

# IETF 102– Montreal July 2018

## **draft-jain-bess-evpn-lsp-ping-07.txt**

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# History

- The draft was published over three years ago
- The procedures for EVPN routes are standard now
- Current version of the draft is very stable

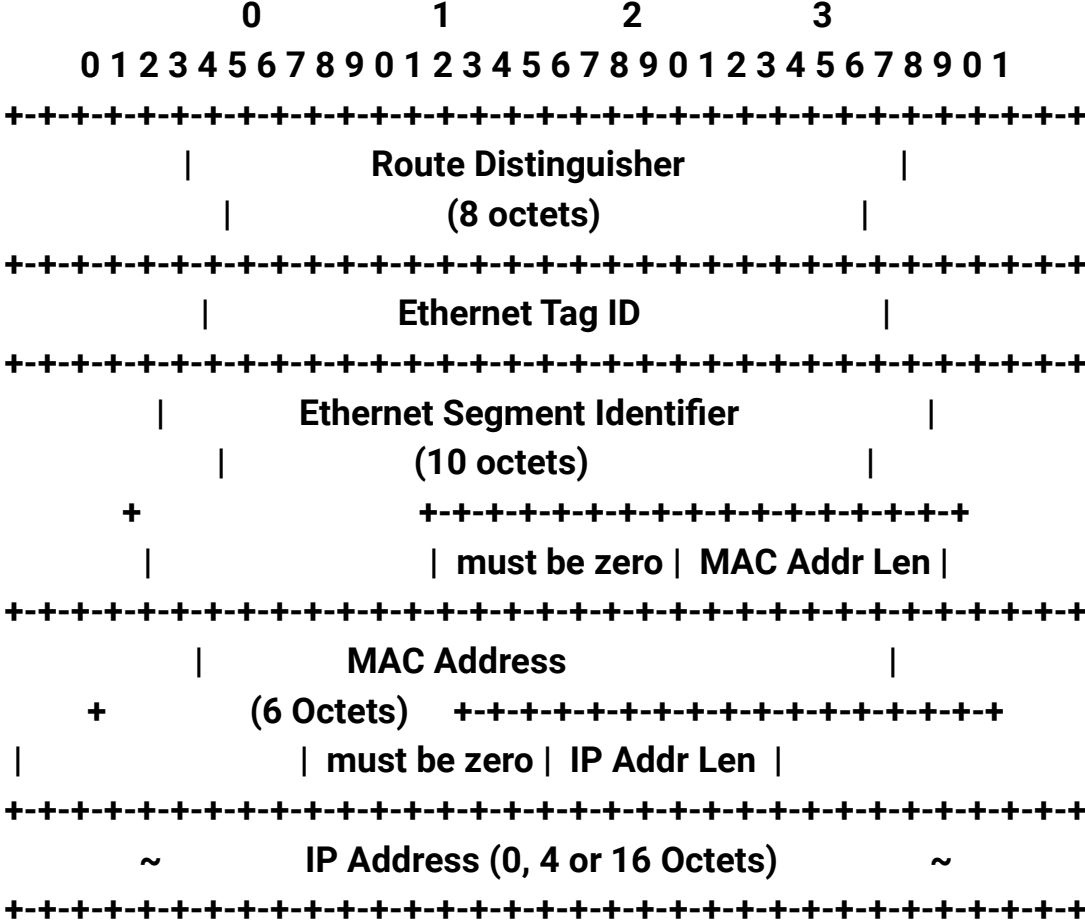
# OAM sub-TLVs Proposed in this draft

- EVPN MAC Sub-TLV
- EVPN Inclusive Multicast Sub-TLV
- EVPN Auto-Discovery Sub-TLV
- EVPN IP Prefix sub-TLV

