



Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

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Note

For the clearest readability of these tables, please use the PDF version provided in the upper right side of your browser screen. The HTML version may have confusing alignment of table data.



Note

Requirements and procedures for initial configurations and software upgrades tend to change and therefore appear only in the switch or router software release notes. Before installing, configuring, or upgrading a switch, refer to the product release notes on Cisco.com for the latest information. This matrix does not replace or supercede the release notes.

This publication lists the Cisco platforms and minimum required software versions to support 10-Gigabit Ethernet transceiver modules. [Table 1](#) lists the model numbers and operating wavelengths for the 10-Gigabit Ethernet transceiver modules. The other tables are as follows:

- [Table 2, Router Support and Minimum Software Release Requirements](#)
- [Table 3, Data Center and Blade Switching Minimum Software Release Requirements](#)
- [Table 4, Catalyst 2960, 3560, and 3750 Switch Support and Minimum Software Release Requirements](#)
- [Table 5, Catalyst 4XXX Switch Support and Minimum Software Release Requirements](#)
- [Table 6, Catalyst 6XXX Switch Support and Minimum Software Release Requirements](#)
- [Table 7, Metro Ethernet Support and Minimum Software Requirements](#)



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Table 1 10-Gigabit Ethernet Transceiver Module Models

| Model Number | Transceiver Description |
|-------------------------------|---|
| SFP+ Transceivers | |
| SFP-10G-SR= | 10GBASE-SR SFP+ transceiver module for MMF, 850-nm wavelength, LC duplex connector |
| SFP-10G-SR-X= | 10GBASE-SR SFP+ transceiver module for MMF, 850-nm wavelength, LC duplex connector, extended temperature range |
| SFP-10G-LRM= | 10GBASE-LRM SFP+ transceiver module for MMF and SMF, 1310-nm wavelength, LC duplex connector |
| SFP-10G-LR= | 10GBASE-LR SFP+ transceiver module for SMF, 1310-nm wavelength, LC duplex connector |
| SFP-10G-LR-X= | 10GBASE-LR SFP+ transceiver module for SMF, 1310-nm wavelength, LC duplex connector, extended temperature range |
| SFP-10G-ER= | 10GBASE-ER SFP+ transceiver module for SMF, 1550-nm, LC duplex connector |
| SFP-10G-ZR= | 10GBASE-ZR SFP+ transceiver module for SMF, 1550-nm, LC duplex connector |
| SFP-H10GB-CU1M= | 1-m 10G SFP+ Twinax cable assembly, passive |
| SFP-H10GB-CU3M= | 3-m 10G SFP+ Twinax cable assembly, passive |
| SFP-H10GB-CU5M= | 5-m 10G SFP+ Twinax cable assembly, passive |
| SFP-H10GB-ACU7M= | 7-m 10G SFP+ Twinax cable assembly, active |
| SFP-H10GB-ACU10M= | 10-m 10G SFP+ Twinax cable assembly, active |
| FET-10G | Cisco 10G Fabric Extender Transceiver, LC duplex connector |
| DWDM SFP+ Transceivers | |
| DWDM-SFP10G-61.41= | 10GBASE-DWDM 1561.41 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-60.61= | 10GBASE-DWDM 1560.61 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-59.79= | 10GBASE-DWDM 1559.79 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-58.98= | 10GBASE-DWDM 1558.98 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-58.17= | 10GBASE-DWDM 1558.17 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-57.36= | 10GBASE-DWDM 1557.36 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-56.55= | 10GBASE-DWDM 1556.55 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-55.75= | 10GBASE-DWDM 1555.75 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-54.94= | 10GBASE-DWDM 1554.94 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-54.13= | 10GBASE-DWDM 1554.13 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-53.33= | 10GBASE-DWDM 1553.33 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-52.52= | 10GBASE-DWDM 1552.52 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-51.72= | 10GBASE-DWDM 1551.72 nm SFP+ (100-GHz ITU grid) |

Table 1 10-Gigabit Ethernet Transceiver Module Models (continued)

| Model Number | Transceiver Description |
|---|---|
| DWDM SFP+ Transceivers (continued) | |
| DWDM-SFP10G-50.92= | 10GBASE-DWDM 1550.92 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-50.12= | 10GBASE-DWDM 1550.12 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-49.32= | 10GBASE-DWDM 1549.32 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-48.51= | 10GBASE-DWDM 1548.51 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-47.72= | 10GBASE-DWDM 1547.72 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-46.92= | 10GBASE-DWDM 1546.92 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-46.12= | 10GBASE-DWDM 1546.12 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-45.32= | 10GBASE-DWDM 1545.32 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-44.53= | 10GBASE-DWDM 1544.53 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-43.73= | 10GBASE-DWDM 1543.73 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-42.94= | 10GBASE-DWDM 1542.94 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-42.14= | 10GBASE-DWDM 1542.14 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-41.35= | 10GBASE-DWDM 1541.35 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-40.56= | 10GBASE-DWDM 1540.56 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-39.77= | 10GBASE-DWDM 1539.77 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-38.98= | 10GBASE-DWDM 1538.98 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-38.19= | 10GBASE-DWDM 1538.19 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-37.40= | 10GBASE-DWDM 1537.40 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-36.61= | 10GBASE-DWDM 1536.61 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-35.82= | 10GBASE-DWDM 1535.82 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-35.04= | 10GBASE-DWDM 1535.04 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-34.25= | 10GBASE-DWDM 1534.25 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-33.47= | 10GBASE-DWDM 1533.47 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-32.68= | 10GBASE-DWDM 1532.68 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-31.90= | 10GBASE-DWDM 1531.90 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-31.12= | 10GBASE-DWDM 1531.12 nm SFP+ (100-GHz ITU grid) |
| DWDM-SFP10G-30.33= | 10GBASE-DWDM 1530.33 nm SFP+ (100-GHz ITU grid) |

Table 1 **10-Gigabit Ethernet Transceiver Module Models (continued)**

| Model Number | Transceiver Description |
|----------------------------|--|
| XENPAK Transceivers | |
| XENPAK-10GB-ER= | 10GBASE-ER XENPAK transceiver module for SMF, 1550-nm wavelength, SC duplex connector |
| XENPAK-10GB-ER+= | 10GBASE-ER XENPAK transceiver module for SMF, 1550-nm wavelength, SC duplex connector (supports DOM) |
| XENPAK-10GB-LR= | 10GBASE-LR XENPAK transceiver module for SMF, 1310-nm wavelength, SC duplex connector |
| XENPAK-10GB-LR+= | 10GBASE-LR XENPAK transceiver module for SMF, 1310-nm wavelength, SC duplex connector (supports DOM) |
| XENPAK-10GB-LRM= | 10GBASE-LRM XENPAK transceiver module for MMF, 1310-nm wavelength, SC duplex connector |
| XENPAK-10GB-LW= | 10GBASE-LW XENPAK transceiver module for SMF, 1310-nm wavelength, SC duplex connector |
| XENPAK-10GB-LX4= | 10GBASE-LX4 XENPAK transceiver module for MMF, 1310-nm wavelength, SC duplex connector |
| XENPAK-10GB-SR= | 10GBASE-SR XENPAK transceiver module for MMF, 850-nm wavelength, SC duplex connector |
| XENPAK-10GB-CX4= | 10GBASE-CX4 XENPAK transceiver module for CX4 cable, copper, InfiniBand 4X connector |
| XENPAK-10GB-ZR= | 10GBASE-ZR XENPAK transceiver module for SMF, 1550-nm wavelength, SC duplex connector |

