CHAPTER 7

# Support Information for Cisco Switches

This chapter contains support information for Virtual Network Elements (VNEs) that manage Cisco switches in Cisco Prime Network 3.8.

This chapter contains the following topics:



**Note** For more information about the technologies described in this chapter , see Part 2 Technology Support.

# Cisco Catalyst 1900 Series Switches

This section includes the following information about Catalyst 1900 switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 1900 Series Switches.

## Catalyst 1900—Supported Software Versions

*Table 7-1 Supported Software Versions for Catalyst 1900—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| CatOS 9.00.04 | 3.7 |
| CatOS 9.00.06 | 3.7 |

## Catalyst 1900—Supported Topologies

*Table 7-2 Supported Topologies for Catalyst 1900—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.7 |
| Physical Layer | Physical Layer | 3.7 |
| LAG | LAG | 3.7 |

## Catalyst 1900—Supported Technologies

The following technologies are supported by the Catalyst 1900 in Cisco Prime Network 3.8:

# Catalyst 1900—Supported Service Events

*Table 7-3 Supported Service Events for Catalyst 1900—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.7 | Y |
| All IP Interfaces Down | 3.7 | Y |
| BGP process up | 3.7 | N |
| Card Down | 3.7 | Y |
| Card Up | 3.7 | Y |
| CPU utilization exceeded upper threshold | 3.7 | N |
| Device Unsupported | 3.7 | N |
| Layer 2 Tunnel Down | 3.7 | N |
| Link up | 3.7 | N |
| Memory utilization exceeded upper threshold | 3.7 | N |
| Module Unsupported | 3.7 | N |
| MPLS Black Hole found | 3.7 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 2900 Series Switches

This section includes the following information about Cisco Catalyst 2900 Series switches.

This section contains the following topics:

**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 2900 Series Switches.

# Cisco Catalyst 2900 Series—Supported Software Versions

*Table 7-4 Supported Software Versions for Cisco Catalyst 2900 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.0(5)WC17 | 3.6.2 |
| 12.1(22)EA8 | 3.6.2 |
| 12.1(22)EA8a | 3.6.2 |
| 12.2(25)FX | 3.6.0 |
| 12.2(25)SEE2 | 3.7.1 |
| 12.2(25)SEE3 | 3.7.1 |
| CatOS 9.00.04 | 3.6.0 |

# Cisco Catalyst 2900 Series—Supported Topologies

*Table 7-5 Supported Topologies for Cisco Catalyst 2900 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.0 |

# Cisco Catalyst 2900 Series—Supported Modules

*Table 7-6 Supported Modules for Cisco Catalyst 2900 Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-C2912-XL | 3.6.0 | 12 fixed autosensing 10/100 ports |
| WS-C2924M-XL | 3.6.0 | 24 fixed autosensing 10/100 ports 2 expansion slots |
| WS-C2948G | 3.6.0 | 48 10/100 ports and 2 fixed, gigabit interface converter (GBIC)-based 1000BASE-X uplink ports 1.5 RU switch Catalyst OS installed |
| WS-X2948 | 3.6.0 | Switching Supervisor |

# Cisco Catalyst 2900 Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 2900 Series in Cisco Prime Network 3.8:



# Cisco Catalyst 2900 Series—Supported Service Events

*Table 7-7 Supported Service Events for Cisco Catalyst 2900 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Layer 2 Tunnel Down | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| MPLS Black Hole found | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |
| fan-tray down | Prime Network 3.8 | N |

*Table 7-7 Supported Service Events for Cisco Catalyst 2900 Series—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco ME 3400 Series Ethernet Access Switches

This section includes the following information about Cisco ME 3400 Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco ME 3400 Series Ethernet Access Switches.

## Cisco ME 3400 Series—Supported Software Versions

*Table 7-8 Supported Software Versions for Cisco ME 3400 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.2(0.0.48)EY | 3.6.5[1] |
| 12.2(25)SEG | 3.6.1 |
| 12.2(35)SE | 3.6.1[2] |
| 12.2(35)SE1 | 3.6.1[3] |
| 12.2(35)SE3 | 3.6.1[4] |
| 12.2(35)SE4 | 3.6.4[5] |
| 12.2(37)SE | 3.6.3[6] |
| 12.2(37)SE1 | 3.6.4[7] |
| 12.2(44)EY | 3.6.5[8] |

*Table 7-8 Supported Software Versions for Cisco ME 3400 Series—Cisco Prime Network 3.8 (Continued)*

| Software Version | Product_Version |
|---|---|
| 12.2(44)EY4 | 3.6.5[9] |
| 12.2(44)SE | 3.6.3[10] |
| 12.2(44)SE1 | 3.6.4[11] |
| 12.2(46)SE | 3.6.4[12] |
| 12.2(50)SE | 3.6.6[13] |
| 12.2(50)SE1 | 3.7[14] |
| 12.2(52)SE | 3.6.7[15] |
| 12.2(53)SE | 3.7[16] |
| 12.3(22)S | 3.6.1[17] |
| 12.3(23) | 3.6.1[18] |
| 12.3(23)S1 | 3.6.1[19] |
| 12.3(23)S2 | 3.6.1[20] |
| 12.3(23)S3 | 3.6.1[21] |
| 12.2(54)SE | 3.7.1 |
| 12.2(55)SE | 3.7.1.0.4[22] |
| 12.2(58)SE | 3.7.2-DP-3.0 |
| 12.2(58)SE1 | 3.7.X-DP-6.0 |
| 12.2(58)SE2 | 3.7.X-DP-7.0 |

[1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 17, 18, 19, 20, 21, 22]ANA models pluggable ports for this IOS version.

[9]Tested with modified version of 12.2(44)EY ANA models pluggable ports for this IOS version.

[14, 15, 16]ANA recognizes all maintenance builds in this IOS release train.ANA models pluggable ports for this IOS version.

# Cisco ME 3400 Series—Supported Topologies

*Table 7-9 Supported Topologies for Cisco ME 3400 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.5 |
| Physical Layer | Physical Layer | 3.6.5 |

# Cisco ME 3400 Series—Supported Modules

*Table 7-10 Supported Modules for Cisco ME 3400 Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| GLC-EX-SMD | 3.6.7 | 1000BASE-EX extended SFP transceiver module |
| GLC-FE-100FX | 3.6.7 | 100BaseFX-SFP module for 100 MB ports,1310 -nm wavelenght ,2 Km over MMF |
| GLC-FE-100LX | 3.6.7 | 100BaseLX10-SFP module for 100 MB ports,1310 -nm wavelenght ,10 Km over SMF |
| GLC-LH-SM | 3.6.4 | 1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength |
| GLC-ZX-SM | 3.7 | Contains a Class 1 laser of 1550 nm for 1000BASE-ZX (extended wavelength) applications |
| ME340X-PWR-AC | 3.6.7 | AC power supply and fan module for ME-3400E-24TS-M and ME-3400EG-12CS-M |
| SFP-GE-L | 3.6.4 | 1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support |
| SFP-GE-S | 3.6.7 | 1000BASE-Sx Short wavelength gigabit ethernet SFP. |
| SFP-GE-Z | 3.6.7 | 1000BASE-Zx Extended reach gigabit ethernet SFP. |
| GLC-BX-D | 3.7.1 | 1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength |
| GLC-BX-U | 3.7.1 | 1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1490-nm RX wavelength |

# Cisco ME 3400 Series—Supported Technologies

The following technologies are supported by the Cisco ME 3400 Series in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- Security, page 7-121
- Hardware, page 7-122
- Serial, page 7-125
- Additional Technologies, page 7-126
- LLDP, page 7-128
- CDP, page 7-129
- Discovery Protocol, page 7-130
- Ethernet OAM, page 7-130

# Cisco ME 3400 Series—Supported Service Events

*Table 7-11 Supported Service Events for Cisco ME 3400 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.1 | Y |
| All IP Interfaces Down | 3.6.1 | Y |
| Card Down | 3.6.1 | Y |
| Card Up | 3.6.1 | Y |
| CPU utilization exceeded upper threshold | 3.6.1 | N |
| Device Unsupported | 3.6.1 | Y |
| Link down due to admin down | 3.6.1 | N |
| Link down due to oper down | 3.6.1 | N |
| Link up | 3.6.1 | N |
| Memory utilization exceeded upper threshold | 3.6.1 | N |
| Module Unsupported | 3.6.1 | Y |
| MPLS Black Hole found | 3.6.1 | N |
| Pluggable transceiver out | Prime Network 3.8 | N |
| Rep port role change | Prime Network 3.8 | Y |

# Cisco Catalyst 3500 XL Series Switches

This section includes the following information about Cisco Catalyst 3500 XL Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 3500 XL Series Switches.

