



## New and Changed Feature Information

This table summarizes the new and changed feature information for the *Interfaces Configuration Guide for Cisco 8000 Series Routers* for Cisco 8000 Series Routers, and tells you where they are documented.

- [Interface and Hardware Component Features Added or Modified in IOS XR Release 24.x.x](#), on page 1

## Interface and Hardware Component Features Added or Modified in IOS XR Release 24.x.x

This table summarizes the new and changed feature information for the *Interfaces Configuration Guide for Cisco 8000 Series Routers* for Cisco 8000 Series Routers, and tells you where they are documented.

**Table 1: New and Changed Features**

Feature	Description	Introduced in Release	Where Documented
Display of traffic rates for bundle interfaces	This feature was introduced.	Release 24.4.1	<a href="#">Display of traffic rates for bundle interfaces</a>
Periodic syslog messages for shutdowns due to fault-recovery failures	This feature was introduced.	Release 24.4.1	<a href="#">Periodic syslog messages for shutdowns due to fault-recovery failures</a>
Machine Check Error Notifications	This feature is introduced.	Release 24.4.1	<a href="#">Machine check error notifications</a>
Increase in number of CFM sessions	This feature was introduced.	Release 24.4.1	<a href="#">Ethernet CFM</a>
L2 interface VLAN encapsulation using VLAN range and list	This feature was introduced.	Release 24.4.1	<a href="#">Layer 2 interface VLAN encapsulation using VLAN ranges and lists</a>
Always-On SPAN-to-File with periodic write	This feature was introduced.	Release 24.4.1	<a href="#">SPAN to file</a>
Multiple SPAN ACL sessions for MPLS	This feature was introduced.	Release 24.4.1	<a href="#">Multiple SPAN ACL sessions for MPLS</a>

Feature	Description	Introduced in Release	Where Documented
Unidirectional Link Detection Protocol support on physical Ethernet interfaces	This feature was introduced.	Release 24.4.1	<a href="#">Unidirectional Link Detection Protocol support on physical Ethernet interfaces</a>
Remote Link State Propagation	This feature was introduced.	Release 24.3.1	<a href="#">Remote link state propagation</a>
Media Link-down Prefec Degrade Enablement	This feature was introduced.	Release 24.3.1	<a href="#">Media Link-down Prefec Degrade Enablement</a>
Untagged L2 Subinterface	This feature was introduced.	Release 24.2.11	<a href="#">Untagged L2 subinterface</a>
Default Carrier Delay on Physical Interfaces	This feature was introduced.	Release 24.2.11	<a href="#">Setting the Carrier Delay on Physical Interfaces</a>
Mirroring Buffer Drop Packets	This feature was introduced.	Release 24.2.11	<a href="#">Mirroring Buffer Drop Packets</a>
Monitoring Layer 3 Connectivity Using Down MEP on L3 Interfaces	This feature was introduced.	Release 24.2.11	<a href="#">Ethernet CFM</a>
User-Defined Fields for ECMP Hashing	This feature was introduced.	Release 24.2.11	<a href="#">User-Defined Fields for ECMP Hashing</a>
Fault Recovery Handling	This feature is introduced.	Release 24.2.11	<a href="#">Fault recovery handling</a>
Fabric Link Management for Uncorrectable Errors	This feature is introduced.	Release 24.2.11	<a href="#">Fabric Link Management for Uncorrectable Errors</a>
Power Redundancy Protection	This feature is introduced.	Release 24.1.1	<a href="#">Power Redundancy Protection</a>
QDD Optical Line System	This feature was introduced.	Release 24.1.1	<a href="#">Configuring QDD Optical Line System</a>
Configurable FDD and FED Alarm Threshold Values	This feature was introduced.	Release 24.1.1	<a href="#">Configuring FEC Alarm Threshold</a>
View Additional Alarms for Coherent Optical Transceiver	This feature was introduced.	Release 24.1.1	<a href="#">Display of Alarms for Coherent Optical Transceivers</a>
View Coherent Optical Transceiver Module Parameters	This feature was introduced.	Release 24.1.1	<a href="#">View Coherent Optical Transceiver Module Parameters</a>
Generic UDP Decapsulation for IPv6 Traffic	This feature was introduced.	Release 24.1.1	<a href="#">Configure GUE</a>

Feature	Description	Introduced in Release	Where Documented
Extended Support for DP04QSDD-HE0 Optical Module	This feature was introduced.	Release 24.1.1	<a href="#">Configuring 400G Digital Coherent Optics</a>
Enhanced Alarm Prioritization, Monitoring, and Management	This feature was introduced.	Release 24.1.1	<a href="#">Alarms Troubleshooting</a>

