

# BFD YANG

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## *Agenda*

- Requirements
- Q&A

... No YANG model as yet 😞

- **Common model**
  - Extensible, Flexible etc.
- **Support for**
  - IP
  - LSP
  - LAG
  - TRILL
  - Single and Multiple Hop
- **RFC**
  - 5880, 5881, 5883, 6428, 7130

- **Configuration**
  - **Key parameters**
    - role, admin-state, min-rx-interval etc.
  - **Session Type**
  - **Hardware or Software session**
  - **Authentication and Keys**

- **Configuration Interface**
  - Bootstrap through LSP Ping
  - Direct Configuration
  - Indirect Configuration
    - IS-IS, OSPF, BGP
    - MPLS Tunnel

- **Operational**
  - List all sessions
  - Search for session(s)
  - Statistics
- **Notification**
  - Session State

- **Issues**
  - **Key for the list of BFD sessions**
    - Local discriminator
    - Name
    - IP address
    - MAC address pair
  - **Ability to reference from other models**

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Q&A