# Cisco Catalyst 3500 XL Series—Supported Software Versions

*Table 7-12 Supported Software Versions for Cisco Catalyst 3500 XL Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| Cat IOS 12.0(5)WC9a | 3.6.0 |

# Cisco Catalyst 3500 XL Series—Supported Topologies

*Table 7-13 Supported Topologies for Cisco Catalyst 3500 XL Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.2 |

# Cisco Catalyst 3500 XL Series—Supported Modules

*Table 7-14 Supported Modules for Cisco Catalyst 3500 XL Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| C3K-BLWR-60CFM | 3.6.4 | Fan Module for the Catalyst 3750-E and 3560-E Series |

# Cisco Catalyst 3500 XL Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 3500 XL Series in Cisco Prime Network 3.8:


- IP, page 7-92
- Ethernet, page 7-98
- Hardware, page 7-122
- Serial, page 7-125
- CDP, page 7-129
- Discovery Protocol, page 7-130

# Cisco Catalyst 3500 XL Series—Supported Service Events

*Table 7-15 Supported Service Events for Cisco Catalyst 3500 XL Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Layer 2 Tunnel Down | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| MPLS Black Hole found | 3.6.0 | N |
| Rx utilization exceeded upper threshold | 3.6.0 | N |
| Tx utilization exceeded upper threshold | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 3550 Series Switches

This section includes the following information about Cisco Catalyst 3550 Series switches.

This section contains the following topics:

**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 3550 Series Switches.

# Cisco Catalyst 3550 Series—Supported Software Versions

*Table 7-16 Supported Software Versions for Cisco Catalyst 3550 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.1(11)EA | 3.6.1 |
| 12.1(12c)EA1 | 3.6.1 |
| 12.1(13)EA | 3.6.1 |
| 12.1(14)AX3 | 3.6.1 |
| 12.1(14)EA1 | 3.6.1 |
| 12.1(19)EA | 3.6.1 |
| 12.1(20)EA | 3.6.1 |
| 12.1(22)EA | 3.6.1 |
| 12.1(22)EA6 | 3.6.1 |
| 12.1(22)EA8a | 3.6.1 |

# Cisco Catalyst 3550 Series—Supported Topologies

*Table 7-17 Supported Topologies for Cisco Catalyst 3550 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.0 |

# Cisco Catalyst 3550 Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 3550 Series in Cisco Prime Network 3.8:

# Cisco Catalyst 3550 Series—Supported Service Events

*Table 7-18 Supported Service Events for Cisco Catalyst 3550 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| Card Down | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| IMA Operationally down | 3.6.0 | N |
| Link down due to admin down | 3.6.0 | N |
| Link down due to oper down | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| MLPPP Up | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| MPLS Black Hole found | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 3560 Series Switches

This section includes the following information about Cisco Catalyst 3560 Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 3560 Series Switches.

## Cisco Catalyst 3560 Series—Supported Software Versions

*Table 7-19 Supported Software Versions for Cisco Catalyst 3560 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.1(13)EA1a | 3.6.0 |
| 12.1(14)EA1a | 3.6.0 |
| 12.1(22)EA1 | 3.6.2 |
| 12.1(22)EA5 | 3.6.1 |
| 12.1(22)EA8a | 3.6.1 |
| 12.1(25)EW | 3.6.0 |
| 12.1(6)EA1a | 3.6.0 |
| 12.2(25)SEC | 3.6.2 |
| 12.2(25)SEC2 | 3.6.2 |
| 12.2(25)SED | 3.6.0 |
| 12.2(25)SEE2 | 3.6.1 |

## Cisco Catalyst 3560 Series—Supported Topologies

*Table 7-20 Supported Topologies for Cisco Catalyst 3560 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |

*Table 7-20 Supported Topologies for Cisco Catalyst 3560 Series—Cisco Prime Network 3.8 (Continued)*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.0 |

# Cisco Catalyst 3560 Series—Supported Modules

*Table 7-21 Supported Modules for Cisco Catalyst 3560 Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| C3K-BLWR-60CFM | 3.6.4 | Fan Module for the Catalyst 3750-E and 3560-E Series |
| WS-C3560-24PS | 3.6.1 | 24 Ethernet 10/100 ports and 2 SFP-based Gigabit Ethernet ports |
| WS-C3560-48PS | 3.6.0 | 48 Ethernet 10/100 ports and 4 SFP-based Gigabit Ethernet ports |
| WS-C3560-48TS | 3.6.2 | 48 Ethernet 10/100 ports and 4 SFP-based Gigabit Ethernet ports |
| WS-C3560G-24PS | 3.6.1 | 24 Ethernet 10/100/1000 ports and 4 SFP-based Gigabit Ethernet ports |
| WS-C3560G-24TS | 3.6.1 | 24 Ethernet 10/100/1000 ports and 4 SFP-based Gigabit Ethernet ports |
| WS-C3560G-48PS | 3.6.1 | 48 Ethernet 10/100/1000 ports and 4 SFP-based Gigabit Ethernet ports |
| WS-C3560G-48TS | 3.6.0 | 48 Ethernet 10/100/1000 ports and 4 SFP-based Gigabit Ethernet ports |

# Cisco Catalyst 3560 Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 3560 Series in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- VPN (VRF), page 7-118
- Hardware, page 7-122
- Serial, page 7-125
- Additional Technologies, page 7-126
- CDP, page 7-129

- Discovery Protocol, page 7-130

# Cisco Catalyst 3560 Series—Supported Service Events

*Table 7-22 Supported Service Events for Cisco Catalyst 3560 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Keepalive configured | 3.6.0 | N |
| Keepalive not configured | 3.6.0 | N |
| Layer 2 Tunnel Down | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| MPLS Black Hole found | 3.6.0 | N |
| Rx utilization exceeded upper threshold | 3.6.0 | N |
| Tx utilization exceeded upper threshold | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |
| pluggable transceiver out | Prime Network 3.8 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 3750 Series Switches

This section includes the following information about Cisco 3750 Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 3750 Series Switches.

## Cisco 3750 Series—Supported Software Versions

*Table 7-23 Supported Software Versions for Cisco 3750 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.2(25)EY3 | 3.6.0 |
| 12.2(25)SEC2 | 3.6.2 |
| 12.2(52)SE | 3.6.7 |
| 12.2(50)SE | 3.6.7 |

## Cisco 3750 Series—Supported Topologies

*Table 7-24 Supported Topologies for Cisco 3750 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.2 |

## Cisco 3750 Series—Supported Technologies

The following technologies are supported by the Cisco 3750 Series in Cisco Prime Network 3.8:

- LLDP, page 7-128
- CDP, page 7-129
- Discovery Protocol, page 7-130

# Cisco 3750 Series—Supported Service Events

*Table 7-25 Supported Service Events for Cisco 3750 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Layer 2 Tunnel Down | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| MPLS Black Hole found | 3.6.0 | N |
| Rx utilization exceeded upper threshold | 3.6.0 | N |
| Tx utilization exceeded upper threshold | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |

# Cisco Catalyst 3750 Metro Series Switches

This section includes the following information about Cisco Catalyst 3750 Metro Series switches.

