

# L2VPN & EVPN Yang Model

## IETF 94

### Yokohama, Japan

### November, 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 Tiruveedhula, 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!**  
**on**  
**OAM draft**

# OAM

## Feedback Requested

Seeking Feedback on following two **OAM drafts** which describe the important functionality:

- LSP-Ping Mechanisms for EVPN and PBB-EVPN
  - <https://www.ietf.org/id/draft-jain-bess-evpn-lsp-ping-02.txt>
- Definition of P2MP PW TLV for LSP-Ping Mechanisms
  - <https://www.ietf.org/id/draft-jain-bess-p2mp-pw-lsp-ping-02.txt>