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

draft-shah-bess-l2vpn-yang-00.txt
draft-brissette-bess-evpn-yang-00.txt
WG Chair message to Patrice

• Please do not go through Yang model details but rather cover methodology!

• You only have 10 minutes.
  – Well 8 minutes left.
The Crew (subset for EVPN)

Cisco Systems: Kamran Raza, Reshad Rahman, Patrice Brissette
Juniper: Santosh Esale, Kishore Tirusveedhula, Tapraj Singh
Huawei: Robin (Zhenbin) Li
Alcatel/Lucent: Mathew Bocci, Jorge Rabadan
Ericsson: Xufeng Liu, Helen Chen, Autumn Li
Ciena: Himanshu Shah
NEC: Zhenlong Cui
Infinera: Iftekar Hussain
Metaswitch: Jonathan Hardwick, Alan Elder
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.
  - 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!
20 seconds!
onOAM draft
Seeking Feedback on following two OAM drafts which describe the important functionality:

- **LSP-Ping Mechanisms for EVPN and PBB-EVPN**

- **Definition of P2MP PW TLV for LSP-Ping Mechanisms**