

# LSP Ping YANG data model

draft-zheng-mpls-lsp-ping-yang-cfg

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# Status update

- Detailed review and comments by Faisal Iqbal. Discussed and most of them already addressed :

- Operator should be allowed to specify RSVP interface by tunnel name as well. For some operators, name may be more meaningful than tunnel number.

```
case rsvp {
  leaf tunnel-interface {
    type union {
      type uint32;
      type string;
    }
    description "Tunnel interface";
  }
}
```

- Numerous nits

# Other updates

- Confirmed that the model conforms to NMDA
- Updated Security Considerations section according to [YANG Security Guidelines](#)
- Updated Examples from IPv4 to IPv6 addresses

# Discussion continues

- A field to provide a destination address in 127/8 range
  - Entropy may be controlled through UDP source port number
- An option to specify a range of destination addresses to test e.g. give destination start address 127.0.0.1 and end address 127.0.0.8, system will initiate 8 echo requests correspondingly.
  - Split in two parts:
    - MAY use UDP Source port number
    - Part of base data model or nice operational extension
- Traceroute mode:
  - Separate model
  - Consecutive RPCs with monotonically increasing TTL
- Should the model list all registered FECs

# Next steps

- Your comments, suggestions, questions always welcome and greatly appreciated
- WG adoption