Table 1 10-Gigabit Ethernet Transceiver Module Models (continued)

| Model Number | Transceiver Description |
|---------------------------------|---|
| DWDM XENPAK Transceivers | |
| DWDM-XENPAK-60.61= | 10GBASE-DWDM 1560.61 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-59.79= | 10GBASE-DWDM 1559.79 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-58.98= | 10GBASE-DWDM 1558.98 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-58.17= | 10GBASE-DWDM 1558.17 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-56.55= | 10GBASE-DWDM 1556.55 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-55.75= | 10GBASE-DWDM 1555.75 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-54.94= | 10GBASE-DWDM 1554.94 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-54.13= | 10GBASE-DWDM 1554.13 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-52.52= | 10GBASE-DWDM 1552.52 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-51.72= | 10GBASE-DWDM 1551.72 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-50.92= | 10GBASE-DWDM 1550.92 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-50.12= | 10GBASE-DWDM 1550.12 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-48.51= | 10GBASE-DWDM 1548.51 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-47.72= | 10GBASE-DWDM 1547.72 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-46.92= | 10GBASE-DWDM 1546.92 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-46.12= | 10GBASE-DWDM 1546.12 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-44.53= | 10GBASE-DWDM 1544.53 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-43.73= | 10GBASE-DWDM 1543.73 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-42.94= | 10GBASE-DWDM 1542.94 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-42.14= | 10GBASE-DWDM 1542.14 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-40.56= | 10GBASE-DWDM 1540.56 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-39.77= | 10GBASE-DWDM 1539.77 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-38.98= | 10GBASE-DWDM 1538.98 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-38.19= | 10GBASE-DWDM 1538.19 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-36.61= | 10GBASE-DWDM 1536.61 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-35.82= | 10GBASE-DWDM 1535.82 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-35.04= | 10GBASE-DWDM 1535.04 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-34.25= | 10GBASE-DWDM 1534.25 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-32.68= | 10GBASE-DWDM 1532.68 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-31.90= | 10GBASE-DWDM 1531.90 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-31.12= | 10GBASE-DWDM 1531.12 nm XENPAK (100-GHz ITU grid) |
| DWDM-XENPAK-30.33= | 10GBASE-DWDM 1530.33 nm XENPAK (100-GHz ITU grid) |

Table 1 10-Gigabit Ethernet Transceiver Module Models (continued)

| Model Number | Transceiver Description |
|-----------------------------|--|
| X2 Transceivers | |
| X2-10GB-LR= | 10GBASE-LR X2 transceiver module for SMF, 1310-nm wavelength, SC duplex connector |
| X2-10GB-ER= | 10GBASE-ER X2 transceiver module for SMF, 1550-nm wavelength, SC duplex connector |
| X2-10GB-ZR= | 10GBASE-ZR X2 transceiver module for SMF, 1550-nm wavelength, SC duplex connector |
| X2-10GB-SR= | 10GBASE-SR X2 transceiver module for MMF, 850-nm wavelength, SC duplex connector |
| X2-10GB-CX4= | 10GBASE-CX4 X2 transceiver module for CX4 cable, copper, InfiniBand 4X connector |
| X2-10GB-LX4= | 10GBASE-LX4 X2 transceiver module for MMF, 1310-nm wavelength, SC duplex connector |
| X2-10GB-LRM= | 10GBASE-LRM X2 transceiver module for MMF, 1310-nm wavelength, SC duplex connector |
| X2-10GB-T | 10GBASE-T X2 transceiver module for CAT6A/CAT7 cable, copper, RJ-45 connector |
| DWDM X2 Transceivers | |
| DWDM-X2-60.61= | 10GBASE-DWDM 1560.61 nm X2 (100-GHz ITU grid) |
| DWDM-X2-59.79= | 10GBASE-DWDM 1559.79 nm X2 (100-GHz ITU grid) |
| DWDM-X2-58.98= | 10GBASE-DWDM 1558.98 nm X2 (100-GHz ITU grid) |
| DWDM-X2-58.17= | 10GBASE-DWDM 1558.17 nm X2 (100-GHz ITU grid) |
| DWDM-X2-56.55= | 10GBASE-DWDM 1556.55 nm X2 (100-GHz ITU grid) |
| DWDM-X2-55.75= | 10GBASE-DWDM 1555.75 nm X2 (100-GHz ITU grid) |
| DWDM-X2-54.94= | 10GBASE-DWDM 1554.94 nm X2 (100-GHz ITU grid) |
| DWDM-X2-54.13= | 10GBASE-DWDM 1554.13 nm X2 (100-GHz ITU grid) |
| DWDM-X2-52.52= | 10GBASE-DWDM 1552.52 nm X2 (100-GHz ITU grid) |
| DWDM-X2-51.72= | 10GBASE-DWDM 1551.72 nm X2 (100-GHz ITU grid) |
| DWDM-X2-50.92= | 10GBASE-DWDM 1550.92 nm X2 (100-GHz ITU grid) |
| DWDM-X2-50.12= | 10GBASE-DWDM 1550.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-48.51= | 10GBASE-DWDM 1548.51 nm X2 (100-GHz ITU grid) |
| DWDM-X2-47.72= | 10GBASE-DWDM 1547.72 nm X2 (100-GHz ITU grid) |
| DWDM-X2-46.92= | 10GBASE-DWDM 1546.92 nm X2 (100-GHz ITU grid) |
| DWDM-X2-46.12= | 10GBASE-DWDM 1546.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-44.53= | 10GBASE-DWDM 1544.53 nm X2 (100-GHz ITU grid) |
| DWDM-X2-43.73= | 10GBASE-DWDM 1543.73 nm X2 (100-GHz ITU grid) |
| DWDM-X2-42.94= | 10GBASE-DWDM 1542.94 nm X2 (100-GHz ITU grid) |

Table 1 10-Gigabit Ethernet Transceiver Module Models (continued)

| Model Number | Transceiver Description |
|---|---|
| DWDM X2 Transceivers (continued) | |
| DWDM-X2-42.14= | 10GBASE-DWDM 1542.14 nm X2 (100-GHz ITU grid) |
| DWDM-X2-40.56= | 10GBASE-DWDM 1540.56 nm X2 (100-GHz ITU grid) |
| DWDM-X2-39.77= | 10GBASE-DWDM 1539.77 nm X2 (100-GHz ITU grid) |
| DWDM-X2-38.98= | 10GBASE-DWDM 1538.98 nm X2 (100-GHz ITU grid) |
| DWDM-X2-38.19= | 10GBASE-DWDM 1538.19 nm X2 (100-GHz ITU grid) |
| DWDM-X2-36.61= | 10GBASE-DWDM 1536.61 nm X2 (100-GHz ITU grid) |
| DWDM-X2-35.82= | 10GBASE-DWDM 1535.82 nm X2 (100-GHz ITU grid) |
| DWDM-X2-35.04= | 10GBASE-DWDM 1535.04 nm X2 (100-GHz ITU grid) |
| DWDM-X2-34.25= | 10GBASE-DWDM 1534.25 nm X2 (100-GHz ITU grid) |
| DWDM-X2-32.68= | 10GBASE-DWDM 1532.68 nm X2 (100-GHz ITU grid) |
| DWDM-X2-31.90= | 10GBASE-DWDM 1531.90 nm X2 (100-GHz ITU grid) |
| DWDM-X2-31.12= | 10GBASE-DWDM 1531.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-30.33= | 10GBASE-DWDM 1530.33 nm X2 (100-GHz ITU grid) |
| XFP Transceivers | |
| XFP-10GLR-OC192SR= | Cisco multirate XFP transceiver module for 10GBASE-LR Ethernet and OC-192/STM-64 short-reach (SR-1) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector |
| XFP10GLR-192SR-L= | Cisco multirate XFP transceiver module for 10GBASE-LR Ethernet and OC-192/STM-64 short-reach (SR-1) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, low power |
| XFP-10GER-OC192IR= | Cisco multirate XFP transceiver module for 10GBASE-ER Ethernet and OC-192/STM-64 intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector |
| XFP-10GER-192IR+= | Cisco multirate XFP transceiver module for 10GBASE-ER Ethernet and OC-192/STM-64 intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector |
| XFP10GER-192IR-L= | Cisco multirate XFP transceiver module for 10GBAS-ER Ethernet and OC-192/STM-64intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector |
| XFP-10GZR-OC192LR= | Cisco multirate XFP transceiver module for 10GBASE-ZR Ethernet and OC-192/STM-64 long-reach Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector |
| XFP-10G-MM-SR= | Cisco 10GBASE-SR Ethernet XFP transceiver module for MMF, dual LC connector |

