Fault Management for EVPN Networks
draft-gmsm-bess-evpn-bfd-01

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Coverage of the Draft

• Specify BFD asynchronous mode proactive fault detection in RFC7432 based EVPN networks for
  – Unicast traffic
  – BUM traffic using MP2P
  – BUM traffic using P2MP (LSM)
Out of Scope

- EVPN using other encapsulations
- BFD demand mode
- BFD Echo function
- Packet loss or delay measurement
Topics That May be Addressed in Future Version of the Draft

• PBB-EVPN (RFC 7623)
• MP2MP tunnels
• EVPN based Integrated Routing and Bridging
Some Details

• Uses EVPN LSP ping (draft-jain-bess-evpn-lsp-ping) for bootstrapping
• Specifies encapsulations for unicast and BUM traffic over MP2P tunnels.
Next Step

• Call for WG adoption
END

FAULT MANAGEMENT FOR EVPN NETWORKS