

Generic Transport Functions

- Some IP functions can be considered as generic - independent of IP
 - E.g. **Fragmentation** and Encapsulating Security Payload (**ESP**)
- This draft proposes to provide those generic functions outside of IP
 - E.g. for MPLS, BIER, or even Ethernet (if IEEE so desires)
- Generic Fragmentation Example
 - EVPN is a very applicable use case
 - Outer header must identify that next header is Generic Fragmentation Header
 - MPLS label, “Next Header” field, or EtherType
 - **Red** color indicates difference from IPv6 Fragmentation Header
 - If **S-bit** is set, context of Identification is embedded in the field itself; otherwise provided by outer header