This section contains the following topics:

- Cisco Catalyst 3750 Metro Series—Supported Software Versions, page 7-19
- Cisco Catalyst 3750 Metro Series—Supported Topologies, page 7-19
- Cisco Catalyst 3750 Metro Series—Supported Modules, page 7-20
- Cisco Catalyst 3750 Metro Series—Supported Technologies, page 7-20
- Cisco Catalyst 3750 Metro Series—Supported Service Events, page 7-21

**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 3750 Metro Series Switches.

# Cisco Catalyst 3750 Metro Series—Supported Software Versions

*Table 7-26 Supported Software Versions for Cisco Catalyst 3750 Metro Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.2(25)EY* | 3.6.3[1] |
| 12.2(25)EY3 | 3.6.3[2] |
| 12.2(25)SEB4 | 3.6.3[3] |
| 12.2(25)SEG1 | 3.6.3[4] |
| 12.2(35)SE | 3.6.3[5] |
| 12.2(37)SE* | 3.6.3[6] |
| 12.2(37)SE1 | 3.6.3[7] |
| 12.2(40)SE | 3.6.3[8] |
| 12.2(44)SE1 | 3.6.3[9] |
| 12.2(46)SE | 3.6.4[10] |
| 12.2(50)SE | 3.6.6[11] |
| 12.2(52)SE | 3.6.7[12] |
| 12.2(53)SE | 3.7[13] |
| 12.2(54)SE | 3.7.1[14] |
| 12.2(55)SE | 3.7.1.0.4[15] |
| 12.2(58)SE | 3.7.2-DP-3.0 |
| 12.2(58)SE1 | 3.7.X-DP-6.0 |

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10] ANA models pluggable ports for this IOS version.

[11, 12, 13, 14, 15] ANA recognizes all maintenance builds in this IOS release train.ANA models pluggable ports for this IOS version.

# Cisco Catalyst 3750 Metro Series—Supported Topologies

*Table 7-27 Supported Topologies for Cisco Catalyst 3750 Metro Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| BGP | BGP | 3.6.0 |

*Table 7-27 Supported Topologies for Cisco Catalyst 3750 Metro Series—Cisco Prime Network 3.8 (Continued)*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.5 |
| MPLS | MPLS | 3.6.0 |
| PPP/HDLC | PPP or HDLC | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.5 |

# Cisco Catalyst 3750 Metro Series—Supported Modules

*Table 7-28 Supported Modules for Cisco Catalyst 3750 Metro Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CATALYST375024ME | 3.6.0 | Metro Ethernet Catalyst 3750 Module. 24-10/100 + 2 SFP (Small Formfactor Pluggable) ports for downlinks |
| GLC-EX-SMD | 3.6.7 | 1000BASE-EX extended SFP transceiver module |
| GLC-LH-SM | 3.6.5 | 1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength |
| ME-C3750-24TE-FAN 0 | 3.7[1] | Fan Module for ME-C3750-24TE |
| PWR-ME3750-AC | 3.7 | Primary AC power supply |
| PWR-ME3750-DC | 3.7 | Primary DC power supply |
| SFP-GE-L | 3.6.5 | 1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support |

[1]Tested by John C (Refer bug CSCtg86953)

# Cisco Catalyst 3750 Metro Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 3750 Metro Series in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- MPLS, page 7-115
- MPLS-TE, page 7-116
- VPN (VRF), page 7-118
- PWE3, page 7-120

# Cisco Catalyst 3750 Metro Series—Supported Service Events

*Table 7-29 Supported Service Events for Cisco Catalyst 3750 Metro Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | Y |
| Keepalive configured | 3.7 | N |
| Keepalive not configured | 3.7 | N |
| Layer 2 Tunnel Down | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | Y |
| MPLS Black Hole found | 3.6.0 | N |
| Pluggable transceiver out | Prime Network 3.8 | N |
| Rep port role change | Prime Network 3.8 | Y |

*Table 7-29 Supported Service Events for Cisco Catalyst 3750 Metro Series—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Rx utilization exceeded upper threshold | 3.6.0 | N |
| Tx utilization exceeded upper threshold | 3.6.0 | N |

# Cisco Catalyst 4000 Series Switches

This section includes the following information about Cisco Catalyst 4000 Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 4000 Series Switches.

## Cisco Catalyst 4000 Series—Supported Software Versions

*Table 7-30 Supported Software Versions for Cisco Catalyst 4000 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| IOS 12.1(12c)EW1 | 3.6.0[1] |
| IOS 12.2(20)EWA1 | 3.6.0[2] |
| IOS 12.2(25)SG | 3.6.0[3] |
| IOS 12.2(31)SGA2 | 3.6.2[4] |
| IOS 12.2(50)SG1 | 3.6.7[5] |
| IOS 12.2(52)SG | 3.6.7[6] |
| IOS 12.2(53)SG | 3.7[7] |

[1, 2, 3, 4] ANA models pluggable ports for this IOS version.

[5, 6, 7] ANA recognizes all maintenance builds in this IOS release train.ANA models pluggable ports for this IOS version.

# Cisco Catalyst 4000 Series—Supported Topologies

*Table 7-31 Supported Topologies for Cisco Catalyst 4000 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.2 |

# Cisco Catalyst 4000 Series—Supported Modules

*Table 7-32 Supported Modules for Cisco Catalyst 4000 Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CWDM-SFP-1470 | 3.6.0 | CWDM SFP 1470 nm, Gigabit Ethernet and 1G/2G FC |
| CWDM-SFP-1490 | 3.6.0 | CWDM SFP 1490 nm, Gigabit Ethernet and 1G/2G FC |
| CWDM-SFP-1510 | 3.6.0 | CWDM SFP 1510 nm, Gigabit Ethernet and 1G/2G FC |
| CWDM-SFP-1530 | 3.6.0 | CWDM SFP 1530 nm, Gigabit Ethernet and 1G/2G FC |
| CWDM-SFP-1550 | 3.6.0 | CWDM SFP 1550 nm, Gigabit Ethernet and 1G/2G FC |
| CWDM-SFP-1570 | 3.6.0 | CWDM SFP 1570 nm, Gigabit Ethernet and 1G/2G FC |
| CWDM-SFP-1590 | 3.6.0 | CWDM SFP 1590 nm, Gigabit Ethernet and 1G/2G FC |
| CWDM-SFP-1610 | 3.6.0 | CWDM SFP 1610 nm, Gigabit Ethernet and 1G/2G FC |
| WS-U4504-FX-MT | 3.6.0 | FE Uplink Daughter Card, 4-port 100FX (MTRJ) |
| WS-X4014 | 3.6.0 | Catalyst 4006 Supervisor 3, Spare |
| WS-X4124-FX-MT | 3.6.0 | FE Switching Module, 24-port 100FX (MTRJ) |
| WS-X4148-FX-MT | 3.6.0 | FE Switching Module, 48-100FX MMF (MTRJ) |
| WS-X4148-RJ | 3.6.0 | 10/100 Fast Ethernet Module, 48 Ports (RJ-45) |
| WS-X4148-RJ21 | 3.6.0 | Telco switch module, 48-port 10/100 (4xRJ21) |
| WS-X4148-RJ45V | 3.6.0 | Inline Power 10/100, 48-port (RJ45) |
| WS-X4232-GB-RJ | 3.6.0 | E/FE/GE Module, 2-GE (GBIC), 32-10/100 FE (RJ-45) |

*Table 7-32 Supported Modules for Cisco Catalyst 4000 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-X4232-RJ-XX | 3.6.0 | FE Base Module, 32-10/100(RJ45)+ Modular Uplink slot |
| WS-X4248-RJ21V | 3.6.0 | 48-port PoE 10/100 BASE-TX switching module |
| WS-X4248-RJ45V | 3.6.0 | 48-port PoE 10/100BASE-TX switching module |
| WS-X4302-GB | 3.6.0 | 2-port 1000BASE-X (GBIC) Gigabit Ethernet |
| WS-X4306-GB | 3.6.0 | Gigabit Ethernet Module, 6 Ports (GBIC) |
| WS-X4412-2GB-T | 3.6.0 | GE Module, 12-1000T (RJ45)+2-1000X (GBIC Slot) |
| WS-X4418-GB | 3.6.0 | GE Module, Server Switching 18 Ports (GBIC) |
| WS-X4424-GB-RJ45 | 3.6.0 | 24-port 10/100/1000BASE-T Gigabit Ethernet switching module |
| WS-X4424-GB-RJ-45 | 3.6.0 | 24 port 10/100/1000 Auto-Sensing Module (RJ45) |
| WS-X4448-GB-LX | 3.6.0 | 48-port 1000BASE-LX (SFP included) Gigabit Ethernet switching module |
| WS-X4448-GB-RJ45 | 3.6.0 | 48 port 10/100/1000 Auto-Sensing Module (RJ45) |
| WS-X4548-GB-RJ45 | 3.6.0 | 48-port Gigabit Ethernet 10/100/1000BASE-T switching module |
| WS-X4548-GB-RJ45V | 3.6.0 | 48-port PoE 10/100/1000BASE-T switching module |