Table 1 10-Gigabit Ethernet Transceiver Module Models (continued)

| Model Number | Transceiver Description |
|-------------------------------------|---|
| XFP Transceivers (continued) | |
| XFP10GLR192SR-RGD | Cisco multirate XFP transceiver module for 10GBASE-LR Ethernet and OC-192/STM-64 short-reach (SR-1) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, industrial temperature range |
| XFP10GER192IR-RGD | Cisco multirate XFP transceiver module for 10GBASE-ER Ethernet and OC-192/STM-64 intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, industrial temperature range |
| XFP10GZR192LR-RGD | Cisco multirate XFP transceiver module for 10GBASE-ZR Ethernet and OC-192/STM-64 long-reach Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, industrial temperature range |
| DWDM XFP Transceivers | |
| DWDM-XFP-60.61= | 10GBASE-DWDM 1560.61 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-59.79= | 10GBASE-DWDM 1559.79 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-58.98= | 10GBASE-DWDM 1558.98 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-58.17= | 10GBASE-DWDM 1558.17 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-56.55= | 10GBASE-DWDM 1556.55 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-55.75= | 10GBASE-DWDM 1555.75 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-54.94= | 10GBASE-DWDM 1554.94 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-54.13= | 10GBASE-DWDM 1554.13 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-52.52= | 10GBASE-DWDM 1552.52 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-51.72= | 10GBASE-DWDM 1551.72 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-50.92= | 10GBASE-DWDM 1550.92 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-50.12= | 10GBASE-DWDM 1550.12 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-48.51= | 10GBASE-DWDM 1548.51 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-47.72= | 10GBASE-DWDM 1547.72 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-46.92= | 10GBASE-DWDM 1546.92 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-46.12= | 10GBASE-DWDM 1546.12 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-44.53= | 10GBASE-DWDM 1544.53 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-43.73= | 10GBASE-DWDM 1543.73 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-42.94= | 10GBASE-DWDM 1542.94 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-42.14= | 10GBASE-DWDM 1542.14 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-40.56= | 10GBASE-DWDM 1540.56 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-39.77= | 10GBASE-DWDM 1539.77 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-38.98= | 10GBASE-DWDM 1538.98 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-38.19= | 10GBASE-DWDM 1538.19 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-36.61= | 10GBASE-DWDM 1536.61 nm XFP (100-GHz ITU grid) |

Table 1 10-Gigabit Ethernet Transceiver Module Models (continued)

| Model Number | Transceiver Description |
|--|--|
| DWDM XFP Transceivers (continued) | |
| DWDM-XFP-35.82= | 10GBASE-DWDM 1535.82 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-35.04= | 10GBASE-DWDM 1535.04 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-34.25= | 10GBASE-DWDM 1534.25 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-32.68= | 10GBASE-DWDM 1532.68 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-31.90= | 10GBASE-DWDM 1531.90 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-31.12= | 10GBASE-DWDM 1531.12 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-30.33= | 10GBASE-DWDM 1530.33 nm XFP (100-GHz ITU grid) |
| DWDM-XFP-C= | 10GBASE-DWDM Tuneable XFP (50-GHz ITU grid) |

Table 2 to Table 6 list the Cisco platforms that support the 10-Gigabit Ethernet transceiver modules and the minimum software requirements.

Table 2 Router Support and Minimum Software Release Requirements

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|-------------------|------------------|-------------------|-----------------------------------|-------------------|
| | | | DOM Support | Cisco IOS Release |
| CRS Router | 8-10GBE | CRS-XENPAK10GB-LR | — | XR 3.0 |
| | | XENPAK-10GB-LR+ | XR 3.3.3 | XR 3.3.3 |
| | | XENPAK-10GB-ER+ | — | XR 3.2.2 |
| | | XENPAK-10GB-ER | — | XR 3.2.2 |
| | 4-10GE | DWDM XENPAK | XR 3.0 | XR 3.0 |
| | | XENPAK-10GB-LR+ | XR 3.8.1 | XR 3.8.1 |
| 2-10GE-WL-FLEX | XENPAK-10GB-LR+ | XR 3.8.1 | XR 3.8.1 | |
| | XENPAK-10GB-ER+ | | | |
| | DWDM XENPAK | | | |
| | XFP-10G-MM-SR | | | |
| XFP-10GLR-OC192SR | | | | |
| XFP-10GER-192IR+ | | | | |
| XFP-10GZR-OC192LR | | | | |
| DWDM XFP | | | | |

Table 2 Router Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---------------------------------|--|--|--|-------------------|
| | | | DOM Support | Cisco IOS Release |
| CRS Router (continued) | 4-10GBE-WL-XFP 8-10GBE-WL-XFP | XFP10GLR-192SR-L XFP10GER-192IR-L | XR 3.8.4, 3.9.1 | XR 3.8.4, 3.9.1 |
| | | XFP-10G-MM-SR ² XFP-10GZR-OC192LR ¹ DWDM XFP ² | XR 4.0.1 | XR 4.0.1 |
| | | DWDM-XFP-C | XR 4.2.3 | XR 4.2.3 |
| | 14X10GBE-WL-XFP 20X10GBE-WL-XFP | XFP10GLR-192SR-L XFP10GER-192IR-L | XR 4.0 | XR 4.0 |
| | | XFP-10G-MM-SR ² XFP-10GZR-OC192LR ¹ DWDM XFP ² | XR 4.0.1 | XR 4.0.1 |
| | | DWDM-XFP-C | XR 4.2.3 | XR 4.2.3 |
| Cisco Shared Port Adapter (SPA) | SPA-OC192POS-XFP SPA-1X10GE-WL-V2 SPA-1XTENGE-XFP SPA-1X10GE-L-V2 | XFP-10G-MM-SR XFP-10GLR-OC192SR XFP10GLR-192SR-L XFP-10GER-OC192IR XFP-10GER-192IR+ XFP10GER-192IR-L XFP-10GZR-OC192LR DWDM XFP | SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release. | |
| ASR 9000 Series Router | A9K-4T-B A9K-4T-E A9K-8T/4-E A9K-8T/4-B | XFP-10G-MM-SR XFP-10GLR-OC192SR ¹ | XR 3.7.3 | XR 3.7.3 |
| | | XFP-10GER-192IR+ XFP-10GZR-OC192LR ² DWDM XFP | | |
| | | DWDM-XFP-C | XR 4.0.1 | XR 4.0.1 |
| | A9K-2T20GE-B A9K-2T20GE-E A9K-4T-L A9K-8T/4-L A9K-8T-L A9K-8T-E | XFP-10G-MM-SR XFP-10GLR-OC192SR ¹ | XR 3.9.0 | XR 3.9.0 |
| | | XFP-10GER-192IR+ XFP-10GZR-OC192LR ² DWDM XFP | | |
| | | DWDM-XFP-C | XR 4.0.1 | XR 4.0.1 |
| A9K-8T-B | XFP-10G-MM-SR XFP-10GLR-OC192SR ¹ | XR 3.9.1 | XR 3.9.1 | |
| | XFP-10GER-192IR+ XFP-10GZR-OC192LR ² DWDM XFP | | | |
| | DWDM-XFP-C | XR 4.0.1 | XR 4.0.1 | |

Table 2 Router Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---------------------------------------|--|---|---|----------------------|
| | | | DOM Support | Cisco IOS Release |
| ASR 9000 Series Router (continued) | A9K-SIP-700 with SPA-OC192POS-XFP | XFP-10GLR-OC192SR ¹ XFP-10GER-192IR+ XFP-10GZR-OC192LR ² DWDM XFP DWDM-XFP-C | XR 4.0.0 | XR 4.0.0 |
| | A9K-16T/8-B | SFP-10G-SR SFP-10G-LR SFP-10G-ER | XR 3.9.1 | XR 3.9.1 |
| | A9K-24X10GE-SE A9K-24X10GE-TR | SFP-10G-SR SFP-10G-SR-X SFP-10G-LR SFP-10G-LR-X SFP-10G-ER | XR 4.2.0 | XR 4.2.0 |
| | A9K-MPA-2X10GE A9K-MPA-4X10GE | XFP-10GLR-OC192SR ¹ XFP-10GER-192IR+ XFP-10GZR-OC192LR ² DWDM XFP DWDM-XFP-C | XR 4.2.0 | XR 4.2.0 |
| | A9K-RSP440-TR A9K-RSP440-SE ASR-9001 | SFP-H10GB-ACU7M ² SFP-H10GB-ACU10M ² SFP-10G-SR SFP-10G-LR SFP-10G-ER | — XR 4.2.1 | XR 4.2.1 XR 4.2.1 |
| | ASR 1000 Series Router | ASR 1000 platform with SPA cards | Software support on the ASR 1000 modular platforms is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release. http://www.cisco.com/en/US/docs/interfaces_modules/shared_port_adapters/configuration/ASR1000/ASRspasw.pdf | |
| Cisco ASR 903 Series | A900-IMA1X | XFP10GLR192SR-RGD XFP10GER192IR-RGD XFP10GZR192LR-RGD XFP-10G-MM-SR XFP10GLR-192SR-L XFP10GER-192IR-L XFP-10GZR-OC192LR DWDM-XFP-C | XE 3.5.0S | XE 3.5.0S |
| Cisco SCE 8000 | SCE8000-2X10GE-E SCE8000-4X10GE-E | XFP-10G-MM-SR XFP-10GLR-OC192SR XFP-10GER-OC192SR XFP-10GZR-OC192LR DWDM XFP | SCS 3.1.6 | SCS 3.1.6 |

