft-sajassi-bess-rfc8317bis-01	Ali Sajassi	10 min
draft-malhotra-bess-evpn-centralized-anycast-gw-01	Neeraj	10 min
If time permits :		
draft-sajassi-bess-evpn-l3-optimized-irb-02	Chuanfa	10 min

---

# New Routing Area Director

Gunter Van de Velde is taking over as our responsible AD

- Welcome Gunter (and good luck!)

Thanks to our outgoing AD, Andrew Alston, for his stewardship over the last few years.

# Status Update

- **RFC Published since last IETF**

- RFC 9489 Label Switched Path (LSP) Ping Mechanisms for EVPN and Provider Backbone Bridging EVPN (PBB-EVPN)

- **Documents in RFC Ed Queue:**

- draft-ietf-bess-evpn-bum-procedure-updates-14
- draft-ietf-bess-mvpn-evpn-aggregation-label-14
- draft-ietf-bess-evpn-optimized-ir-12
- draft-ietf-bess-evpn-pref-df-13 (MISSREF)
- draft-ietf-bess-pbb-evpn-isid-cmacflush-09 (Auth48)

# AD & IESG Review:

- draft-ietf-bess-evpn-virtual-eth-segment-15: With AD
- draft-ietf-bess-evpn-irb-extended-mobility-17: With AD
- draft-ietf-bess-evpn-vpws-fxc-08 : With AD
- draft-ietf-bess-bgp-sdwan-usage-21 : Two IESG DISCUSS
- draft-ietf-bess-evpn-irb-mcast-11 : IESG approved, pending one revision
- draft-ietf-bess-evpn-mh-split-horizon-08 : With AD
- draft-ietf-bess-evpn-fast-df-recovery-08 : With AD

# Documents under Shepherd's review

- draft-ietf-bess-evpn-redundant-mcast-source-09 (Mankamana)
  - Authors updated the draft. Waiting for Writeup.
- draft-ietf-bess-evpn-mh-pa-10 (Stephane )
  - GEN ART review done. Waiting for write-up will be done
- draft-ietf-bess-evpn-unequal-lb-21 (Stephane)
  - RTGDIR and GENART reviews done on v18. Waiting for write-up.
- draft-ietf-bess-evpn-geneve (Matthew)
  - Waiting for implementations. request participants to send email to chairs if any known implementation.



# Document Failed WGLC

- draft-ietf-bess-evpn-l2gw-proto-04:
  - Too little support to demonstrate WG interest
  - Please speak up on the list if you want to see this progress.
- draft-ietf-bess-evpn-ipvpn-interworking-09 :
  - Waiting on review of latest version from Jeff Haas (IDR co-chair)
  - BESS chairs will follow-up.

# Document potentially ready for WGLC

- draft-ietf-bess-evpn-ac-aware-bundling-04
  - Authors need to address comments on the list before proceeding
- draft-ietf-bess-evpn-per-mcast-flow-df-election-09
  - Expired.
  - Draft needs to be updated to address comments on the list
- draft-ietf-bess-extended-evpn-optimized-ir-06
  - RTGDIR/GENART review comments addressed
- draft-ietf-bess-rfc7432bis-08
  - RTGDIR review addressed
- draft-ietf-bess-bgp-multicast-controller-12
  - RTGDIR and GENART review comments for -011 revision addressed
    - RTGDIR confirmation pending

# Document ready for WGLC

- draft-ietf-bess-bgp-multicast-07
  - RTGDIR and GENART review comments for -05 revision addressed
- draft-ietf-bess-evpn-mvpn-seamless-interop-06
  - Comments from RTGDIR and GENART received, draft being updated
- draft-ietf-bess-bgp-srv6-args
  - Authors have asked for an expedited WG LC due to its impact on interpretation of RFC 9252

# Document Queue for Adoption call

- draft-sr-bess-evpn-dpath-04 – ongoing call
- draft-sajassi-bess-evpn-ip-aliasing-04 – ongoing call
- draft-mpmz-bess-mup-safi-03 – Needs author list clean-up
- draft-thubert-bess-secure-evpn-mac-signaling-04
- draft-duan-bess-mvpn-ipv6-infras-04
- draft-zzhang-bess-mvpn-evpn-cmcast-enhancements-03
  - Above two need to be considered together
- draft-wang-bess-mvpn-upstream-df-selection-07
- draft-burdet-bess-evpn-fast-reroute-06
  - Needs review with SPRING
  - Outstanding question on whether a flag should be used instead of different behaviors
- draft-kaliraj-bess-bgp-sig-private-mpls-labels-07
  - Needs cross-WG review (MPLS, IDR)

# Draft Presentations