# Cisco Catalyst 4000 Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 4000 Series in Cisco Prime Network 3.8:


- IP, page 7-92
- Ethernet, page 7-98
- Hardware, page 7-122
- Serial, page 7-125
- CDP, page 7-129
- Discovery Protocol, page 7-130


# Cisco Catalyst 4000 Series—Supported Service Events

*Table 7-33 Supported Service Events for Cisco Catalyst 4000 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |

*Table 7-33 Supported Service Events for Cisco Catalyst 4000 Series—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card In | 3.6.0 | Y |
| Card Out | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Keepalive configured | 3.6.0 | N |
| Keepalive not configured | 3.6.0 | N |
| Layer 2 Tunnel Down | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| MPLS Black Hole found | 3.6.0 | N |
| Rx utilization exceeded upper threshold | 3.6.0 | N |
| Tx utilization exceeded upper threshold | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 4500 Series Switches

This section includes the following information about Cisco Catalyst 4500 Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 4500 Series Switches.

## Cisco Catalyst 4500 Series—Supported Software Versions

*Table 7-34 Supported Software Versions for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.1(13)EW | 3.6.0 |
| 12.2(20)EWA | 3.6.0[1] |
| 12.2(25)EWA14 | 3.6.6[2] |
| 12.2(31)SGA2 | 3.6.2[3] |
| 12.2(50)SG1 | 3.6.7[4] |
| 12.2(52)SG | 3.6.6[5] |
| 12.2(52)XO | 3.6.7[6] |
| 12.2(53)SG | 3.7[7] |
| 12.1(12c)EW1 | 3.6.0[8] |
| 12.2(20)EWA1 | 3.6.0[9] |
| 12.2(25)SG | 3.6.0[10] |
| 12.2(54)SG | 3.7.1 |
| 12.2(53)SG1 | 3.7.1 |
| 12.2(53)SG2 | 3.7.1 |
| 12.2(53)SG3 | ANA-3.7.2-DP1 |
| 12.2(53)SG4 | ANA-3.7.2-DP2 |
| 15.0(2)SG | ANA-3.7.2-DP4 |

*Table 7-34 Supported Software Versions for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8 (Continued)*

| Software Version | Product_Version |
|---|---|
| 3.2.0SG | ANA-3.7.2-DP4 |

[1, 2, 3, 6, 8, 9, 10]ANA models pluggable ports for this IOS version.

[4, 5, 7]ANA recognizes all maintenance builds in this IOS release train.ANA models pluggable ports for this IOS version.

# Cisco Catalyst 4500 Series—Supported Topologies

*Table 7-35 Supported Topologies for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |
| Framerelay | Framerelay | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.2 |

# Cisco Catalyst 4500 Series—Supported Modules

*Table 7-36 Supported Modules for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CWDM-SFP-1550 | 3.7 | CWDM 1550 NM SFP Gigabit Ethernet and 1G/2G FC |
| DWDM-X2-30.33= | 3.7 | 10GBASE-DWDM 1530.33 nm X2 (100-GHz ITU grid) |
| DWDM-X2-31.12= | 3.7 | 10GBASE-DWDM 1531.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-31.90= | 3.7 | 10GBASE-DWDM 1531.90 nm X2 (100-GHz ITU grid) |
| DWDM-X2-32.68= | 3.7 | 10GBASE-DWDM 1532.68 nm X2 (100-GHz ITU grid) |
| DWDM-X2-34.25= | 3.7 | 10GBASE-DWDM 1534.25 nm X2 (100-GHz ITU grid) |
| DWDM-X2-35.04= | 3.7 | 10GBASE-DWDM 1535.04 nm X2 (100-GHz ITU grid) |

*Table 7-36 Supported Modules for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| DWDM-X2-35.82= | 3.7 | 10GBASE-DWDM 1535.82 nm X2 (100-GHz ITU grid) |
| DWDM-X2-36.61= | 3.7 | 10GBASE-DWDM 1536.61 nm X2 (100-GHz ITU grid) |
| DWDM-X2-38.19= | 3.7 | 10GBASE-DWDM 1538.19 nm X2 (100-GHz ITU grid) |
| DWDM-X2-38.98= | 3.7 | 10GBASE-DWDM 1538.98 nm X2 (100-GHz ITU grid) |
| DWDM-X2-39.77= | 3.7 | 10GBASE-DWDM 1539.77 nm X2 (100-GHz ITU grid) |
| DWDM-X2-40.56= | 3.7 | 10GBASE-DWDM 1540.56 nm X2 (100-GHz ITU grid) |
| DWDM-X2-42.14= | 3.7 | 10GBASE-DWDM 1542.14 nm X2 (100-GHz ITU grid) |
| DWDM-X2-42.94= | 3.7 | 10GBASE-DWDM 1542.94 nm X2 (100-GHz ITU grid) |
| DWDM-X2-43.73= | 3.7 | 10GBASE-DWDM 1543.73 nm X2 (100-GHz ITU grid) |
| DWDM-X2-44.53= | 3.7 | 10GBASE-DWDM 1544.53 nm X2 (100-GHz ITU grid) |
| DWDM-X2-46.12= | 3.7 | 10GBASE-DWDM 1546.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-46.92= | 3.7 | 10GBASE-DWDM 1546.92 nm X2 (100-GHz ITU grid) |
| DWDM-X2-47.72= | 3.7 | 10GBASE-DWDM 1547.72 nm X2 (100-GHz ITU grid) |
| DWDM-X2-48.51= | 3.7 | 10GBASE-DWDM 1548.51 nm X2 (100-GHz ITU grid) |
| DWDM-X2-50.12= | 3.7 | 10GBASE-DWDM 1550.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-50.92= | 3.7 | 10GBASE-DWDM 1550.92 nm X2 (100-GHz ITU grid) |
| DWDM-X2-51.72= | 3.7 | 10GBASE-DWDM 1551.72 nm X2 (100-GHz ITU grid) |
| DWDM-X2-52.52= | 3.7 | 10GBASE-DWDM 1552.52 nm X2 (100-GHz ITU grid) |
| DWDM-X2-54.13= | 3.7 | 10GBASE-DWDM 1554.13 nm X2 (100-GHz ITU grid) |
| DWDM-X2-54.94= | 3.7 | 10GBASE-DWDM 1554.94 nm X2 (100-GHz ITU grid) |

*Table 7-36 Supported Modules for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| DWDM-X2-55.75= | 3.7 | 10GBASE-DWDM 1555.75 nm X2 (100-GHz ITU grid) |
| DWDM-X2-56.55= | 3.7 | 10GBASE-DWDM 1556.55 nm X2 (100-GHz ITU grid) |
| DWDM-X2-58.17= | 3.7 | 10GBASE-DWDM 1558.17 nm X2 (100-GHz ITU grid) |
| DWDM-X2-58.98= | 3.7 | 10GBASE-DWDM 1558.98 nm X2 (100-GHz ITU grid) |
| DWDM-X2-59.79= | 3.7 | 10GBASE-DWDM 1559.79 nm X2 (100-GHz ITU grid) |
| DWDM-X2-60.61= | 3.7 | 10GBASE-DWDM 1560.61 nm X2 (100-GHz ITU grid) |
| GLC-BX-D | 3.7 | 1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength. |
| GLC-BX-U | 3.7 | 1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1490-nm RX wavelength, single LC/PC connector |
| GLC-FE-100BX-D | 3.7 | 1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength, single LC/PC connector |
| GLC-FE-100BX-U | 3.7 | 100BASE-BX10-U SFP |
| GLC-FE-100FX | 3.7 | 100BASE-FX SFP for FE port |
| GLC-FE-100LX | 3.7 | 100BASE-LX SFP for FE port |
| GLC-FE-100ZX | 3.7 | 100BASE-ZX SFP module for 100-MB ports, and 1550 nm wavelength, 80 km over SMF. |
| GLC-LH-SM | 3.6.7 | Transceiver module - SFP - Gigabit EN - 1000Base-LX, 1000Base-LH - 1300 nm |
| GLC-SX-MM | 3.7 | Transceiver module - SFP - Gigabit EN - 1000Base-SX - 850 nm |
| GLC-ZX-SM | 3.6.7 | 1000BASE-ZX SFP |
| PWR-C45-1300ACV | 3.6.4 | Cisco Catalyst 4500 Series 1300W AC power supply (with integrated PoE) |
| PWR-C45-1400DC | 3.6.7 | Cisco Catalyst 4500 Series triple input 1400W DC power supply (data only) |
| PWR-C45-1400DC-P | 3.7 | Cisco Catalyst 4500 Series 1400W DC power supply with integrated power entry module (PEM) |
| PWR-C45-2800ACV | 3.6.7 | Cisco Catalyst 4500 Series 2800W AC power supply (with integrated PoE) |
| WS-G5483 | 3.7 | Cisco Catalyst 4500 1400 WDC Power Supply with PEM (PoE) |