Table 2 Router Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|----------------------------|--|-------------------|-----------------------------------|-------------------|
| | | | DOM Support | Cisco IOS Release |
| Cisco 7600 Series Router | 7600-ES20-10G3C 7600-ES20-10G3CXL | XFP-10GLR-OC192SR | 12.2(33)SRB | 12.2(33)SRB |
| | | XFP-10GER-OC192IR | | |
| | | XFP-10GZR-OC192LR | 12.2(33)SRB1 | 12.2(33)SRB1 |
| | | DWDM XFP | 12.2(33)SRB3 | 12.2(33)SRB3 |
| | | XFP-10GER-192IR+ | 12.2(33)SRD | 12.2(33)SRD |
| | | XFP-10G-MM-SR | 12.2(33)SRE1 | 12.2(33)SRE1 |
| | 7600-ES+2TG3C 7600-ES+2TG3CXL 7600-ES+4TG3C 7600-ES+4TG3CXL | XFP-10GLR-OC192SR | 12.2(33)SRD | 12.2(33)SRD |
| | | XFP-10GER-192IR+ | | |
| | | XFP-10GZR-OC192LR | | |
| | | DWDM XFP | | |
| | 76-ES+XT-2TG3C 76-ES+XT-2TG3CXL 76-ES+XT-4TG3C 76-ES+XT-4TG3CXL | XFP-10G-MM-SR | 12.2(33)SRE1 | 12.2(33)SRE1 |
| | | DWDM-XFP-C | 15.0(1)S | 15.0(1)S |
| | | XFP-10GLR-OC192SR | 12.2(33)SRD1 | 12.2(33)SRD1 |
| | 76-ES+T-2TG 76-ES+T-4TG | XFP-10GER-192IR+ | | |
| | | XFP-10GZR-OC192LR | | |
| | | DWDM XFP | | |
| 76-ES+T-2TG 76-ES+T-4TG | XFP-10GLR-OC192SR | 12.2(33)SRD3 | 12.2(33)SRD3 | |
| | XFP-10GER-192IR+ | | | |
| | XFP-10GZR-OC192LR | | | |
| 76-ES+T-2TG 76-ES+T-4TG | DWDM XFP | | | |
| | XFP-10G-MM-SR | 12.2(33)SRE1 | 12.2(33)SRE1 | |
| | DWDM-XFP-C | 15.0(1)S | 15.0(1)S | |

Table 2 Router Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---|--|---|---|---|
| | | | DOM Support | Cisco IOS Release |
| Cisco 7600 Series Router (continued) | 76-ES+XC-20G3C 76-ES+XC-20G3CXL 76-ES+XC-40G3C 76-ES+XC-40G3CXL | XFP-10GLR-OC192SR XFP-10GER-192IR+ XFP-10GZR-OC192LR DWDM XFP XFP-10G-MM-SR DWDM-XFP-C | 12.2(33)SRE 12.2(33)SRE1 15.0(1)S | 12.2(33)SRE 12.2(33)SRE1 15.0(1)S |
| | WS-X6708-10G-3C WS-X6708-10G-3CXL RSP720-10GE | X2-10GB-CX4 X2-10GB-LX4 | — | 12.2(33)SRC |
| | | X2-10GB-LR X2-10GB-SR X2-10GB-ER | 12.2(33)SRD2 | 12.2(33)SRC |
| | | X2-10GB-LRM X2-10GB-ZR DWDM X2 | 12.2(33)SRE | 12.2(33)SRE |
| | WS-SUP32-10GB-3B | XENPAK-10GB-CX4 XENPAK-10GB-LX4 XENPAK-10GB-SR XENPAK-10GB-LR XENPAK-10GB-ER | — | 12.2(33)SRA |
| XENPAK-10GB-LR+ XENPAK-10GB-ER+ XENPAK-10GB-ZR DWDM XENPAK | | 12.2(33)SRA | 12.2(33)SRA | |
| WS-X6704-10GE | XENPAK-10GB-CX4 XENPAK-10GB-LX4 XENPAK-10GB-SR XENPAK-10GB-LR XENPAK-10GB-ER | — | 12.2(33)SRA | |
| | XENPAK-10GB-LW XENPAK-10GB-LR+ XENPAK-10GB-ER+ XENPAK-10GB-ZR DWDM XENPAK | 12.2(33)SRA | 12.2(33)SRA | |
| Cisco RF Gateway Series | RFGW-X4516-10GE | X2-10GB-SR X2-10GB-LR | 12.2(44)SQ | 12.2(44)SQ |

1. Only version -03 or later is supported.
2. Only version -02 or later is supported.

Table 3 Data Center and Blade Switching Minimum Software Release Requirements

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---|----------------------------------|-----------------------------|-----------------------------------|----------------------------|
| | | | DOM Support | Cisco IOS or NX-OS Release |
| Cisco Catalyst 2350 Series | 2350-48TD-S | X2-10GB-CX4 | — | 12.2(46)EY |
| | 2350-48TD-SD | X2-10GB-SR X2-10GB-LRM | | |
| Cisco Catalyst 2360 Series | 2360-48TD-S | SFP-H10GB-CU1M ¹ | — | 12.2(53)EY |
| | | SFP-H10GB-CU3M ¹ | | |
| | | SFP-H10GB-CU5M ¹ | | |
| | | SFP-10G-SR | | |
| | | SFP-10G-LRM | | |
| | | SFP-10G-LR | | |
| Cisco Catalyst 3100 Blade Switches | WS-CBS-3110X-S-I | X2-10GB-CX4 | — | 12.2(40)EX1 |
| | | X2-10GB-SR | | |
| | | X2-10GB-LX4 | | |
| | WS-CBS-3120X-S WS-CBS-3130X-S | X2-10GB-LRM | — | 12.2(46)SE |
| | | X2-10GB-LR | | |
| | | X2-10GB-LX4 X2-10GB-LR | | |
| | WS-CBS-3120X-S WS-CBS-3130X-S | X2-10GB-CX4 | — | 12.2(40)EX3 |
| | | X2-10GB-SR | | |
| | | X2-10GB-LRM | | |
| WS-CBS-3110X-S-I WS-CBS-3120X-S WS-CBS-3130X-S (With CVR-X2-SFP10G converter for X2 ports) | SFP-10G-SR | — | 12.2(55)SE1 | |
| | SFP-10G-LR | | | |
| | SFP-10G-LRM | | | |
| | SFP-H10GB-CU1M ¹ | | | |
| | SFP-H10GB-CU3M ¹ | | | |
| | SFP-H10GB-CU5M ¹ | | | |

Table 3 Data Center and Blade Switching Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|-------------------------|-------------------------------------|---|-----------------------------------|----------------------------|
| | | | DOM Support | Cisco IOS or NX-OS Release |
| Cisco Nexus 2000 Series | N2K-C2148T-1GE | SFP-10G-SR SFP-10G-LR | NX-OS 4.0(1a)N2(1) | NX-OS 4.0(1a)N2(1) |
| | | SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M | — | NX-OS 4.0(1a)N2(1) |
| | | SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 4.2(1)N2(1) |
| | | SFP-10G-ER | NX-OS 5.1(3)N1(1) | NX-OS 5.1(3)N1(1) |
| | N2K-C2248TP-1GE N2K-C2232PP-10GE | SFP-10G-SR SFP-10G-LR FET-10G ² | NX-OS 4.2(1)N1(1) | NX-OS 4.2(1)N1(1) |
| | | | — | NX-OS 4.2(1)N1(1) |
| | | SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M | — | NX-OS 4.2(1)N1(1) |
| | | SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 4.2(1)N2(1) |
| | | SFP-10G-ER | NX-OS 5.1(3)N1(1) | NX-OS 5.1(3)N1(1) |
| | N2K-C2224TP-1GE | SFP-10G-SR SFP-10G-LR FET-10G ² | NX-OS 4.2(1)N2(1) | NX-OS 4.2(1)N2(1) |
| | | | — | NX-OS 4.2(1)N2(1) |
| | | SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 4.2(1)N2(1) |
| SFP-10G-ER | | NX-OS 5.1(3)N1(1) | NX-OS 5.1(3)N1(1) | |

