




# BIER-Ethernet

[draft-wang-bier-lite-ospf-extension](#)

Linda Wang (Presenting)  
Sandy. Zhang





# Background

- **BIER-Ethernet: implements BIER forwarding in Ethernet network.**



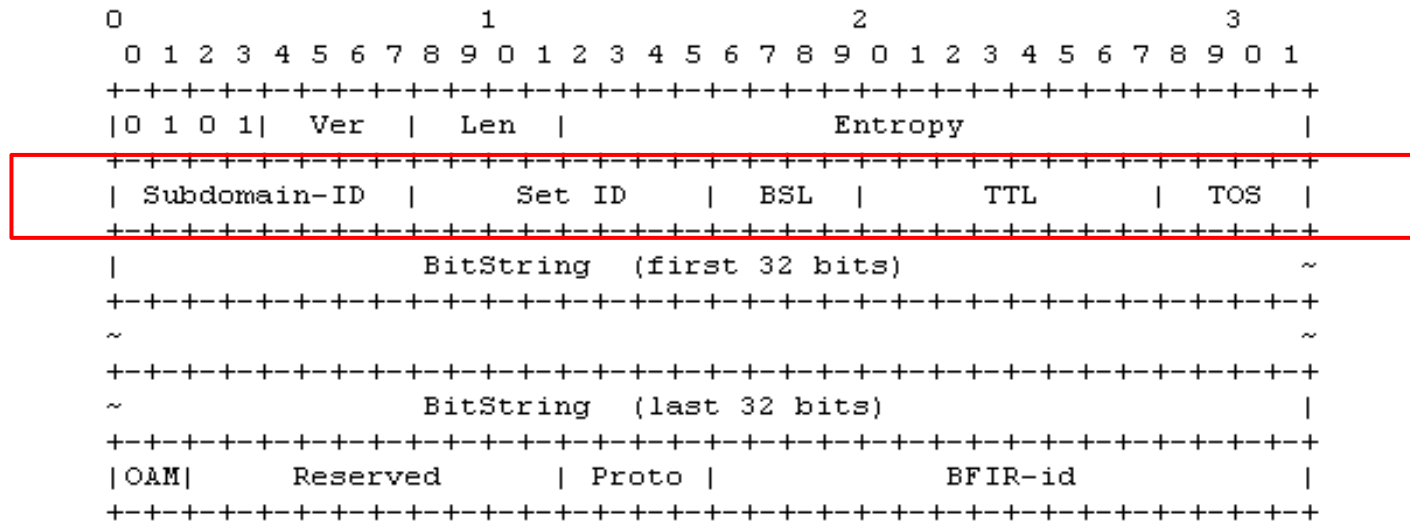
# The Problem in BIER-Ethernet

- **Control Plane: How to advertise BIER-Ethernet information ?**
  - **Data Plane: How to forward in BIER-Ethernet network ?**
- 



# DATA Plane Solution

- Because there requires directions to identify the BIFT table, there should allocate the BSL, sub-domain and SI fields in the updated BIER header, as well as TTL and TOS field. As follow:



- Additionally, mostly, this updated BIER header is immediately after Ethernet header, so there may need a new Ether Type to encode this kind of updated BIER header.

# Next Steps

- Updating the draft-00 and using the name BIER-Ethernet;
- Call for adoption? 😊
- Any comments 😊