*Table 7-36 Supported Modules for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-U4504-FX-MT | 3.6.0 | FE Uplink Daughter Card, 4-port 100FX (MTRJ) |
| WS-X4013+ | 3.6.0 | Cisco Catalyst 4500 Series Supervisor Engine II-Plus |
| WS-X4013+10GE | 3.7 | Cisco Catalyst 4500 Series Supervisor Engine II-Plus-10GE |
| WS-X4013+TS | 3.6.0 | Cisco Catalyst 4500 Series Supervisor Engine II-Plus-TS, twelve 10/100/1000 PoE (RJ-45) and eight 1000-X SFP ports included on supervisor-engine faceplate |
| WS-X4014 | 3.6.0 | Catalyst 4500 Supervisor II-Plus (IOS), 2GE,Console(RJ-45) |
| WS-X4124-FX-MT | 3.6.0 | FE Switching Module, 24-port 100FX (MTRJ) |
| WS-X4124-RJ45 | 3.6.0 | Supervisor Engine III |
| WS-X4148-FE-BD-LC | 3.6.0 | 24-Port 100BASE-FX Fast Ethernet Switching Module |
| WS-X4148-FE-LX-MT | 3.6.0 | 24-Port 10/100BASE-TX Fast Ethernet Switching Module |
| WS-X4148-FX-MT | 3.6.0 | FE Switching Module, 48-100FX MMF (MTRJ) |
| WS-X4148-RJ | 3.6.0 | Cisco Catalyst 4500 10/100 Auto Module, 48-Port (RJ-45) |
| WS-X4148-RJ21 | 3.6.0 | Telco switch module, 48-port 10/100 (4xRJ21) |
| WS-X4148-RJ45V | 3.6.0 | Inline Power 10/100, 48-port (RJ45) |
| WS-X4224-RJ45V | 3.6.0 | Catalyst 4500 10/100 Module, 48-Ports Telco (4xRJ21) |
| WS-X4232-GB-RJ | 3.6.0 | 10/100BASE-TX Fast Ethernet switching module with Cisco pre-standard PoE |
| WS-X4232-L3 | 3.6.0 | Catalyst 4500 10/100 PoE 802.3af 24-ports (RJ45) |
| WS-X4232-RJ-XX | 3.6.0 | Catalyst 4500 32-10/100 (RJ-45),2-GE(GBIC) |
| WS-X4248-FE-SFP | 3.6.0 | Layer 3 Services Module |
| WS-X4248-RJ21V | 3.6.0 | Catalyst 4500 10/100 Module,32-ports(RJ45)+Modular uplinks |
| WS-X4248-RJ45V | 3.6.0 | Catalyst 4500 48-Port 100BASE-X (SFPs Optional) |
| WS-X4302-GB | 3.6.0 | Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ21) |
| WS-X4306-GB | 3.6.0 | Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45) |
| WS-X4412-2GB-T | 3.6.0 | Catalyst 4500 Gigabit Ethernet Module, 2-Ports (GBIC) |
| WS-X4418-GB | 3.6.0 | Catalyst 4500 Gigabit Ethernet Module, 6-Ports (GBIC) |

*Table 7-36 Supported Modules for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-X4424-GB-RJ45 | 3.6.0 | 1000BASE-T plus 1000BASE-X Gigabit Ethernet switching module |
| WS-X4448-GB-LX | 3.6.0 | Catalyst 4500 GE Module, Server Switching 18-Ports (GBIC) |
| WS-X4448-GB-RJ45 | 3.6.0 | Catalyst 4500 24-port 10/100/1000 Module (RJ45) |
| WS-X4448-GB-SFP | 3.6.0 | 1000BASE-X Gigabit Ethernet switching module |
| WS-X4506-GB-T | 3.6.0 | Catalyst 4500 48-Port 10/100/1000 Module (RJ45) |
| WS-X4515 | 3.6.0 | Catalyst 4500 48-Port 1000Base-X (SFPs Optional) |
| WS-X4516 | 3.6.0 | Catalyst 4500 6-Port 10/100/1000 PoE or SFP (Optional) |
| WS-X4516-10GE | 3.6.0 | Catalyst 4500 Supervisor IV (2 GE),Console(RJ-45) |
| WS-X4524-GB-RJ45V | 3.6.0 | Catalyst 4500 Supervisor V (2 GE),Console(RJ-45) |
| WS-X4548-GB-RJ45 | 3.6.0 | Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP) |
| WS-X4548-GB-RJ45V | 3.6.0 | Catalyst 4500 PoE 802.3af 10/ 100/1000 24-ports (RJ45) |
| WS-X45-SUP6-E | 3.6.7 | Catalyst 4500 Enhanced 48-Port 10/100/1000 Base-T (RJ-45) |
| WS-X45-SUP6L-E | 3.6.7 | Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45) |
| WS-X4604-GWY | 3.6.0 | Catalyst 4000 Access Gateway Module |
| WS-X4606-X2-E | 3.6.7 | Cisco 4506 Power supply module |
| WS-X4624-SFP-E | 3.6.7 | 1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength |
| WS-X4648-RJ45V+E | 3.7 | Cisco Catalyst 4500 E-Series 48-Port 802.3af PoE and PoEP-ready 10/100/1000 (RJ-45) |
| WS-X4648-RJ45V-E | 3.7 | Cisco Catalyst 4500 E-Series 48-port 802.3af PoE 10/100/1000 (RJ-45) |
| X2-10GB-CX4 | 3.7 | 10 Gigabit Ethernet X2 with Copper Wire (Data and PoE) |
| X2-10GB-ER | 3.6.7 | Catalyst 4500 E-Series Sup 6-E, 2x10GE(X2) w/Twin Gig |
| X2-10GB-LR | 3.6.7 | Catalyst 4500 E-Series Sup 6L-E, 2x10GE(X2) w/Twin Gig |
| X2-10GB-LRM | 3.7 | 10GBASE-LRM X2 transceiver module for MMF, 1310-nm wavelength, SC duplex connector |
| X2-10GB-LX4 | 3.7 | 10GBASE-LX4 X2 transceiver module for MMF, 1310-nm wavelength, SC duplex connector |

*Table 7-36 Supported Modules for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| X2-10GB-SR | 3.7 | 10GBASE-ER X2 transceiver module for SMF, 1550-nm wavelength, SC duplex connector |
| X2-10GB-ZR | 3.7 | 10GBASE-LR Serial 1310-nm long-reach, single-mode fiber (SMF), dispersion-shifted fiber (DSF) |
| WS-X4597-E | 3.7[1] | Catalyst 4507R-E Fan Tray |
| WS-X45-SUP7-E | ANA-3.7.2-DP4 | Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports |
| WS-X4712-SFP+E | ANA-3.7.2-DP4 | 10GE SFP+ with 12 SFP+ ports |
| WS-X4612-SFP-E | ANA-3.7.2-DP4 | 1000BaseX (SFP) with 12 SFP Ports Jumbo Frame Support |
| WS-X4640-CSFP-E | ANA-3.7.2-DP4 | 1000BaseX with 40-port SFP/80-port C-SFP Jumbo Frame Support |

[1]Tested by John C(PLM).Refer bug-CSCtg86953

# Cisco Catalyst 4500 Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 4500 Series in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- VPN (VRF), page 7-118
- Security, page 7-121
- Hardware, page 7-122
- Serial, page 7-125
- LLDP, page 7-128
- CDP, page 7-129
- Discovery Protocol, page 7-130

# Cisco Catalyst 4500 Series—Supported Service Events

*Table 7-37 Supported Service Events for Cisco Catalyst 4500 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card In | 3.6.0 | Y |
| Card Out | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Dropped packet rate exceeded upper threshold | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |
| pluggable transceiver out | Prime Network 3.8 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 4900 Series Switches

This section includes the following information about Cisco Catalyst 4900 Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 4900 Series Switches.

