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)
-

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 bootstap 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 chaairs 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 ebtween EVPN andMVPN 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 exept 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