**MVPN Yang Update (Guofeng - Huawei)**
- New tunnel type BIER / RFC6513 to config and oper state
- Seeking Yang-doctors review
- Reshad Rahman - Cisco: many errors: run yang-validator to find & fix
- Stéphane Litkowski – Orange: consider extension to BGP base model
  - We in BESS are responsible to add BGP modules to augment BGP base model AFI/SAFI & extensions to routing tables

**L2VPN/EVPN Yang Update (Luc André Burdet – Cisco)**
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**Multicast Redundancy (Jorge Rabadan - Nokia)**
- same multicast flow from redundant sources: receiver will get duplicates
- Single Flow Group: mcast group representing same flow sourced from different sources/IP, sending same content.
- Warm-Standby, Hot-Standby solution
- HS reqm’t = fastest failover possible.
- Rev-01 changes
  - (Sn,G) where S represents prefix not host.
  - ESI label extcomm used for HS solution, adv in S-PMSI routes
- WG adoption sought
- Greg Mirski – ZTE: what BFD is doing and how it is used;
- LABurdet - Cisco: ESI Label presence used for detection of WS vs HS or is it local config?

**EVPN OAM framework (Donald Eastlake - Futurewei)**
- Update presented rev-03, changes since rev-01:
- PBB-EVPN, EVPN-IRB could possibly be added, but draft ready
- Seeking WG adoptions (questions above can be answered in WG)
- Jorge Rabadan – Nokia: looks much better than previous version, support adopt
  o How are you going to use this draft/BFD? Adv. Discrim per MAC-VRF, or one per MAC—what are use-cases?
  o There are use-cases for S-PMSI per previous draft presentation
  o Last section: TBD should be fixed, assuming Ingr-Replication?
- Reshad Rahman – Cisco: see there is a dedicated MAC.
  o BFD draft has had revisions concerning need for dedicated MAC
- Greg Mirksy:
- Matthew Bocci – Chair: BFD o VXLAN as well as separate draft at IESG for VXLAN encap:
  o This document should document how to bootstrap BFD but not the actual implementation
  o Greg Mirksi: not defining, reflecting: if simple reference will do that’s fine
  o Same for MPLS: should not be different than what we know using GAL
  o MBocci: Discussion with BFD chairs required; Where does definition reside for Encap, each of you can enable BFD over

**BGP Usage for SDWAN Overlay Networks (Linda Dunbar - Futurewei)**

- How to use BGP to manage overlay network, see RFC8388 being used as template
- 3 use-cases & scenarios presented
- In BESS, focus is on usage/requirements & Zero Touch Provisioning (ZTP)
- Client Services, SDWAN Node provision, RR-controlled tenant scope propagation
- Acee Lindem – Cisco: got good mileage out of slides, 4th time
seen them

**EVPN MVPN Seamless Interop (Kesavan Thiruvenkatasamy - Cisco)**
- Update on draft presented at ietf99, new rev-04 addresses major comments:
  - Not true ethernet emulation: MAC and TTL not preserved
  - MVPN-EVPN Gateway model underdescribed
  - RR config needed on EVPN-PEs
- Requirements added: same tunnel between EVPN and MVPN PEs for optimal forwarding
- 3 years old, 2 implementations: seeking WG adoption; ~15 hands for read & support polls, no objections.

**BGP-VPN on SRv6-Plus (Srihari - Juniper)**
- draft-bonica-srv6+
- srv6+ underlay relies on Per-Path service instruction
- P routers are pure IPV6 capable, not PPSI aware
- This draft: how to use BGP to enable SRV6+ connectivity
  - Use IDR WG tunnel-encaps, new tunnel-type requested
  - Encoding examples presented: IPv4 VPN on SRv6+ enabled IPv6 Core
  - ES per EAD (EVPN AFI)
- JRabadan – Nokia: draft title should be a bess draft.
  - Stephane: clearly a BESS responsibility draft
  - NLRI for each Route-Type label = PPSI: you mean lower 24-bits?
  - Label downstream alloc except P2MP: no P2MP here, remove that part
  - WG adopt -> still a lot to go here, first to be adopted in Spring, this.Headers is last step
- Keyur Patel: well-written
  - In CP carrying this attrib: expecting to be stripped at destination
  - Even if NH is rewritten, probably want to strip
- Stephane Litkowski: clearly too early to adopt.
  - Need to agree at IETF level esp at Spring that SRv6+ is accepted. Need to go step by step