## Cisco Catalyst 4900 Series—Supported Software Versions

*Table 7-38 Supported Software Versions for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| IOS 12.2(25)EWA | 3.6.3[1] |
| IOS 12.2(25)EWA2 | 3.6.3[2] |
| IOS 12.2(25)EWA4 | 3.6.2[3] |
| IOS 12.2(25)EWA6 | 3.6.2[4] |
| IOS 12.2(31)SG | 3.6.1[5] |
| IOS 12.2(31)SGA1 | 3.6.1[6] |
| IOS 12.2(50)SG | 3.7[7] |
| IOS 12.2(52)SG | 3.6.6[8] |
| IOS 12.2(53)SG | 3.7[9] |
| IOS 12.2(54)SG | 3.7.1 |
| IOS 12.2(53)SG1 | 3.7.1 |
| IOS 12.2(53)SG4 | ANA-3.7.2-DP2 |
| IOS 15.0(2)SG | ANA-3.7.2-DP4 |

[1, 2, 3, 4, 5, 6] ANA models pluggable ports for this IOS version.

[7, 8, 9] ANA recognizes all maintenance builds in this IOS release train.ANA models pluggable ports for this IOS version.

# Cisco Catalyst 4900 Series—Supported Topologies

*Table 7-39 Supported Topologies for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.1 |
| Physical Layer | Physical Layer | 3.6.1 |
| LAG | LAG | 3.6.1 |

# Cisco Catalyst 4900 Series—Supported Modules

*Table 7-40 Supported Modules for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CAB-SM-LCSC-1M | 3.6.1 | 1m fiber single-mode LC-to-SC connectors |
| CAB-SM-LCSC-5M | 3.6.1 | 5m fiber single-mode LC-to-SC connectors |
| CSS5-CABLX-LCSC | 3.6.1 | Cisco CSS 11500 10m fiber single-mode LX LC-to-SC connectors |
| CSS5-CABSX-LC | 3.6.1 | Cisco CSS 11500 10m fiber multimode SX LC connectors |
| CSS5-CABSX-LCSC | 3.6.1 | Cisco CSS 11500 10m fiber multimode SX LC-to-SC connectors |
| CWDM-SFP-1470 | 3.6.1 | Longwave 1470 nm laser single-mode |
| CWDM-SFP-1490 | 3.6.1 | Longwave 1490 nm laser single-mode |
| CWDM-SFP-1510 | 3.6.1 | Longwave 1510 nm laser single-mode |
| CWDM-SFP-1530 | 3.6.1 | Longwave 1530 nm laser single-mode |
| CWDM-SFP-1550 | 3.6.1 | Longwave 1550 nm laser single-mode |
| CWDM-SFP-1570 | 3.6.1 | Longwave 1570 nm laser single-mode |
| CWDM-SFP-1590 | 3.6.1 | Longwave 1590 nm laser single-mode |
| CWDM-SFP-1610 | 3.6.1 | Longwave 1610 nm laser single-mode |
| CWDM-SFP-XXXX | 3.6.1 | CWDM small form-factor pluggable module |
| DWDM-X2-30.33= | 3.7 | 10GBASE-DWDM 1530.33 nm X2 (100-GHz ITU grid) |
| DWDM-X2-31.12= | 3.7 | 10GBASE-DWDM 1531.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-31.90= | 3.7 | 10GBASE-DWDM 1531.90 nm X2 (100-GHz ITU grid) |

*Table 7-40 Supported Modules for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| DWDM-X2-32.68= | 3.7 | 10GBASE-DWDM 1532.68 nm X2 (100-GHz ITU grid) |
| DWDM-X2-34.25= | 3.7 | 10GBASE-DWDM 1534.25 nm X2 (100-GHz ITU grid) |
| DWDM-X2-35.04= | 3.7 | 10GBASE-DWDM 1535.04 nm X2 (100-GHz ITU grid) |
| DWDM-X2-35.82= | 3.7 | 10GBASE-DWDM 1535.82 nm X2 (100-GHz ITU grid) |
| DWDM-X2-36.61= | 3.7 | 10GBASE-DWDM 1536.61 nm X2 (100-GHz ITU grid) |
| DWDM-X2-38.19= | 3.7 | 10GBASE-DWDM 1538.19 nm X2 (100-GHz ITU grid |
| DWDM-X2-38.98= | 3.7 | 10GBASE-DWDM 1538.98 nm X2 (100-GHz ITU grid) |
| DWDM-X2-39.77= | 3.7 | 10GBASE-DWDM 1539.77 nm X2 (100-GHz ITU grid) |
| DWDM-X2-40.56= | 3.7 | 10GBASE-DWDM 1540.56 nm X2 (100-GHz ITU grid) |
| DWDM-X2-42.14= | 3.7 | 10GBASE-DWDM 1542.14 nm X2 (100-GHz ITU grid) |
| DWDM-X2-42.94= | 3.7 | 10GBASE-DWDM 1542.94 nm X2 (100-GHz ITU grid) |
| DWDM-X2-43.73= | 3.7 | 10GBASE-DWDM 1543.73 nm X2 (100-GHz ITU grid) |
| DWDM-X2-44.53= | 3.7 | 10GBASE-DWDM 1544.53 nm X2 (100-GHz ITU grid) |
| DWDM-X2-46.12= | 3.7 | 10GBASE-DWDM 1546.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-46.92= | 3.7 | 10GBASE-DWDM 1546.92 nm X2 (100-GHz ITU grid) |
| DWDM-X2-47.72= | 3.7 | 10GBASE-DWDM 1547.72 nm X2 (100-GHz ITU grid) |
| DWDM-X2-48.51= | 3.7 | 10GBASE-DWDM 1548.51 nm X2 (100-GHz ITU grid) |
| DWDM-X2-50.12= | 3.7 | 10GBASE-DWDM 1550.12 nm X2 (100-GHz ITU grid) |
| DWDM-X2-50.92= | 3.7 | 10GBASE-DWDM 1550.92 nm X2 (100-GHz ITU grid) |
| DWDM-X2-51.72= | 3.7 | 10GBASE-DWDM 1551.72 nm X2 (100-GHz ITU grid) |