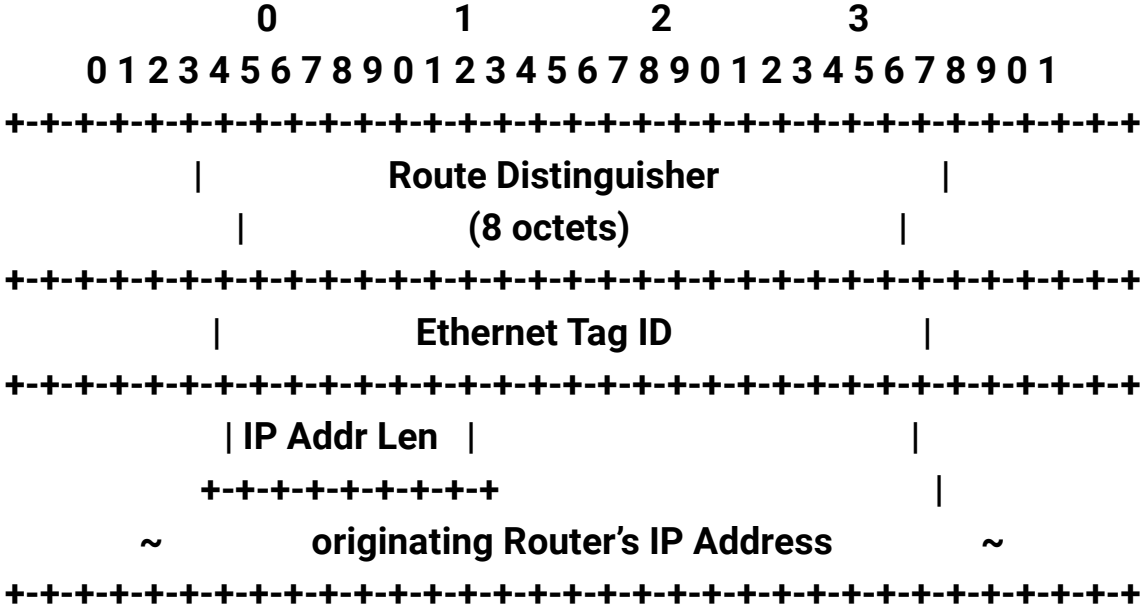
# Changes from Previous Draft

- 8 Bytes EVI field is removed as RD uniquely identifies a evpn context

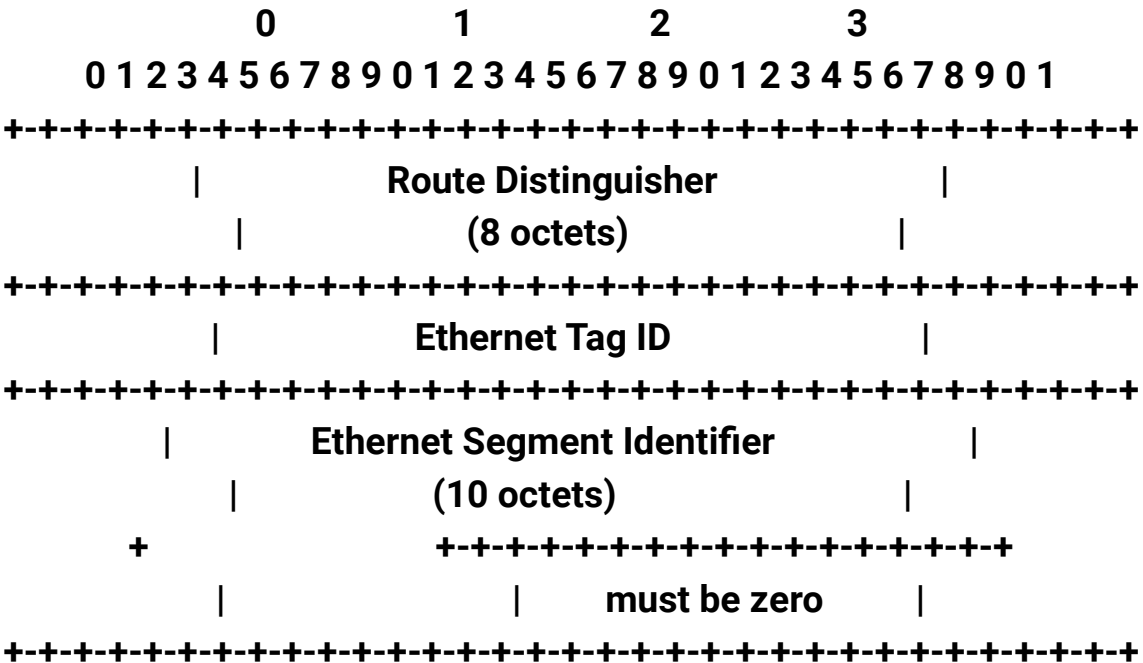
# Proposed EVPN MAC sub-TLV Format



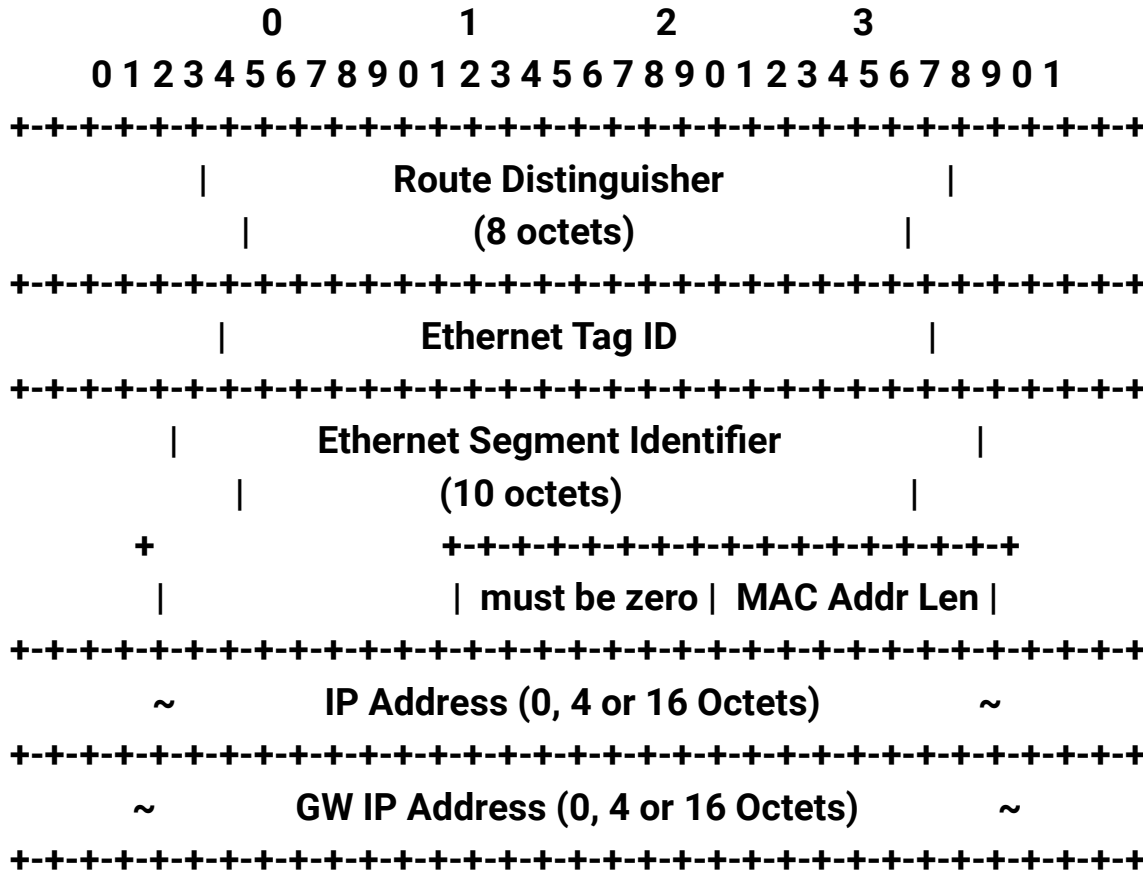
# Proposed EVPN Inclusive Multicast sub-TLV Format



# Proposed EVPN Auto-Discovery sub-TLV Format



# Proposed EVPN IP Prefix sub-TLV Format





# Encapsulation of OAM Ping Packets

- Echo Request Packet encapsulated using Transport and EVPN Label(s) followed by GAL[RFC6426].
- The GAL label is followed by IPv4 or IPv6 Associated Channel Header (ACH) [RFC4385]

# Next Steps

- Looking for WG adoption