

A YANG Model for MPLS MSD

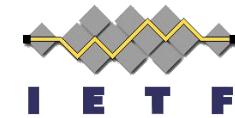
IETF 112, Virtual

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MPLS MSD YANG

- MPLS Maximum SID Depths (MSDs) were defined in RFC 8476 and RFC 8491.
- MPLS MSD YANG is an augmentation to the IETF MPLS base model defined in RFC 8960.
- A split-off from RFC 9020



Tree Diagram - updated

```
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
```

NEW

```
module: ietf-mpls-msd
augment /rt:routing/mpls:mpls:
    +-ro msd
        +-ro node-msds* [msd-type]
            | +-ro msd-type identityref
            | +-ro msd-value? uint8
        +-ro link-msds* [interface]
            +-ro interface if:interface-ref
            +-ro link-msd* [msd-type]
                +-ro msd-type identityref
                +-ro msd-value? uint8
```

OLD



Other changes

- Removed grouping “max-sid-depth”
- Updated “Security Considerations”
- Editorial changes

Thanks to Tom Petch for his review and comments.



Next Steps

- Collect and address comments
- Request WG adoption

Thanks!