



New and Changed Information

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Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
QDD-4X100G-FR-S and QDD-4X100G-LR-S optics support	Added support for QDD-4X100G-FR-S and QDD-4X100G-LR-S optics on Nexus 98900CD-A line card.	10.4(3)F	Guidelines and Limitations for 400G Digital Coherent Optics
DP04QSDD-HE0	Added support for DP04QSDD-HE0 in 1x400 and 4x100 mux ponder modes on GX/GX2 platform and X98900CD-A and X9836DM-A line cards.	10.4(3)F	Guidelines and Limitations for 400G Digital Coherent Optics
QDD-2X100-LR4-S	Added support for QDD-2X100-LR4-S optics on Nexus9300-GX/GX2 Platform Switches.	10.4(3)F	Guidelines and Limitations for 400G Digital Coherent Optics
QDD-4X100G-LR-S, and QDD-400G-LR4-S optics support	Added support for QDD-4x100G-LR-S and QDD-400G-LR4-S" on X9716D-GX linecard	10.4(3)F	Guidelines and Limitations for 400G Digital Coherent Optics

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Feature	Description	Changed in Release	Where Documented
QDD-400G-ZR-S and QDD-400G-ZRP-S optics support	Added support for QDD-400G-ZR-S and QDD-400G-ZRP-S optics on the C93400LD-H1 and C9332D-H2R switches.	10.4(3)F	Guidelines and Limitations for 400G Digital Coherent Optics
4x 10G, 4x 25G, and 4X100G breakout options 2x200GE breakout with 400EG ports of X98900CD-A and all ports for X9836DM-A	Added support for 4x10G, 4x25G, 4x100G breakout options and 10G with QSA on the Cisco Nexus X98900CD-A switch. 4x25G Breakout will be supported only on ports- 28,145,180,217,235,334,245,28 Added support for 2x200GE breakout with 400EG ports (3,6,9,12,15,18,21,27,30,33,36,39,42,45) of X98900CD-A and all ports for X9836DM-A	10.4(3)F	Guidelines and Limitations for Layer 2 Interfaces
Layer 3 Port Channel BFD Support on 9800	Added support for BFD on Layer 3 port channel on Cisco Nexus 9800 switches	10.4(3)F	Guidelines and Limitations
L3 PC , L3-PCsufif BFD - Mando8 and Mando4	Added support for single hop BFD on Cisco Nexus 9808 and 9804 L3 port-channel interfaces and port-channel sub-interfaces.	10.4(3)F	Guidelines and Limitations
Native Speeds AN (100G/40G)	Added Auto negotiation support for 100G/40G ports on last four ports of Cisco Nexus N9K-C9364C-H1 platform switches.	10.4(3)F	Guidelines and Limitations
L2 forwarding	Added support for L2 forwarding on Cisco Nexus N9K-C9364C-H1 platform switches.	10.4(3)F	Guidelines and Limitations for Layer 2 Interfaces
L2 infra	Added support for L2 infra on Cisco Nexus N9K-C9364C-H1 platform switches.	10.4(3)F	Guidelines and Limitations for Layer 2 Interfaces

Feature	Description	Changed in Release	Where Documented
L3 forwarding	Added support for L3 forwarding on Cisco Nexus N9K-C9364C-H1 platform switches.	10.4(3)F	Guidelines and Limitations for Layer 3 Interfaces
QDD-400G-ZR and QDD-400G-ZRP-S optics support	Added support for QDD-400G-ZR and QDD-400G-ZRP-S optics on the following switches and line cards: <ul style="list-style-type: none"> • Cisco Nexus 93600CD-GX, 9316D-GX switches and Cisco Nexus 9508/9504 switches with X9716D-GX line cards. • Cisco Nexus 9804/9808 switches with Cisco Nexus X98900CD-A and X9836DM-A line cards. 	10.4(2)F	Guidelines and Limitations for 400G Digital Coherent Optics Traffic Configuration Parameters
10 GB with QSA and 25G with QSA28	Added support for QSA28 for Cisco Nexus C93108TC-FX3 Switch	10.4(2)F	Guidelines and Limitations
L2 forwarding	Added support for L2 forwarding on Cisco Nexus 93400LD-H1 platform switches.	10.4(2)F	Guidelines and Limitations for Layer 2 Interfaces
L2 infra	Added support for L2 infra on Cisco Nexus 93400LD-H1 platform switches.	10.4(2)F	Guidelines and Limitations for Layer 2 Interfaces
L3 forwarding	Added support for L3 forwarding on Cisco Nexus 93400LD-H1 platform switches.	10.4(2)F	Guidelines and Limitations for Layer 3 Interfaces
SFP-25G-ER-I	Added support for SFP-25G-ER-I on the Cisco Nexus C93180YC-FX3 switch.	10.4(2)F	Guidelines and Limitations for Layer 2 Interfaces