Table 3 Data Center and Blade Switching Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | | |
|---|--------------------|---|--|----------------------------|--------------------|
| | | | DOM Support | Cisco IOS or NX-OS Release | |
| Cisco Nexus 2000 Series (continued) | N2K-C2232TM-10GE | SFP-10G-SR SFP-10G-LR FET-10G ² | NX-OS 5.0(3)N2(1) | NX-OS 5.0(3)N2(1) | |
| | | SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 5.0(3)N2(1) | |
| | | SFP-10G-ER | NX-OS 5.1(3)N1(1) | NX-OS 5.1(3)N1(1) | |
| | | N2K-C2248TP-E-1GE | SFP-10G-SR SFP-10G-LR FET-10G ² SFP-10G-ER | NX-OS 5.1(3)N1(1) | NX-OS 5.1(3)N1(1) |
| SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | | NX-OS 5.1(3)N1(1) | | |
| Cisco Nexus 3000 Series | N3K-C3064PQ | | SFP-10G-SR SFP-10G-LR | NX-OS 5.0(3)U1(1a) | NX-OS 5.0(3)U1(1a) |
| | | | SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M | — | NX-OS 5.0(3)U1(1d) |
| | | SFP-10G-ER | NX-OS 5.0(3)U2(2c) | NX-OS 5.0(3)U2(2c) | |
| | | N3K-C3064PQ-10GE | SFP-10G-SR SFP-10G-LR | NX-OS 5.0(3)U1(2) | NX-OS 5.0(3)U1(2) |
| SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M | — | | NX-OS 5.0(3)U1(2) | | |
| SFP-10G-ER | NX-OS 5.0(3)U2(2c) | | NX-OS 5.0(3)U2(2c) | | |
| SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | | NX-OS 5.0(3)U3(2b) | | |
| | | SFP-10G-ZR DWDM SFP+ | NX-OS 5.0(3)U3(2b) | NX-OS 5.0(3)U3(2b) | |

Table 3 Data Center and Blade Switching Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|--|---|--|--|--|
| | | | DOM Support | Cisco IOS or NX-OS Release |
| Cisco Nexus 3000 Series (continued) | N3K-C3064PQ-10GX | SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-ZR DWDM SFP+ | NX-OS 5.0(3)U3(1) — — NX-OS 5.0(3)U4(1) | NX-OS 5.0(3)U3(1) NX-OS 5.0(3)U3(1) NX-OS 5.0(3)U3(2b) NX-OS 5.0(3)U4(1) |
| | N3K-C3048TP-1GE | SFP-10G-SR SFP-10G-LR SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-ZR DWDM SFP+ | NX-OS 5.0(3)U2(2b) — — NX-OS 5.0(3)U4(1) | NX-OS 5.0(3)U2(2b) NX-OS 5.0(3)U2(2b) NX-OS 5.0(3)U3(2b) NX-OS 5.0(3)U4(1) |
| Cisco Nexus 4000 Series | N4K-4001I-XPX | SFP-10G-SR SFP-10G-LR SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M | NX-OS 4.1(2)E1(1) — | NX-OS 4.1(2)E1(1) NX-OS 4.1(2)E1(1) |
| Cisco Nexus 5000 Series | N5K-C5020P-BF N5K-M1600 N5K-M1404 | SFP-10G-SR SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-10G-LR SFP-H10GB-ACU7M SFP-H10GB-ACU10M FET-10G ² | NX-OS 4.0(0)N1(1) — NX-OS 4.0(1a)N1(1) — NX-OS 4.2(1)N1(1) | NX-OS 4.0(0)N1(1) NX-OS 4.0(0)N1(1) NX-OS 4.0(1a)N1(1) NX-OS 4.2(1)N2(1) NX-OS 4.2(1)N1(1) |
| | N5K-C5010P-BF | SFP-10G-SR SFP-10G-LR SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M FET-10G ² | NX-OS 4.0(1a)N1(1) — — NX-OS 4.2(1)N1(1) | NX-OS 4.0(1a)N1(1) NX-OS 4.0(1a)N1(1) NX-OS 4.2(1)N2(1) NX-OS 4.2(1)N1(1) |

Table 3 Data Center and Blade Switching Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---|---|----------------------|-----------------------------------|----------------------------|
| | | | DOM Support | Cisco IOS or NX-OS Release |
| Cisco Nexus 5000 Series (continued) | N5K-C5548P-FA N55-M16P N55-M8P8FP | SFP-10G-SR | NX-OS 5.0(2)N1(1) | NX-OS 5.0(2)N1(1) |
| | | SFP-10G-LR | | |
| | | SFP-H10GB-CU1M | — | NX-OS 5.0(2)N1(1) |
| | | SFP-H10GB-CU3M | | |
| | | SFP-H10GB-CU5M | | |
| | | SFP-H10GB-ACU7M | | |
| | N5K-C5548P-FA N55-M16UP | SFP-10G-SR | NX-OS 5.0(2)N1(1) | NX-OS 5.0(2)N1(1) |
| | | SFP-10G-LR | | |
| | | FET-10G ² | | |
| | | SFP-H10GB-CU1M | — | NX-OS 5.0(2)N1(1) |
| | | SFP-H10GB-CU3M | | |
| | | SFP-H10GB-CU5M | | |
| N5K-C5548UP-FA N5K-C5596UP-FA N55-M16UP N55-M16P N55-M8P8FP | SFP-H10GB-ACU7M | | | |
| | SFP-H10GB-ACU10M | | | |
| | SFP-10G-SR | NX-OS 5.0(3)N1(1B) | NX-OS 5.0(3)N1(1B) | |
| | SFP-10G-LR | | | |
| | FET-10G ² | | | |
| | SFP-H10GB-CU1M | — | NX-OS 5.0(3)N1(1B) | |
| N5K-C5548UP-FA N5K-C5596UP-FA N55-M16UP N55-M16P N55-M8P8FP | SFP-H10GB-CU3M | | | |
| | SFP-H10GB-CU5M | | | |
| | SFP-H10GB-ACU7M | | | |
| | SFP-H10GB-ACU10M | | | |
| | SFP-10G-SR | NX-OS 5.0(3)N1(1B) | NX-OS 5.0(3)N1(1B) | |
| | SFP-10G-LR | | | |
| N5K-C5548UP-FA N5K-C5596UP-FA N55-M16UP N55-M16P N55-M8P8FP | FET-10G ² | | | |
| | SFP-H10GB-CU1M | — | NX-OS 5.0(3)N1(1B) | |
| | SFP-H10GB-CU3M | | | |
| | SFP-H10GB-CU5M | | | |
| | SFP-H10GB-ACU7M | | | |
| | SFP-H10GB-ACU10M | | | |
| N5K-C5548UP-FA N5K-C5596UP-FA N55-M16UP N55-M16P N55-M8P8FP | SFP-10G-SR | NX-OS 5.0(3)N1(1B) | NX-OS 5.0(3)N1(1B) | |
| | SFP-10G-LR | | | |
| | FET-10G ² | | | |
| | SFP-H10GB-CU1M | — | NX-OS 5.0(3)N1(1B) | |
| | SFP-H10GB-CU3M | | | |
| | SFP-H10GB-CU5M | | | |
| N5K-C5548UP-FA N5K-C5596UP-FA N55-M16UP N55-M16P N55-M8P8FP | SFP-H10GB-ACU7M | | | |
| | SFP-H10GB-ACU10M | | | |
| | SFP-10G-SR | NX-OS 5.1(3)N1(1) | NX-OS 5.1(3)N1(1) | |
| | SFP-10G-LR | | | |
| | FET-10G ² | | | |
| | SFP-H10GB-CU1M | — | NX-OS 5.0(3)N1(1B) | |
| N5K-C5548UP-FA N5K-C5596UP-FA N55-M16UP N55-M16P N55-M8P8FP | SFP-H10GB-CU3M | | | |
| | SFP-H10GB-CU5M | | | |
| | SFP-H10GB-ACU7M | | | |
| | SFP-H10GB-ACU10M | | | |
| | SFP-10G-SR | NX-OS 5.1(3)N1(1) | NX-OS 5.1(3)N1(1) | |
| | SFP-10G-LR | | | |

