



## 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	<a href="#">Guidelines and Limitations for 400G Digital Coherent Optics</a>
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	<a href="#">Guidelines and Limitations for 400G Digital Coherent Optics</a>
QDD-2X100-LR4-S	Added support for QDD-2X100-LR4-S optics on Nexus9300-GX/GX2 Platform Switches.	10.4(3)F	<a href="#">Guidelines and Limitations for 400G Digital Coherent Optics</a>
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	<a href="#">Guidelines and Limitations for 400G Digital Coherent Optics</a>

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	<a href="#">Guidelines and Limitations for 400G Digital Coherent Optics</a>
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- <del>301,41,80,25,21,35,34,25,8</del>  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	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>
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	<a href="#">Guidelines and Limitations</a>
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	<a href="#">Guidelines and Limitations</a>
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	<a href="#">Guidelines and Limitations</a>
L2 forwarding	Added support for L2 forwarding on Cisco Nexus N9K-C9364C-H1 platform switches.	10.4(3)F	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>
L2 infra	Added support for L2 infra on Cisco Nexus N9K-C9364C-H1 platform switches.	10.4(3)F	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>

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	<a href="#">Guidelines and Limitations for Layer 3 Interfaces</a>
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"> <li>• Cisco Nexus 93600CD-GX, 9316D-GX switches and Cisco Nexus 9508/9504 switches with X9716D-GX line cards.</li> <li>• Cisco Nexus 9804/9808 switches with Cisco Nexus X98900CD-A and X9836DM-A line cards.</li> </ul>	10.4(2)F	<a href="#">Guidelines and Limitations for 400G Digital Coherent Optics Traffic Configuration Parameters</a>
10 GB with QSA and 25G with QSA28	Added support for QSA28 for Cisco Nexus C93108TC-FX3 Switch	10.4(2)F	<a href="#">Guidelines and Limitations</a>
L2 forwarding	Added support for L2 forwarding on Cisco Nexus 93400LD-H1 platform switches.	10.4(2)F	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>
L2 infra	Added support for L2 infra on Cisco Nexus 93400LD-H1 platform switches.	10.4(2)F	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>
L3 forwarding	Added support for L3 forwarding on Cisco Nexus 93400LD-H1 platform switches.	10.4(2)F	<a href="#">Guidelines and Limitations for Layer 3 Interfaces</a>
SFP-25G-ER-I	Added support for SFP-25G-ER-I on the Cisco Nexus C93180YC-FX3 switch.	10.4(2)F	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>

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	<a href="#">Guidelines and Limitations</a>
25G via CVR-QSFP-SFP25G	Added support for SFP28 for Cisco Nexus FX3 series switches	10.4(1)F	<a href="#">Guidelines and Limitations</a>
Interface counter support	Added support and limitation for Cisco Nexus C9348GC-FX3PH	10.4(1)F	<a href="#">Guidelines and Limitations</a>
Management Interface	Added configuration steps and example for Management Interface	10.4(1)F	<a href="#">Configuring the Description</a>
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	<a href="#">Configuring Load Balancing using Port Channels for MPLS Tagged Traffic</a>
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	<a href="#">Notes About Breakout Interfaces</a> <a href="#">Guidelines and Limitations</a>
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	<a href="#">Guidelines and Limitations</a>
L2 forwarding	Added support for L2 forwarding on Cisco Nexus 9332D-H2R platform switches.	10.4(1)F	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>
L2 infra	Added support for L2 infra on Cisco Nexus 9332D-H2R platform switches.	10.4(1)F	<a href="#">Guidelines and Limitations for Layer 2 Interfaces</a>
L3 forwarding	Added support for L3 forwarding on Cisco Nexus 9332D-H2R platform switches.	10.4(1)F	<a href="#">Guidelines and Limitations for Layer 3 Interfaces</a>

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	<a href="#">Guidelines and Limitations for Layer 3 Interfaces</a>
Hashing based	Added support for L3, Loopback, and Subinterfaces on Cisco Nexus 9804 platform switches.	10.4(1)F	<a href="#">Guidelines and Limitations for Layer 3 Interfaces</a>
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	<a href="#">Guidelines and Limitations</a>
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	<a href="#">Guidelines and Limitations</a>
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	<a href="#">Guidelines and Limitations</a>
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	<a href="#">Guidelines and Limitations</a>

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	<a href="#">Guidelines and Limitations for Layer 3 Interfaces</a>
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	<a href="#">Guidelines and Limitations</a>
Tunnel enhancements	Added support for IPv4 tunnel on GRE	10.4(1)F	<a href="#">Point-to-Point IP-in-IP Tunnel Encapsulation and Decapsulation</a>
LACP enhancements	Added support for LACP layer 3 port channel for Nexus 9800 series switches	10.4(1)F	<a href="#">Guidelines and Limitations</a>
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	<a href="#">Configuring 400G Digital Coherent Optics</a>