



IETF 101 - London  
March 2018

# YANG Data Model for LDP

(draft-ietf-mpls-ldp-yang-04)

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# Rev -04 Update

- Addresses YANG Doctor (Jan Lindblad) comments
- Specification of default values
- New configuration:
  - Transport connection preference in case of dual-stack LDP
  - “use-global-transport-address” option for transport-address
- If-features:
  - Keychain
  - Peer admin-down
- A new section depicting Consolidated tree

>> Revision -04 posted with no “open items”

# YANG Doctor comments

- IETF, OpenConfig and NMDA
  - Aligned with NMDA
- Lack of default/mandatory
  - Updated the leaves
- Better description
- Odd naming convention for keys
- Password handling :
  - Keychain in extended model – if-feature

# Default values

| Item                                     | Default                      |
|--|------------------------------|
| [interface] hello-holdtime               | 15                           |
| [interface] hello-interval               | 5                            |
| targeted hello-holdtime                  | 45                           |
| targeted hello-interval                  | 15                           |
| targeted hello-accept enable             | false                        |
| session-ka-holdtime                      | 180                          |
| session-ka-interval                      | 60                           |
| [interface] address-families ipv4 enable | true                         |
| [interface] igp-synchronization-delay    | 0                            |
| interface transport-address [ipv4 ipv6]  | use-global-transport-address |
| dual-stack-transport-preference max-wait | 30                           |

# Default values (2)

| Item   | Default |
|--|---------|
| label-policy advertise egress-explicit-null enable | false   |
| capabilities <eolib twc uslb > enable              | false   |
| GR enable  | false   |
| GR reconnect-time                                  | 120     |
| GR recovery-time                                   | 120     |
| GR helper-enable                                   | false   |
| session-downstream-on-demand enable                | false   |
| peer admin-down                                    | false   |

# Next Steps

- Requesting WG Last-Call



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# YANG Data Model for mLDLP

## (draft-ietf-mpls-mldp-yang)

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# Status

- No update since last IETF
- Pending Items:
  - Default values for configuration parameters
  - Other cleanup
  - YANG Doctors review



# Next Steps

- Address YANG Doctor's review comments
- Address any remaining open items