



IETF 100 - Singapore
November 2017

Update:

LDP/mLDP YANG Model Activities



IETF 100 – Singapore
November 2017

YANG Data Model for LDP

(draft-ietf-mpls-ldp-yang)

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(... and several other contributors as acknowledged in the draft)

Pending Items – Post IETF99

- YANG doctors' review comments
- Alignment with NMDA compliance
- Default values for configuration parameters
- Other cleanup

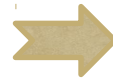
Activities Since IETF99

- Addressed most of the comments from YANG doctors' review
- Updated the model to become NMDA compliant
- Discussed and defined some default values
- Changes in [tree] hierarchy
- Other changes:
 - LDP interface: Use IP interface instead of MPLS interface

>> Revision -03 posted on Monday

Tree Hierarchy Changes

```
+++rw mpls-ldp!  
  +++rw global  
    |  +-rw ..  
    |  |  
  . . .  
    |  |  
    |  +-rw discovery  
    |  
  . . .  
    |  
  +++rw peers  
    +++rw config  
      +-rw authentication . . .  
  +++ro state  
    +-ro authentication  
    +-ro session-ka-holdtime  
    +-ro session-ka-interval
```



```
+++rw mpls-ldp!  
  +++rw global  
    |  +-rw ..  
    |  |  
  . . .  
    |  
  +++rw discovery  
    |  
  . . .  
    |  
  +++rw peers  
    +-rw authentication . . .  
    +-ro session-ka-holdtime  
    +-ro session-ka-interval
```

Next Steps

- Post new revisions to address the remaining open items:
 - Remaining default values
 - Any further comments

- WG Last-Call after posting the next revision:
 - Before IETF101



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YANG Data Model for mLDLP

(draft-ietf-mpls-mldp-yang)

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Pending Items – Post IETF99

- Alignment with NMDA compliance
- Default values for configuration parameters
- Other cleanup

Activities Since IETF99

- Updated the model to be NMDA compliant
 - Changes similar to LDP model

>> Revision -03 posted on Monday

Next Steps

- Request YANG doctors' review of the document
- Post new revision to address the remaining open items:
 - Default values
 - Any comments from YANG Doctors' review