Table 3 Data Center and Blade Switching Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---|--|-------------------------------|-----------------------------------|----------------------------|
| | | | DOM Support | Cisco IOS or NX-OS Release |
| Cisco Unified Computing System | N10-S6100 N10-E0440 N10-E0600 N20-I6584 | SFP-10G-SR | UCS Manager v1.0(1) | UCS Manager v1.0(1) |
| | | SFP-10G-LR | | |
| | | SFP-H10GB-CU1M | — | UCS Manager v1.0(1) |
| | | SFP-H10GB-CU3M | — | |
| | N10-S6200 N10-E0440 N10-E0600 N20-I6584 | SFP-H10GB-CU5M | — | |
| | | SFP-H10GB-ACU7M | — | UCS Manager v1.4(2) |
| | | SFP-H10GB-ACU10M | — | |
| | | SFP-10G-SR | UCS Manager v1.1(1) | UCS Manager v1.1(1) |
| | | SFP-10G-LR | | |
| UCS-FI-6248UP UCS-FI-E16UP UCS-IOM-2208XP | SFP-H10GB-CU1M | — | UCS Manager v1.1(1) | |
| | SFP-H10GB-CU3M | — | | |
| | SFP-H10GB-CU5M | — | | |
| | SFP-H10GB-ACU7M | — | UCS Manager v1.4(2) | |
| | SFP-H10GB-ACU10M | — | | |
| Cisco Nexus 7000 Series | N7K-M132XP-12 | SFP-10G-SR | NX-OS 4.0 (1) | NX-OS 4.0 (1) |
| | | SFP-10G-LR | NX-OS 4.0 (3) | NX-OS 4.0 (3) |
| | | SFP-10G-ER | NX-OS 4.2.6 | NX-OS 4.2.6 |
| | | FET-10G ² | NX-OS 5.1 | NX-OS 5.1 |
| | | SFP-H10GB-CU1M | Not supported | Not supported |
| | | SFP-H10GB-CU3M | Not supported | Not supported |
| | | SFP-H10GB-CU5M | Not supported | Not supported |
| | N7K-M108X2-12L | SFP-H10GB-ACU7M ¹ | — | NX-OS 5.1(2) |
| | | SFP-H10GB-ACU10M ¹ | | |
| | | X2-10GB-SR | NX-OS 5.0 | NX-OS 5.0 |
| | | X2-10GB-LR | | |
| | | X2-10GB-LRM | | |
| X2-10GB-ER DWDM X2 | X2-10GB-ZR | NX-OS 5.1 | NX-OS 5.1 | |
| | X2-10GB-CX4 | — | NX-OS 5.1 | |
| | X2-10GB-LX4 | | | |
| | | | | |

Table 3 Data Center and Blade Switching Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|--|--|--|-----------------------------------|----------------------------|
| | | | DOM Support | Cisco IOS or NX-OS Release |
| Cisco Nexus 7000 Series (continued) | N7K-M108X2-12L (With CVR-X2-SFP10G converter for X2 ports) | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | — | NX-OS 5.2 |
| | | SFP-10G-SR | NX-OS 5.2 | NX-OS 5.2 |
| | N7K-M132XP-12L | SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-LRM | NX-OS 5.1 | NX-OS 5.1 |
| | | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 5.1 |
| | | FET-10G ² | NX-OS 5.1 | NX-OS 5.1 |
| | | SFP-10G-ZR ¹ DWDM SFP+ | NX-OS 6.1(1) | NX-OS 6.1(1) |
| | | | | |
| | N7K-F132XP-15 | SFP-10G-SR SFP-10G-LRM SFP-10G-LR ¹ | NX-OS 5.1 | NX-OS 5.1 |
| | | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 5.1 |
| | | SFP-10G-ER | NX-OS 5.2 | NX-OS 5.2 |
| | | SFP-10G-ZR ¹ DWDM SFP+ | NX-OS 6.1(1) | NX-OS 6.1(1) |
| | | | | |
| N7K-F248XP-25 | SFP-10G-SR SFP-10G-LRM SFP-10G-LR ¹ SFP-10G-ER FET-10G ² | NX-OS 6.0 | NX-OS 6.0 | |
| | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 6.0 | |
| | SFP-10G-ZR ¹ DWDM SFP+ | NX-OS 6.1(1) | NX-OS 6.1(1) | |
| | | | | |
| | | | | |

Table 3 Data Center and Blade Switching Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|--|--|--|-----------------------------------|----------------------------|
| | | | DOM Support | Cisco IOS or NX-OS Release |
| Cisco Nexus 7000 Series (continued) | N7K-M224XP-23L | SFP-10G-SR SFP-10G-LRM SFP-10G-LR ¹ SFP-10G-ER FET-10G ² | NX-OS 6.1(1) | NX-OS 6.1(1) |
| | | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-H10GB-ACU7M SFP-H10GB-ACU10M | — | NX-OS 6.1(1) |
| | | SFP-10G-ZR ¹ DWDM SFP+ | NX-OS 6.1(1) | NX-OS 6.1(1) |
| Cisco MDS 9000 Series | Refer to: http://www.cisco.com/en/US/prod/collateral/ps4159/ps6409/ps4358/product_data_sheet09186a00801bc698.html | | | |

1. Only Version -02 or later is supported.
2. Supported for fabric links only, from a Nexus 2000 Series to a Cisco parent switch.

Table 4 Catalyst 2960, 3560, and 3750 Switch Support and Minimum Software Release Requirements

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|------------------------|--|---|-----------------------------------|-------------------|
| | | | DOM Support | Cisco IOS Release |
| Catalyst 2960-S Series | WS-C2960S-48FPD-L WS-C2960S-48LPD-L WS-C2960S-24PD-L WS-C2960S-48TD-L WS-C2960S-24TD-L | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | — | 12.2(53)SE1 |
| | | SFP-10G-SR SFP-10G-LRM SFP-10G-LR | 12.2(53)SE1 | 12.2(53)SE1 |
| Catalyst 3560-E Series | WS-C3560E-24TD WS-C3560E-24PD WS-C3560E-48TD WS-C3560E-48PD WS-C3560E-48PDF | X2-10GB-LR X2-10GB-ER X2-10GB-LX4 X2-10GB-SR X2-10GB-CX4 | 12.2(46)SE | 12.2(35)SE2 |
| | | X2-10GB-LRM | 12.2(46)SE | 12.2(40)SE |
| | | X2-10GB-ZR | 12.2(50)SE | 12.2(50)SE |
| | | DWDM X2 | 12.2(52)SE | 12.2(52)SE |

Table 4 Catalyst 2960, 3560, and 3750 Switch Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---------------------------------------|---|--|--|---|
| | | | DOM Support | Cisco IOS Release |
| Catalyst 3560-E Series (continued) | WS-C3560E-12D WS-C3560E-12SD | X2-10GB-LR X2-10GB-ER X2-10GB-LX4 X2-10GB-SR X2-10GB-CX4 X2-10GB-LRM X2-10GB-ZR DWDM X2 | 12.2(46)SE 12.2(50)SE 12.2(52)SE | 12.2(40)EX 12.2(50)SE 12.2(52)SE |
| | WS-C3560E-24TD WS-C3560E-24PD WS-C3560E-48TD WS-C3560E-48PD WS-C3560E-48PDF WS-C3560E-12D WS-C3560E-12SD (With CVR-X2-SFP10G converter for X2 ports) | SFP-10G-SR SFP-10G-LR SFP-10G-LRM SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | 12.2(55)SE1 — — | 12.2(55)SE1 12.2(55)SE1 |
| Catalyst 3560-X Series | WS-C3560X-24T WS-C3560X-48T WS-C3560X-24P WS-C3560X-48P WS-C3560X-48PF (With C3KX-NM-10G and C3KX-SM-10G uplink modules) | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER | — 12.2(53)SE 15.0(2)SE | 12.2(53)SE 12.2(53)SE 15.0(2)SE |
| Catalyst 3750 Series | WS-C3750G-16TD | XENPAK-10GB-ER C3-XENPAK10GB-LR | — | 12.2(18)SE |
| Catalyst 3750-E Series | WS-C3750E-24TD WS-C3750E-24PD WS-C3750E-48TD WS-C3750E-48PD WS-C3750E-48PDF | X2-10GB-LR X2-10GB-ER X2-10GB-LX4 X2-10GB-SR X2-10GB-CX4 X2-10GB-LRM X2-10GB-ZR DWDM X2 | 12.2(46)SE 12.2(46)SE 12.2(50)SE 12.2(52)SE | 12.2(35)SE2 12.2(40)SE 12.2(50)SE 12.2(52)SE |
| | WS-C3750E-24TD WS-C3750E-24PD WS-C3750E-48TD WS-C3750E-48PD WS-C3750E-48PDF (With CVR-X2-SFP10G converter for X2 ports) | SFP-10G-SR SFP-10G-LR SFP-10G-LRM SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | 12.2(55)SE1 — — | 12.2(55)SE1 12.2(55)SE1 |

