BESS WG

IETF 110 – Online – March 2021

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Secretary: Mankamana Mishra 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.

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• 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)
Agenda

BESS Working Group Agenda
March 10, 13:00 - 15:00
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Working Group Status                                      Chairs            15 min
draft-mishra-bess-ipv4nlri-ipv6nh-use-cases-08            Gyan Mishra       05 min
draft-ietf-bess-evpn-bfd                                  Donald Eastlake   05 min
draft-ietf-bess-evpn-mh-pa-01                             Luc Andre Burdet  05` min
draft-brissette-bess-evpn-l2gw-proto-06                   Lukas Krattiger   10 min
draft-dskc-bess-bgp-car-modal-operp-01                    Dhananjaya Rao   10 min
draft-dskc-bess-bgp-car-00                                Dhananjaya Rao   10 min
draft-hegde-spring-mpls-seamless-sr                       Shraddha Hegde    10 min
draft-kaliraj-idr-bgp-classful-transport-planes-07        Kaliraj           10 min
draft-wang-bess-l3-accessible-evpn                         Wei Wang          10 min
draft-head-rift-auto-evpn-00                              Tony Przygienda   10 min
Buffer
**** If time permits ***********
draft-kaliraj-bess-bgp-sig-private-mpls-labels-01         Kaliraj           10 min
Status Update

- RFC Published since last IETF
  - RFC 8950
- Documents in RFC Ed Queue:
  - draft-ietf-bess-dci-evpn-overlay
  - draft-ietf-bess-evpn-prefix-advertisement
  - draft-ietf-bess-nsh-bgp-control-plane
  - draft-ietf-bess-mvpn-fast-failover
- AD (Martin) & IESG Review:
  - draft-ietf-bess-evpn-inter-subnet-forwarding (IESG review) => DISCUSS to be solved
  - draft-ietf-bess-evpn-na-flags (IESG review) => DISCUSS to be solved
  - draft-ietf-bess-evpn-proxy-arp-nd (IESG Review) => DISCUSS to be solved
  - draft-ietf-bess-evpn-optimized-ir (AD)
  - draft-ietf-bess-evpn-oam-req-frmwk (AD)
  - draft-ietf-bess-mvpn-msdp-sa-interoperation (AD)
  - draft-ietf-bess-bum-procedure-updates (AD)
  - draft-ietf-bess-datacenter-gateway (AD)
Documents under Shepherd's review

- draft-ietf-bess-evpn-irb-mcast – Review finished, final comment to be provided and write up to be provided to move forward.

- draft-ietf-bess-evpn-virtual-eth-segment- Discussions are still occurring (need support from editors)

- draft-ietf-bess-evpn-pref-df - Resolution of issues in progress

- draft-ietf-bess-mvpn-evpn-aggregation-label - Stephane to review

- draft-ietf-bess-srv6-services – RTGDIR review addressed, Matthew to review
## Last poll status

<table>
<thead>
<tr>
<th>Type</th>
<th>Document</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGLC</td>
<td>draft-ietf-bess-evpn-irb-extended-mobility</td>
<td>Poll closed. Neeraj need to update the document (minor comments)</td>
</tr>
<tr>
<td>WGLC</td>
<td>draft-ietf-bess-evpn-vpws-fxc</td>
<td>Very few responses. It can not be moved forward. Call Will be extended.</td>
</tr>
<tr>
<td>WGLC</td>
<td>draft-ietf-bess-evpn-lsp-ping</td>
<td>Matthew to follow up, waiting on MPLS chairs.</td>
</tr>
<tr>
<td>WG adoption</td>
<td>draft-mohanty-bess-weighted-hrw</td>
<td>Waiting on Ali response (IPR) to move forward.</td>
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</tbody>
</table>
Ready for WG LC

No WG document ready for its first WGLC

New short WGLC required for:
• draft-ietf-bess-evpn-unequal-lb
• draft-ietf-bess-evpn-igmp-mld-proxy
New WG documents

- draft-skr-bess-evpn-redundant-mcast-source
Documents ready for WG adoption:

- draft-brissette-bess-evpn-l2gw,proto
# WG Document updates

<table>
<thead>
<tr>
<th>Document</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>draft-ietf-bess-evpn-redundant-mcast-source</td>
<td>Recent WG document</td>
</tr>
<tr>
<td>draft-ietf-bess-rfc7432bis</td>
<td>Work is on going</td>
</tr>
<tr>
<td>draft-ietf-bess-evpn-per-mcast-flow-df-election</td>
<td>No new comment received in last IETF. Draft is being updated. Implementation also exists. Would be ready for WGLC after update.</td>
</tr>
<tr>
<td>draft-ietf-bess-evpn-mvpn-seamless-interop</td>
<td>Draft will be updated before next IETF (couple of section require improvements)</td>
</tr>
<tr>
<td>draft-ietf-bess-bgp-multicast-controller</td>
<td>Update of the document expected from editors</td>
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<tr>
<td>draft-ietf-bess-bgp-multicast</td>
<td></td>
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<tr>
<td>draft-ietf-bess-evpn-mh-pa</td>
<td>On the agenda</td>
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<tr>
<td>draft-ietf-bess-evpn-bfd</td>
<td>On the agenda</td>
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<tr>
<td>draft-ietf-bess-bgp-sdwan-usage</td>
<td>Status ?</td>
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<tr>
<td>draft-ietf-bess-pbb-evpn-isid-cmacflush</td>
<td>Status ?</td>
</tr>
<tr>
<td>draft-ietf-bess-mvpn-evpn-sr-p2mp</td>
<td>Status ?</td>
</tr>
<tr>
<td>draft-ietf-bess-evpn-fast-df-recovery</td>
<td>Status ? Complicated handshake solution (split ?)</td>
</tr>
<tr>
<td>draft-ietf-bess-evpn-mh-split-horizon</td>
<td>Status ?</td>
</tr>
<tr>
<td>draft-ietf-bess-evpn-geneve</td>
<td>Draft expired after WGLC failure</td>
</tr>
<tr>
<td>draft-ietf-bess-evpn-ipvpn-interworking</td>
<td>Pending some discussion with IDR chairs</td>
</tr>
<tr>
<td>draft-ietf-bess-extended-evpn-optimized-ir</td>
<td>Expired, status ?</td>
</tr>
<tr>
<td>YANG models</td>
<td>Mostly on hold</td>
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