

# Definitions of Managed Objects for the LDP Point-to-Multipoint and Multipoint-to-Multipoint Label Switched Paths

draft-tiruvedhula-mpls-mldp-mib-02

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# mLDP MIB

- Extensions to LDP MIB (RFC 3815)
- Need MIB support for
  - p2mp and mp2mp LDP LSPs (RFC 6388).
  - mLDP inband signaling (RFC 6826).
  - mLDP MoFRR (draft-ietf-rtgwg-mofrr-03).
  - mLDP Node protection (draft-ietf-mpls-mldp-node-protection-00.txt).
  - mLDP traffic statistics.

# Scalar Objects

- mplsMldpP2mpCapable
- mplsMldpMp2mpCapable
- mplsMldpMbbCapable
- mplsMldpMbbTime
- mplsMldpNumFecs
- mplsMldpNumFecsActive
- mplsMldpPlrCapable
- mplsMldpMptCapable
- mplsMldpProtLsrCapable
- mplsMldpNodeProtCapable

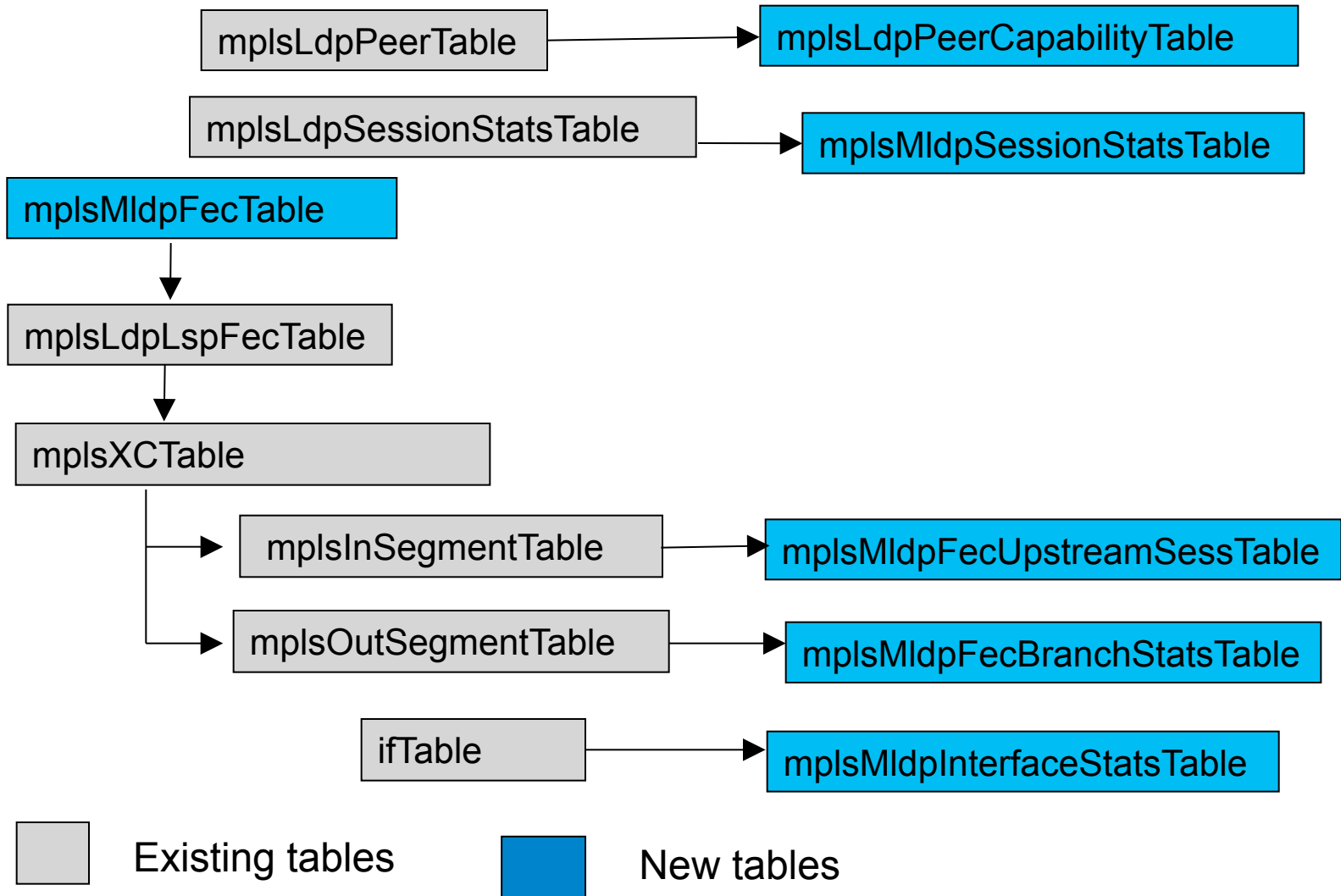
# mLDP Tables

- LDP Peer Capability Table:  
mplsLdpPeerCapabilityTable
- mLDP Session Stats Table:  
mplsMldpSessionStatsTable
- mLDP Fec Table: mplsMldpFecTable
- mLDP Fec Branch Traffic statistics Table:  
mplsMldpFecBranchStatsTable
- mLDP Fec Upstream Session Table:  
mplsMldpFecUpstreamSessTable
- mLDP Interface Traffic statistics Table:  
mplsMldpInterfaceStatsTable

# Notifications

- mplsMldpFecUp
- mplsMldpFecDown

# Relationship to LDP/LSR MIB



# Next Steps

- Solicit feedback
  - Vendors
  - Operators
- Any missing mLDP features?