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Feature	Description	Changed in Release	Where Documented
Native Speeds AN (100G/40G)	Added Auto negotiation support for 100G/40G ports on last four ports of Cisco Nexus 93400LD-H1 platform switches.	10.4(2)F	Guidelines and Limitations
25G via CVR-QSFP-SFP25G	Added support for SFP28 for Cisco Nexus FX3 series switches	10.4(1)F	Guidelines and Limitations
Interface counter support	Added support and limitation for Cisco Nexus C9348GC-FX3PH	10.4(1)F	Guidelines and Limitations
Management Interface	Added configuration steps and example for Management Interface	10.4(1)F	Configuring the Description
Port-channel load-balance command for MPLS tagged traffic	Added configuring for Port-channel load-balance command for MPLS tagged traffic	10.4(1)F	Configuring Load Balancing using Port Channels for MPLS Tagged Traffic
4x 25, and 4x 10G breakout options on the Nexus 9800 36-port QSFP-DD 400G line card	Added breakout (4x10G and 4x25G) ports support for N9K-X9836DM-A line card of Cisco Nexus 9808/9804 platform switches.	10.4(1)F	Support for Breakout Interfaces Guidelines and Limitations
Native Speeds AN (100G/40G)	Added Auto negotiation support for 100G/40G ports on the Cisco Nexus 9332D-H2R platform switches.	10.4(1)F	Guidelines and Limitations
L2 forwarding	Added support for L2 forwarding on Cisco Nexus 9332D-H2R platform switches.	10.4(1)F	Guidelines and Limitations for Layer 2 Interfaces
L2 infra	Added support for L2 infra on Cisco Nexus 9332D-H2R platform switches.	10.4(1)F	Guidelines and Limitations for Layer 2 Interfaces
L3 forwarding	Added support for L3 forwarding on Cisco Nexus 9332D-H2R platform switches.	10.4(1)F	Guidelines and Limitations for Layer 3 Interfaces

Feature	Description	Changed in Release	Where Documented
L3 Physical and subinterface Stats	Added statistics support for L3 Physical and Subinterface on Cisco Nexus 9804 platform switches.	10.4(1)F	Guidelines and Limitations for Layer 3 Interfaces
Hashing based	Added support for L3, Loopback, and Subinterfaces on Cisco Nexus 9804 platform switches.	10.4(1)F	Guidelines and Limitations for Layer 3 Interfaces
Hashing based on source/destination IP and L4 port number	Added hashing support of src/dst ip and src/dst L4 port number on Cisco Nexus 9804 platform switches, Cisco Nexus X98900CD-A, and Cisco Nexus KX9836DM-A line cards with Cisco Nexus 9808 and 9804 switches.	10.4(1)F	Guidelines and Limitations
Single Hop BFD	Added support for single-hop BFD on routed port, routed-sub interface, and breakout port of Cisco Nexus 9804 platform switches.	10.4(1)F	Guidelines and Limitations
UDLD	Added support for UDLD on Cisco Nexus 9804 platform switches, Cisco Nexus X98900CD-A, and Cisco Nexus X9836DM-A line cards with Cisco Nexus 9808 and 9804 switches.. Added support for UDLD on X98900CD-A and N9KX9836DM-A line cards with Cisco Nexus 9808 and 9804 switches.	10.4(1)F	Guidelines and Limitations
Single Hop BFD	Added support for single-hop BFD on N9KX98900CD-A and N9KX9836DM-A line cards with Cisco Nexus 9808 and 9804 switches.	10.4(1)F	Guidelines and Limitations

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Feature	Description	Changed in Release	Where Documented
L3 Physical and subinterface Stats	Added statistics support for L3 Physical and Subinterface on N9KX98900CD-A and N9KX9836DM-A line cards with Cisco Nexus 9808 and 9804 switches.	10.4(1)F	Guidelines and Limitations for Layer 3 Interfaces
10G Optics support using CVR-QSFP-SFP10G adapter	Added 10G Optics support using CVR-QSFP-SFP10G adapter for Cisco Nexus 9804 platform switches, and Cisco Nexus X98900CD-A and X9836DM-A line cards.	10.3(1)F	Guidelines and Limitations
Tunnel enhancements	Added support for IPv4 tunnel on GRE	10.4(1)F	Point-to-Point IP-in-IP Tunnel Encapsulation and Decapsulation
LACP enhancements	Added support for LACP layer 3 port channel for Nexus 9800 series switches	10.4(1)F	Guidelines and Limitations
Configuring 400G Digital Coherent Optics	Added support for 400G Digital Coherent Optics on Cisco Nexus 9300-GX2 and 9408 platform switches.	10.4(1)F	Guidelines and Limitations for 400G Digital Coherent Optics