*Table 7-40 Supported Modules for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| DWDM-X2-52.52= | 3.7 | 10GBASE-DWDM 1552.52 nm X2 (100-GHz ITU grid) |
| DWDM-X2-54.13= | 3.7 | 10GBASE-DWDM 1554.13 nm X2 (100-GHz ITU grid) |
| DWDM-X2-54.94= | 3.7 | 10GBASE-DWDM 1554.94 nm X2 (100-GHz ITU grid) |
| DWDM-X2-55.75= | 3.7 | 10GBASE-DWDM 1555.75 nm X2 (100-GHz ITU grid) |
| DWDM-X2-56.55= | 3.7 | 10GBASE-DWDM 1556.55 nm X2 (100-GHz ITU grid) |
| DWDM-X2-58.17= | 3.7 | 10GBASE-DWDM 1558.17 nm X2 (100-GHz ITU grid) |
| DWDM-X2-58.98= | 3.7 | 10GBASE-DWDM 1558.98 nm X2 (100-GHz ITU grid) |
| DWDM-X2-59.79= | 3.7 | 10GBASE-DWDM 1559.79 nm X2 (100-GHz ITU grid) |
| DWDM-X2-60.61= | 3.7 | 10GBASE-DWDM 1560.61 nm X2 (100-GHz ITU grid) |
| GLC-BX-D | 3.6.1[1] | 1000BASE-BX10-D downstream bidirectional single fiber; with DOM |
| GLC-BX-U | 3.6.1[2] | 1000BASE-BX10-U upstream bidirectional single fiber; with DOM |
| GLC-LH-SM | 3.6.1[3] | Gigabit Ethernet SFP, LC connector LH transceiver |
| GLC-SX-MM | 3.6.1[4] | Gigabit Ethernet SFP, LC connector SX transceiver |
| GLC-T | 3.6.1 | Gigabit Ethernet SFP, RJ-45 connector, 1000BASE-T transceiver |
| GLC-ZX-SM | 3.6.1[5] | Gigabit Ethernet SFP, LC connector ZX transceiver |
| PWR-C49M-1000AC | 3.7 | Cisco Catalyst 4900M AC Power Supply |
| PWR-C49M-1000DC | 3.7 | 4900M DC power supply, 1000 watts module |
| WS-C4948 | 3.6.1 | Catalyst 4000 series fixed configuration switch with 48 10/100/1000BaseT wirespeed ports and 4 1000BaseX SFP ports |
| WS-C4948-10GE | 3.6.1 | Catalyst 4000 series fixed configuration switch with 48 10/100/1000BaseT wirespeed ports and 2 10Gbps X2 ports |
| WS-X4904-10GE | 3.7 | Catalyst 4000 series fixed configuration switch with 48 10/100/1000BaseT wirespeed ports and 4 1000BaseX SFP ports |
| WS-X4908-10GE | 3.7 | Catalyst 4900M series, half height line card with 8 port 2:1 10GE interface |

*Table 7-40 Supported Modules for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-X4908-10G-RJ45 | 3.7.1 | 4900M 8 port 10GBase-T (RJ-45) half card |
| WS-X4920-GB-RJ45 | 3.7 | Catalyst 4900M series, half height line card with 20 port 10/100/1000 RJ45 interface |
| WS-X4992 | 3.7 | Cisco Catalyst 4900M Spare Fan Tray |
| X2-10GB-CX4 | 3.6.1[6] | 10GBASE-CX4 single-mode X2 module |
| X2-10GB-ER | 3.6.1[7] | 10GBASE-ER single-mode X2 module |
| X2-10GB-LR | 3.6.1[8] | 10GBASE-LR single-mode X2 module |
| X2-10GB-LRM | 3.7 | 10GBASE-LX4 X2 transceiver module for MMF, 1310-nm wavelength, SC duplex connector |
| X2-10GB-LX4 | 3.6.1[9] | 10GBASE-LX4 single-mode X2 module |
| X2-10GB-SR | 3.6.1[10] | 10GBASE-SR single-mode X2 module |
| X2-10GB-ZR | 3.7 | 10GBASE-ZR X2 transceiver module for SMF, 1550-nm wavelength, SC duplex connector |
| X2-10GE-CX4 | 3.6.1 | 10GBASE-CX4 X2 Module |
| X2-10GE-ER | 3.6.1 | 10GBASE-ER X2 Module |
| X2-10GE-LR | 3.6.1 | 10GBASE-LR X2 Module |
| X2-10GE-LX4 | 3.6.1 | 10GBASE-LX4 X2 Module |
| X2-10GE-SR | 3.6.1 | 10GBASE-SR X2 Module |
| WS-X4908-10G-RJ45 | ANA-3.7.2-DP4[11] | Cisco Catalyst 4900M 8-port 10GBASE-T module (RJ45) |
| WS-X4612-SFP-E | ANA-3.7.2-DP4 | Cisco Catalyst 4500E Series 12-port GE (SFP) |
| WS-X4712-SFP+E | ANA-3.7.2-DP4 | Cisco Catalyst 4500E Series 12-port 10GE (SFP+) |
| WS-X4640-CSFP-E | ANA-3.7.2-DP4 | 10GBaseT(RJ45),1000BaseT(RJ45) with 8 10G RJ45 ports |
| WS-X45-SUP7-E | ANA-3.7.2-DP4 | Cisco Catalyst 4500E Series Supervisor Engine 7-E |
| DWDM-SFP-5655 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1556.55 nm |
| DWDM-SFP-5575 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1555.75 nm |
| DWDM-SFP-5494 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1554.94 nm |
| DWDM-SFP-5413 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1554.13 nm |
| DWDM-SFP-5252 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1552.52 nm |

*Table 7-40 Supported Modules for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| DWDM-SFP-5172 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1551.72 nm |
| DWDM-SFP-5092 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1550.92 nm |
| DWDM-SFP-5012 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1550.12 nm |
| DWDM-SFP-4851 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1548.51 nm |
| DWDM-SFP-4772 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1547.72 nm |
| DWDM-SFP-4692 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1546.92 nm |
| DWDM-SFP-4612 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1546.12 nm |
| DWDM-SFP-4453 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1544.53 nm |
| DWDM-SFP-4373 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1543.73 nm |
| DWDM-SFP-4294 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1542.94 nm |
| DWDM-SFP-4214 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1542.14 nm |
| DWDM-SFP-4056 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1540.56 nm |
| DWDM-SFP-3977 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1539.77 nm |
| DWDM-SFP-3898 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1538.98 nm |
| DWDM-SFP-3819 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1538.19 nm |
| DWDM-SFP-3661 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1536.61 nm |
| DWDM-SFP-3582 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1535.82 nm |
| DWDM-SFP-3504 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1535.04 nm |
| DWDM-SFP-3425 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1534.25 nm |
| DWDM-SFP-3268 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1532.68 nm |

*Table 7-40 Supported Modules for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| DWDM-SFP-3190 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1531.90 nm |
| DWDM-SFP-3112 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1531.12 nm |
| DWDM-SFP-3033 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1530.33 nm |
| DWDM-SFP-6141 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1561.41 nm |
| DWDM-SFP-5736 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1557.36 nm |
| DWDM-SFP-5332 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1553.32 nm |
| DWDM-SFP-4931 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1549.31 nm |
| DWDM-SFP-4532 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1545.32 nm |
| DWDM-SFP-4134 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1541.34 nm |
| DWDM-SFP-3739 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1537.39 nm |
| DWDM-SFP-3346 | ANA-3.7.2-DP4 | 1000BASE-DWDM SFP 1533.46 nm |

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]Support verified in ANA 3.7

[11]Support verified in ANA 3.7.2 DP4

# Cisco Catalyst 4900 Series—Supported Technologies

The following technologies are supported by the Cisco Catalyst 4900 Series in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- VPN (VRF), page 7-118
- Security, page 7-121
- Hardware, page 7-122
- Serial, page 7-125
- Additional Technologies, page 7-126

- LLDP, page 7-128
- CDP, page 7-129
- Discovery Protocol, page 7-130


# Cisco Catalyst 4900 Series—Supported Service Events

*Table 7-41 Supported Service Events for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active ip interfaces found | 3.6.1 | N |
| All ip interfaces down | 3.6.1 | N |
| BGP link down due to admin | 3.6.1 | N |
| BGP link down due to oper | 3.6.1 | N |
| BGP link down vrf due to admin | 3.6.1 | N |
| BGP link down vrf due to oper | 3.6.1 | N |
| BGP link up | 3.6.1 | N |
| BGP neighbor found | 3.6.1 | N |
| BGP neighbor loss due to admin | 3.6.1 | N |
| BGP neighbor loss due to oper | 3.6.1 | N |
| BGP process down | 3.6.1 | N |
| BGP process up | 3.6.1 | N |
| Card down | 3.6.1 | N |
| Card in | 3.6.1 | N |
| Card out | 3.6.1 | N |
| Card up | 3.6.1 | N |
| Device Managed | 3.6.1 | N |
| Device Partially Managed | 3.6.1 | N |
| Device Unsupported | 3.6.1 | N |
| Discarded packet rate exceeded upper threshold | 3.6.1 | N |
| Discarded packet rate is below lower threshold | 3.6.1 | N |
| Dropped packet rate exceeded upper threshold | 3.6.1 | N |
| Dropped packet rate is below lower threshold | 3.6.1 | N |
| GRE tunnel down | 3.6.1 | N |
| GRE tunnel up | 3.6.1 | N |

