Usage and applicability of BGP MPLS based EVPN

draft-rp-l2vpn-evpn-usage-01

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A “simplified” guide for the EVPN deployment

Network startup procedures
- Infrastructure setup
- ES discovery and DF election

Service startup procedures
- Service provisioning
- Flooding tree setup
- Split-Horizon setup
- Fast convergence setup
- Aliasing setup

Comparison of:
VLAN-based, VLAN-bundle and VLAN-aware MAC vs MPLS disposition models

Functional State Procedures
- BUM packet from CE1
- BUM packet from CE2
- Unicast packet from CE3 to CE1
- Unicast packet from CE3 to CE2
- Traffic Flow optimizations
Changes in version 01

- Received feedback and comments addressed in this version
- Alignment with base EVPN draft terminology
- Changed to Informational
- Simplification of packet walkthrough:
  - Detailed explanation for VLAN-based service interfaces
  - Delta for VLAN-bundle and VLAN-aware bundle service interfaces
Next steps

• More feedback required
• WG adoption?