SPB Extensions for Solving Issues Raised in IETF

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Ethernet Related Discussions Going on in the IETF

- PBB/VPLS
  - PBB scaling a VPLS network, configure only the edge not the core
- EVPN
- ARMD
  - Researching alternative solutions for potential issues in large environments
- NVO3
  - Ethernet over L3/L4 over Ethernet
  - Broadcast, Unknown, Multicast emulated in the overlay

SPB Extension Discussions

- SPB-TE/TS
  - Controlled non-shortest paths for different traffic types
- Service Level Abstraction
  - Client and service layer separation with B-MAC
- Dual attachment

Liaison with IETF

- Both groups looking to extend protocols
  - Simplify networks
  - Similar topologies
  - Applicability of proposals in the targeted use cases
- SDO's should work closely
- Prevent possible interoperability issues