Table 4 Catalyst 2960, 3560, and 3750 Switch Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|------------------------|---|-----------------------------|-----------------------------------|-------------------|
| | | | DOM Support | Cisco IOS Release |
| Catalyst 3750-X Series | WS-C3750X-24T | SFP-H10GB-CU1M ¹ | — | 12.2(53)SE |
| | WS-C3750X-48T | SFP-H10GB-CU3M ¹ | | |
| | WS-C3750X-24P | SFP-H10GB-CU5M ¹ | | |
| | WS-C3750X-48P | SFP-10G-SR | 12.2(53)SE | 12.2(53)SE |
| | WS-C3750X-48PF | SFP-10G-LRM | | |
| | (With C3KX-NM-10G and C3KX-SM-10G uplink modules) | SFP-10G-LR | 15.0(2)SE | 15.0(2)SE |
| Catalyst 3750-X Series | WS-C3750X-12S | SFP-H10GB-CU1M ¹ | — | 12.2(58)SE1 |
| | WS-C3750X-24S | SFP-H10GB-CU3M ¹ | | |
| | (With C3KX-NM-10G and C3KX-SM-10G uplink modules) | SFP-H10GB-CU5M ¹ | | |
| | | SFP-10G-SR | 12.2(58)SE1 | 12.2(58)SE1 |
| | | SFP-10G-LRM | | |
| | | SFP-10G-LR | | |
| | SFP-10G-ER | 15.0(2)SE | 15.0(2)SE | |

1. Only Version -02 or later is supported.

Table 5 Catalyst 4XXX Switch Support and Minimum Software Release Requirements

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|----------------------|--|-------------------|-----------------------------------|-------------|
| | | | DOM Support | Cisco IOS |
| Catalyst 4500 Series | WS-X4516-10GE | X2-10GB-CX4 | — | 12.2(25)EW |
| | | X2-10GB-LX4 | | |
| | | X2-10GB-LR | 12.2(54)SG | 12.2(25)EW |
| | | X2-10GB-SR | | |
| | | X2-10GB-ER | | |
| | | X2-10GB-LRM | 12.2(54)SG | 12.2(31)SGA |
| | | X2-10GB-ZR | 12.2(54)SG | 12.2(50)SG |
| | DWDM X2 | 12.2(50)SG | 12.2(50)SG | |
| | WS-X4516-10GE (With CVR-X2-SFP10G converter for X2 ports) | SFP-10G-SR | 12.2(54)SG | 12.2(54)SG |
| | | SFP-10G-LRM | | |
| SFP-10G-LR | | | | |
| | SFP-H10GB-CU1M ¹ | — | 12.2(54)SG | |
| | SFP-H10GB-CU3M ¹ | | | |
| | SFP-H10GB-CU5M ¹ | | | |

Table 5 Catalyst 4XXX Switch Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---|--|-----------------------------|-----------------------------------|-------------|
| | | | DOM Support | Cisco IOS |
| Catalyst 4500 series (continued) | WS-X4013+10GE | X2-10GB-CX4 | — | 12.2(25)SG |
| | | X2-10GB-LX4 | | |
| | | X2-10GB-LR | 12.2(54)SG | 12.2(25)SG |
| | | X2-10GB-SR | | |
| | | X2-10GB-ER | | |
| | | X2-10GB-LRM | 12.2(54)SG | 12.2(31)SGA |
| | WS-X4013+10GE (With CVR-X2-SFP10G converter for X2 ports) | X2-10GB-ZR | 12.2(54)SG | 12.2(50)SG |
| | | DWDM X2 | 12.2(50)SG | 12.2(50)SG |
| | | SFP-10G-SR | 12.2(54)SG | 12.2(54)SG |
| | | SFP-10G-LRM | | |
| | | SFP-10G-LR | | |
| | | SFP-H10GB-CU1M ¹ | — | 12.2(54)SG |
| | WS-X45-SUP6L-E | SFP-H10GB-CU3M ¹ | | |
| | | SFP-H10GB-CU5M ¹ | | |
| | | X2-10GB-CX4 | — | 12.2(52)XO |
| | | X2-10GB-LX4 | | |
| | | X2-10GB-LR | 12.2(54)SG | 12.2(52)XO |
| | | X2-10GB-SR | | |
| WS-X45-SUP6-E WS-X4606-X2-E | X2-10GB-ER | | | |
| | X2-10GB-LRM | | | |
| | X2-10GB-ZR | 12.2(52)XO | 12.2(52)XO | |
| | DWDM X2 | 12.2(52)XO | 12.2(52)XO | |
| | X2-10GB-CX4 | — | 12.2(40)SG | |
| | X2-10GB-LX4 | | | |
| WS-X45-SUP6-E WS-X4606-X2-E (With CVR-X2-SFP10G converter for X2 ports) | X2-10GB-LR | 12.2(54)SG | 12.2(40)SG | |
| | X2-10GB-SR | | | |
| | X2-10GB-ER | | | |
| | X2-10GB-LRM | | | |
| | X2-10GB-ZR | 12.2(54)SG | 12.2(50)SG | |
| | DWDM X2 | 12.2(50)SG | 12.2(50)SG | |
| WS-X45-SUP6-E WS-X4606-X2-E (With CVR-X2-SFP10G converter for X2 ports) | SFP-10G-SR | 12.2(54)SG | 12.2(50)SG | |
| | SFP-10G-LRM | 12.2(54)SG | 12.2(54)SG | |
| | SFP-10G-LR | | | |
| | SFP-H10GB-CU1M ¹ | — | 12.2(53)SG1 | |
| | SFP-H10GB-CU3M ¹ | | | |
| | SFP-H10GB-CU5M ¹ | | | |

Table 5 Catalyst 4XXX Switch Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|-------------------------------------|---|---|---------------------------------------|---|
| | | | DOM Support | Cisco IOS |
| Catalyst 4500 series (continued) | WS-X45-SUP6L-E (With CVR-X2-SFP10G converter for X2 ports) | SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | 12.2(54)SG 12.2(54)SG — | 12.2(52)XO 12.2(54)SG 12.2(53)SG1 |
| | WS-X4712-SFP+E WS-X45-SUP7-E | SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-10G-ER SFP-10G-ZR | 3.1.0SG — 3.2.0SG | 3.1.0SG 3.1.0SG 3.2.0SG |
| | WS-X45-SUP7L-E | SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER SFP-10G-ZR SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | 3.2.0XO — | 3.2.0XO 3.2.0XO |
| Catalyst 4500-X Series | WS-C4500X-32SFP+ WS-C4500X-F-32SFP+ WS-C4500X-40X-ES C4KX-NM-8SFP+ | SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER SFP-10G-ZR ² SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | 3.3.0SG — | 3.3.0SG 3.3.0SG |
| | WS-C4500X-16SFP+ WS-C4500X-F-16SFP+ WS-C4500X-24X-ES | SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER SFP-10G-ZR ² SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | 3.3.1SG — | 3.3.1(SG 3.3.1SG |

Table 5 Catalyst 4XXX Switch Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|--|---|-----------------------------|-----------------------------------|-------------|
| | | | DOM Support | Cisco IOS |
| Catalyst 4900 Series | WS-C4948-10GE WS-C4928-10GE | X2-10GB-CX4 | — | 12.2(25)EW |
| | | X2-10GB-LX4 | | |
| | | X2-10GB-LR | 12.2(54)SG | 12.2(25)EW |
| | | X2-10GB-SR | | |
| | | X2-10GB-ER | | |
| | | X2-10GB-LRM | 12.2(54)SG | 12.2(31)SGA |
| | | X2-10GB-ZR | 12.2(54)SG | 12.2(50)SG |
| | | DWDM X2 | 12.2(50)SG | 12.2(50)SG |
| | WS-C4948-10GE WS-C4928-10GE (With CVR-X2-SFP10G converter for X2 ports) | SFP-H10GB-CU1M ¹ | — | 12.2(54)SG |
| | | SFP-H10GB-CU3M ¹ | | |
| | | SFP-H10GB-CU5M ¹ | | |
| | | SFP-10G-SR | 12.2(54)SG | 12.2(54)SG |
| | AFP-10G-LRM | | | |
| | SFP-10G-LR | | | |
| WS-C4948E | SFP-H10GB-CU1M ¹ | — | 12.2(54)SG | |
| | SFP-H10GB-CU3M ¹ | | | |
| | SFP-H10GB-CU5M ¹ | | | |
| | SFP-10G-SR | 12.2(54)SG | 12.2(54)SG | |
| | SFP-10G-LRM | | | |
| | SFP-10G-LR | | | |
| | SFP-10G-ER | 15.0(2)SG | 15.0(2)SG | |
| | SFP-10G-ZR | | | |
| WS-C4900M WS-X4904-10GE WS-X4908-10GE | X2-10GB-CX4 | — | 12.2(40)XO or 12.2(44)SG | |
| | X2-10GB-LX4 | | | |
| | X2-10GB-LR | 12.2(54)SG | 12.2(40)XO or 12.2(44)SG | |
| | X2-10GB-SR | | | |
| | X2-10GB-ER | | | |
| | X2-10GB-LRM | | | |
| | X2-10GB-ZR | 12.2(54)SG | 12.2(50)SG | |
| | DWDM X2 | 12.2(50)SG | 12.2(50)SG | |
| WS-C4900M WS-X4904-10GE WS-X4908-10GE (With CVR-X2-SFP10G converter for X2 ports) | SFP-10G-SR | 12.2(54)SG | 12.2(50)SG | |
| | SFP-10G-LRM | 12.2(54)SG | 12.2(54)SG | |
| | SFP-10G-LR | | | |
| | SFP-H10GB-CU1M ¹ | — | 12.2(53)SG1 | |
| | SFP-H10GB-CU3M ¹ | | | |
| | SFP-H10GB-CU5M ¹ | | | |

