

# MPLS YANG Data Modeling Activities Update

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# Agenda

- Update on activities for YANG modelling in MPLS WG
- Update on dependencies in other WGs
- Discussion/next steps

# MPLS WG documents

- MPLS Base
  - WG document <**draft-ietf-mpls-base-yang-05**>
- MPLS Static LSPs
  - WG document <**draft-ietf-mpls-static-yang-04**>
- MPLS LDP LSPs
  - WG document <**draft-ietf-mpls-ldp-yang-02**>
- MPLS M-LDP LSPs
  - WG document <**draft-ietf-mpls-mldp-yang-02**>

# MPLS Base and Static YANG Models

- Working in progress
  - Updating to be NMDA compliant
  - Being aligned with draft-ietf-rtgwg-routing-types, such as label stack
  - Being aligned with draft-ietf-netmod-rfc8022bis
  - Being aligned with draft-ietf-netmod-rfc7223bis
  - Getting reviewed by YANG doctors

# MPLS LDP and mLDP YANG Models

- Status will be reported separately by LDP modeling team

# MPLS WG document status

- MPLS Base
  - WG document <**draft-ietf-mpls-base-yang-05**>
  - Working in
- MPLS Static LSPs
  - WG document <**draft-ietf-mpls-static-yang-04**>
- MPLS LDP LSPs
  - WG document <**draft-ietf-mpls-ldp-yang-02**>
- MPLS M-LDP LSPs
  - WG document <**draft-ietf-mpls-mldp-yang-02**>

## Other WG documents with MPLS dependency

- MPLS RSVP-TE
  - WG document <**draft-ietf-teas-yang-rsvp-te-02**>
- MPLS BFD
  - Augmentation for MPLS LSPs WG document: <**draft-ietf-bfd-yang**>
- SPRING MPLS dataplane:
  - WG document: <**draft-ietf-spring-sr-yang**>

# Update (Individual drafts)

- MPLS TP OAM
  - draft <**draft-zhang-mpls-tp-yang-oam-05**>
- MPLS LSP Ping
  - draft <**draft-zheng-mpls-lsp-ping-yang-cfg-06**>



# Gap Analysis

- Any gaps for MPLS related YANG modeling?