

## ethernet oam lfm remote-failure

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**Syntax** [ no ] ethernet oam lfm remote-failure { critical-event | dying-gasp | link-fault } action { disable-interface | failover }

**Release Information** Command introduced in JUNOS Release 11.1.0.

**Description** Configures the Ethernet OAM link-fault management functionality to detect failure conditions that occurred in the receive path of the link, and to influence the state of the link based on an Event Notification PDU received from the remote peer. Also, specifies the action to be taken by the system when the configured link-fault event occurs, such as disabling the interface or causing a failover to another member link of a LAG bundle. The **no** version disables detection of remote faults and causes no action to be taken when a link-fault event occurs.

- Options**
- remote-failure—Enables detection of faults that occur in the receive path of an OAM link
  - critical-event—Enables detection of unspecified critical event conditions that occurred in the receive path of the link and influences the state of the link based on an Event Notification PDU received from the remote peer. This type of condition is vendor-specific
  - dying-gasp—Enables detection of unrecoverable error conditions that occurred in the receive path of the link and influences the state of the link based on an Event Notification PDU received from the remote peer. This type of condition is vendor-specific
  - link-fault—Enables detection of loss-of-signal conditions that occurred in the receive path of the link and influences the state of the link based on an Event Notification PDU received from the remote peer
  - action—Sets the action to be performed on an interface when an OAM PDU is received from the remote peer by the local OAM entity to signal a fault condition in the receive path of the link
  - disable-interface—Sets the OAM functionality to unconditionally attempt to influence the operational state of the interface to down
  - failover—Causes a failover to another member interface in the LAG bundle when the high threshold for an error is exceeded that trigger the sending of link event TLVs. On GE-2 and GE-HDE line modules that are paired with GE-2 SFP I/O modules with physical link redundancy, causes the link to transition from active to redundant

**Mode** Interface Configuration

- Related Topics**
- OAM Remote Fault Detection Feature
  - Configuring 802.3ah OAM Link-Fault Management

- Example: Configuring 802.3ah OAM Link-Fault Management and Enabling Remote Failure Monitoring on an Interface

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