L2VPN & EVPN Yang Model
IETF 94
Yokohama, Japan
Movember, 2015

draft-shah-bess-l2vpn-yang-00.txt
draft-brissette-bess-evpn-yang-00.txt
The Crew (subset for EVPN)

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Comcast: Jason Walker, Bin Wen,
Verizon: Nick DelRegno, Luay Jalil, Nabil Bitar
Work Method

• To speed-up the our progress on framework and HL container, meeting are every weeks.
  – The meeting time is scheduled on **Wednesday 10am EST (L2VPN) and Thursday 10am EST (EVPN)**.

• Meeting **every weeks** to discuss the design of the L2VPN Yang models and **every 2 week** regarding EVPN.
  – Vendor-specific part will be left out.

• The progress will be published in the IETF mailing list on time.

• The important issue can be proposed in the **mailing list** for discussion.
Design Work Plan

• Phase 0: Architecture Design

• Phase 1
  - Configuration Data
  - RPC
  - Notification

• Phase 2
  - Operation Data
L2VPN Yang

• IETF 93 (Prague):
  - draft-shah-pals-mpls-l2vpn-yang-00.txt was presented
  - VPWS was covered.
  - Endpoint / virtual port concept was explained

• IETF 94 (Yokohama):
  - Renamed to draft-shah-bess-l2vpn-yang-00.txt
  - This time VPLS is added.

• What’s next?
  - Merge VPWS and VPLS into a single L2 device Yang model for simplification where commonality is extracted.
  - Beef it up with more L2 features
  - Start discussion regarding operational model
EVPN Yang

• IETF 93 (Prague):
  − Nothing.

• IETF 94 (Yokohama):
  − draft-brissette-bess-evpn-yang-00.txt
  − Model covering EVPN and Ethernet Segment modules (without L2 services)

• What’s next?
  − Merge with L2 Yang model (the merge of VPWS and VPLS). Basically, connect the dots!...covering EVPN, PBB-EVPN, EVPN-VPWS and more.
  − Beef it up with more EVPN feature
L2 Yang Architecture Draft

• Coming soon near you!!
  - Some of use are finalizing the L2 Yang Architecture Draft.
  - It is meant to clarify basics describe in L2 Yang models
  - Provide background on the technology
  - Ensure people has a common ground of understanding and terminology
...and L3VPN Yang

• Struggling more due to a lack of time from few crew members.
• Saw some personal draft from view vendors
• The objective is to bring all of them to our team so we can move on quickly.

• Please contact me if you want to share your thoughts or any work which has been done already
... and VxLAN / NVE

- Seeking the interest to start a crew covering VxLAN / NVE.

- Please contact me if you have idea, data, comments, opinions, questions..
YOU!

- Please go through our drafts
- Please provide your important feedback!