



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

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

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