Table 5 Catalyst 4XXX Switch Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|---|---|-------------------|-----------------------------------|-------------|
| | | | DOM Support | Cisco IOS |
| Cisco ME 4900 Series | ME-4924-10GE | X2-10GB-CX4 | — | 12.2(31)SGA |
| | | X2-10GB-LX4 | | |
| | | X2-10GB-LR | 12.2(54)SG | 12.2(31)SGA |
| | | X2-10GB-SR | | |
| | | X2-10GB-ER | | |
| | | X2-10GB-LRM | | |
| | X2-10GB-ZR | 12.2(54)SG | 12.2(50)SG | |
| | DWDM X2 | 12.2(50)SG | 12.2(50)SG | |
| ME-4924-10GE (With CVR-X2-SFP10G converter for X2 ports) | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | — | 12.2(54)SG | |
| | | | | |
| | SFP-10G-SR | 12.2(54)SG | 12.2(54)SG | |
| | SFP-10G-LRM SFP-10G-LR | | | |

1. Only Version -02 or later is supported.
2. Not supported on ports 1 to 32 (32 port chassis) or on ports 1 to 16 (16 port chassis) with back-to-front chassis airflow. Supported on ports 1 to 32 (32 port chassis) or on ports 1 to 16 (16 port chassis) with front-to-back chassis airflow. Supported on the uplink module with the chassis airflow in either direction.

Table 6 Catalyst 6XXX Switch Support and Minimum Software Release Requirements

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | | |
|----------------------|--|--|---|---|--|
| | | | Catalyst Operating System | Cisco IOS | DOM Support |
| Catalyst 6500 Series | WS-X6704-10GE WS-SUP32-10GE-3B | XENPAK-10GB-LR | 8.1(2) | 12.2(17a)SX | — |
| | | XENPAK-10GB-LR+ | 8.1(2) | 12.2(17a)SX | 12.2(18)SXE |
| | | XENPAK-10GB-LW | 8.4(4) | 12.2(18)SXE | 12.2(18)SXE |
| | | XENPAK-10GB-ER | 8.2(1) | 12.2(17a)SX | — |
| | | XENPAK-10GB-ER+ | 8.2(1) | 12.2(17a)SX | 12.2(18)SXE |
| | | XENPAK-10GB-LX4 | 8.2(1) | 12.2(17a)SX1 | — |
| | | XENPAK-10GB-SR | 8.3(1) | 12.2(17a)SX1 | — |
| | | XENPAK-10GB-CX4 | 8.3(1) | 12.2(17a)SXB1 | — |
| | | XENPAK-10GB-ZR | 8.5(1) | 12.2(18)SXF | 12.2(18)SXF |
| | | XENPAK-10GB-LRM | 8.6 | 12.2(18)SXF11 | 12.2(18)SXF11 |
| | DWDM XENPAK | 8.5(1) | 12.2(18)SXF | 12.2(18)SXF | |
| | WS-SUP32-10GE-PISA | XENPAK-10GB-LR XENPAK-10GB-LR+ XENPAK-10GB-LW XENPAK-10GB-ER XENPAK-10GB-ER+ XENPAK-10GB-LX4 XENPAK-10GB-SR XENPAK-10GB-CX4 XENPAK-10GB-ZR XENPAK-10GB-LRM DWDM XENPAK | — | 12.2(18)ZY | 12.2(18)ZY |
| | VS-S720-10G-3C VS-S720-10G-3CXL WS-X6716-10G-3C WS-X6716-10G-3CXL | X2-10GB-LR X2-10GB-SR X2-10GB-CX4 X2-10GB-ER X2-10GB-LX4 X2-10GB-LRM X2-10GB-ZR DWDM X2 X2-10GB-T | — — — | 12.2(33)SXH2 12.2(33)SXI 12.2(33)SJI1 | 12.2(33)SXH2 12.2(33)SXI — |

Table 6 Catalyst 6XXX Switch Support and Minimum Software Release Requirements (continued)

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | | |
|-------------------------------------|---|--|---|---|--|
| | | | Catalyst Operating System | Cisco IOS | DOM Support |
| Catalyst 6500 Series (continued) | WS-X6708-10G-3C WS-X6708-10G-3CXL | X2-10GB-LR X2-10GB-SR X2-10GB-CX4 X2-10GB-ER X2-10GB-LX4 X2-10GB-LRM X2-10GB-ZR DWDM X2 X2-10GB-T | — — — — — — — — — | 12.2(18)SXF5 12.2(18)SXF8 12.2(33)SXI 12.2(33)SJI1 | 12.2(18)SXF5 12.2(18)SXF8 12.2(33)SXI — |
| | VS-S720-10G-3C VS-S720-10G-3CXL WS-X6708-10G-3C WS-X6708-10G-3CXL WS-X6716-10G-3C WS-X6716-10G-3CXL (With CVR-X2-SFP10G converter for X2 ports) | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-10G-SR SFP-10G-LRM SFP-10G-LR | — — — — — — — | — 12.2(33)SXI2 12.2(33)SXI4 12.2(33)SXJ1 | 12.2(33)SXI2 12.2(33)SXI2 12.2(33)SXI4 12.2(33)SXJ1 |
| | VS-S2T-10G VS-S2T-10G-XL WS-X6816-10G-2T WS-X6816-10G-2TXL WS-X6908-10G-2T WS-X6908-10G-2TXL | X2-10GB-CX4 X2-10GB-SR X2-10GB-LRM X2-10GB-LX4 X2-10GB-LR X2-10GB-ER X2-10GB-ZR DWDM X2 | — — — — — — — — | — 12.2(50)SY | 12.2(50)SY 12.2(50)SY |
| | VS-S2T-10G VS-S2T-10G-XL WS-X6816-10G-2T WS-X6816-10G-2TXL WS-X6908-10G-2T WS-X6908-10G-2TXL (With CVR-X2-SFP10G converter for X2 ports) | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-10G-SR SFP-10G-LRM SFP-10G-LR | — — — — — — — | — 12.2(50)SY | 12.2(50)SY |
| | WS-X6904-40G-2T WS-X6904-40G-2TXL With CVR-CFP-4SFP10G FourX converter for CFP ports | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER | — — — — — — — | — 15.0(1)SY1 | 15.0(1)SY1 15.0(1)SY1 |

1. Only Version -02 or later is supported.

Table 7 Metro Ethernet Support and Minimum Software Requirements

| Platform | Switch or Module | Transceiver Model | Minimum Software Release Required | |
|----------------|--|---|--|--|
| | | | DOM Support | Cisco IOS Release |
| Cisco ME 3600X | ME-3600X-24TS-M ME-3600X-24FS-M (SFP+ ports) | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | — | 12.2(52)EY |
| | | SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER SFP-10G-ZR DWDM SFP+ | 12.2(52)EY 15.1(2)EY1 15.2(4)S | 12.2(52)EY 15.1(2)EY1 15.2(4)S |
| | ME-3600X-24CX-M | XFP-10G-MM-SR XFP10GLR192SR-RGD XFP10GLR-192SR-L XFP10GER192IR-RGD XFP10GER-192IR-L XFP10GZR192LR-RGD XFP-10GZR-OC192LR DWDM-XFP-C | 15.2(2)S | 15.2(2)S |
| Cisco ME 3800X | ME-3800X-24FS-M (SFP+ ports) | SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹ | — | 12.2(52)EY |
| | | SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER SFP-10G-ZR DWDM SFP+ | 12.2(52)EY 15.1(2)EY1 15.2(4)S | 12.2(52)EY 15.1(2)EY1 15.2(4)S |

1. Only Version -02 or later is supported.

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