

Bridge Interoperability

(draft-sajassi-l2vpn-vpls-bridge-interop-01.txt)

Ali Sajassi

L2VPN WG

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Cisco Systems

Co-Authors

Cisco.com

- **Yetik Serbest – SBC Communications**
- **Frank Brockners – Cisco Systems**
- **Dinesh Mohan - Nortel**

Updates from Last Draft

- **First presented at IETF 61st**
- **Had a series of discussions on the mailing list**
- **Almost all the discussions were in regard to get better clarifications and understanding of the issues**
- **Had no negative comments**

Summary of Main Objectives

- **To identify and address current holes with multipoint service offering via VPLS – e.g., Asymmetric ACs handling, VLAN-based, and VLAN bundling**
- **To identify and address the interoperability issues between VPLS and IEEE 802.1Q Bridges**
- **To identify and address the interoperability issues between VPLS and IEEE 802.1ad Bridges**

Recap of Bridge Interoperability Issues

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- 1. CE Bridge Protocol Handling**
- 2. Customer Network Topology Changes**
- 3. PE Redundancy**
- 4. MAC Address Scalability**
- 5. Partial-mesh PWs**
- 6. Multicast Traffic**
- 7. Inter-operability with 802.1ad Provider Bridges**

Next Step

- **What's the consensus on this draft ?**
- **What area needs further clarification ?**

Thank you!

sajassi@cisco.com