

A YANG MODEL FOR MPLS MSD

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MPLS MSD YANG

draft-ietf-mpls-msd-yang:

- MPLS Maximum SID Depths (MSDs) were defined in RFC 8476 and RFC 8491.
- Part of MSD YANG was defined in MPLS Segment Routing YANG, RFC 9020, and it was decided during IESG LC that MSD is more a characteristic of MPLS rather than SR specific.
- MPLS MSD YANG is an augmentation to the IETF MPLS base model defined in RFC 8960.



Adopted!

Changes Done During WG Adoption

Great thanks to Tom Petch for his reviews and comments

- Editorial changes
- Added references
- Updated security considerations

Tree Diagram of ietf-mpls-msd Module

```
module: ietf-mpls-msd
```

```
  augment /rt:routing/mpls:mpls:
```

```
    +--ro node-msd
```

```
      +--ro node-msds* []
```

```
        +--ro msd-type?  identityref
```

```
        +--ro msd-value? uint8
```

```
  augment /rt:routing/mpls:mpls/mpls:interfaces/mpls:interface:
```

```
    +--ro link-msd
```

```
      +--ro link-msds* []
```

```
        +--ro msd-type?  identityref
```

```
        +--ro msd-value? uint8
```

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Next Steps:

- Reviews and comments are welcome
- Request YANG doctor and routing directorate LC review
- Hope to WGLC soon

THANK YOU