*Table 7-41 Supported Service Events for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| High priority member down | 3.6.1 | N |
| High Priority MPLS-TE tunnel down | 3.6.1 | N |
| keepalive configured | 3.6.1 | N |
| keepalive not configured | 3.6.1 | N |
| l2tp peer established | 3.6.1 | N |
| l2tp peer is removed | 3.6.1 | N |
| l2tp peer not established | 3.6.1 | N |
| LAG down | 3.6.1 | N |
| LAG Link down | 3.6.1 | N |
| LAG Link up | 3.6.1 | N |
| LAG up | 3.6.1 | N |
| Layer 2 tunnel up | 3.6.1 | N |
| LDP neighbor down | 3.6.1 | N |
| LDP neighbor up | 3.6.1 | N |
| Link down due to admin down | 3.6.1 | N |
| Link down due to Card event | 3.6.1 | N |
| Link down due to oper down | 3.6.1 | N |
| Link down on unreachable | 3.6.1 | N |
| Link over utilized | 3.6.1 | N |
| Link up | 3.6.1 | N |
| Link utilization normal | 3.6.1 | N |
| Logical port down | 3.6.1 | N |
| Logical port up | 3.6.1 | N |
| Low priority member down | 3.6.1 | N |
| Low Priority MPLS-TE tunnel down | 3.6.1 | N |
| Management Unreachable | 3.6.1 | N |
| Medium priority member down | 3.6.1 | N |
| Medium Priority MPLS-TE tunnel down | 3.6.1 | N |
| Memory utilization exceeded upper threshold | 3.6.1 | N |
| Memory utilization less than lower threshold | 3.6.1 | N |
| Module Unsupported | 3.6.1 | N |
| MPLS interface added | 3.6.1 | N |

*Table 7-41 Supported Service Events for Cisco Catalyst 4900 Series—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| MPLS interface removed | 3.6.1 | N |
| MPLS-TE tunnel up | 3.6.1 | N |
| OSPF Neighbor Down | 3.6.1 | N |
| OSPF Neighbor Up | 3.6.1 | N |
| Port down due to admin | 3.6.1 | N |
| Port down due to Card down | 3.6.1 | N |
| Port down due to Card out | 3.6.1 | N |
| Port down due to oper | 3.6.1 | N |
| Port up | 3.6.1 | N |
| Primary HSRP interface active | 3.6.1 | N |
| Primary HSRP interface not active | 3.6.1 | N |
| rx dormant | 3.6.1 | N |
| rx dormant normal | 3.6.1 | N |
| Rx utilization exceeded upper threshold | 3.6.1 | N |
| Rx utilization is below lower threshold | 3.6.1 | N |
| Secondary HSRP interface active | 3.6.1 | N |
| Secondary HSRP interface not active | 3.6.1 | N |
| Service down | 3.6.1 | N |
| Service up | 3.6.1 | N |
| Shelf in | 3.6.1 | N |
| Shelf out | 3.6.1 | N |
| tx dormant | 3.6.1 | N |
| tx dormant normal | 3.6.1 | N |
| Tx utilization exceeded upper threshold | 3.6.1 | N |
| Tx utilization is below lower threshold | 3.6.1 | N |
| rep port role change | 3.8.0 | Y |
| pluggable transceiver out | 3.8.0 | N |
| fan-tray down | 3.8.0 | N |
| fan-tray out | 3.8.0 | N |
| power-supply down | 3.8.0 | N |

# Cisco ME 4900 Series Ethernet Switch

This section includes the following information about Cisco 4924 ME switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco ME 4900 Series Ethernet Switch.

## Cisco 4924 ME—Supported Software Versions

*Table 7-42 Supported Software Versions for Cisco 4924 ME—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.2(25)EWA | 3.6.3[1] |
| 12.2(25)EWA4 | 3.6.3[2] |
| 12.2(25)EWA6 | 3.6.3[3] |
| 12.2(31)SG | 3.6.3[4] |
| 12.2(31)SGA1 | 3.6.1[5] |
| 12.2(46)SG | 3.6.6[6] |
| 12.2(50)SG | 3.6.6[7] |
| 12.2(53)SG | 3.7[8] |
| 12.2(53)SG2 | 3.7.1 |
| 12.2(53)SG3 | ANA-3.7.2-DP1 |

[1, 2, 3, 4, 5, 6, 7, 8] ANA models pluggable ports for this IOS version.

## Cisco 4924 ME—Supported Topologies

*Table 7-43 Supported Topologies for Cisco 4924 ME—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.1 |

*Table 7-43 Supported Topologies for Cisco 4924 ME—Cisco Prime Network 3.8 (Continued)*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Physical Layer | Physical Layer | 3.6.1 |
| LAG | LAG | Prime Network 3.8 |

# Cisco 4924 ME—Supported Modules

*Table 7-44 Supported Modules for Cisco 4924 ME—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CAB-SM-LCSC-1M | 3.6.1 | 1m fiber single-mode LC-to-SC connectors |
| CAB-SM-LCSC-5M | 3.6.1 | 5m fiber single-mode LC-to-SC connectors |
| CSS5-CABLX-LCSC | 3.6.1 | Cisco CSS 11500 10m fiber single-mode LX LC-to-SC connectors |
| CSS5-CABSX-LC | 3.6.1 | Cisco CSS 11500 10m fiber multimode SX LC connectors |
| CSS5-CABSX-LCSC | 3.6.1 | Cisco CSS 11500 10m fiber multimode SX LC-to-SC connectors |
| CWDM-SFP-1470 | 3.6.1 | Cisco CWDM SFP 1470 nm; Gigabit Ethernet and 1G/2G FC (gray) |
| CWDM-SFP-1490 | 3.6.1 | Cisco CWDM SFP 1490 nm; Gigabit Ethernet and FC (violet) |
| CWDM-SFP-1510 | 3.6.1 | Cisco CWDM SFP 1510 nm; Gigabit Ethernet and 1G/2G FC (blue) |
| CWDM-SFP-1530 | 3.6.1 | Cisco CWDM SFP 1530 nm; Gigabit Ethernet and 1G/2G FC (green) |
| CWDM-SFP-1550 | 3.6.1 | Cisco CWDM SFP 1550 nm; Gigabit Ethernet and 1G/2G FC (yellow) |
| CWDM-SFP-1570 | 3.6.1 | Cisco CWDM SFP 1570 nm; Gigabit Ethernet and 1G/2G FC (orange) |
| CWDM-SFP-1590 | 3.6.1 | Cisco CWDM SFP 1590 nm; Gigabit Ethernet and 1G/2G FC (red) |
| CWDM-SFP-1610 | 3.6.1 | Cisco CWDM SFP 1610 nm; Gigabit Ethernet and 1G/2G FC (brown) |
| GLC-BX-D | 3.6.1 | 1000BASE-BX10-D downstream bidirectional single fiber; with DOM |
| GLC-BX-U | 3.6.1 | 1000BASE-BX10-U upstream bidirectional single fiber; with DOM |
| GLC-LH-SM | 3.6.1 | Gigabit Ethernet SFP, LC connector LH transceiver |

*Table 7-44 Supported Modules for Cisco 4924 ME—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| GLC-SX-MM | 3.6.1 | Gigabit Ethernet SFP, LC connector SX transceiver |
| GLC-T | 3.6.1 | Gigabit Ethernet SFP, RJ-45 connector, 1000BASE-T transceiver |
| GLC-ZX-SM | 3.6.1 | Gigabit Ethernet SFP, LC connector ZX transceiver |
| ME-4924-10GE | 3.6.1 | Cisco ME 4924-10GE, IP Base software image (RIP, static routes), no power supply, fan tray |
| PWR-C49-300DC | 3.6.6 | Power Supply ( DC 300W) |
| WS-X4991 | 3.6.6 | Fan Tray |
| X2-10GE-CX4 | 3.6.1 | 10GBASE-CX4 X2 Module |
| X2-10GE-ER | 3.6.1 | 10GBASE-ER X2 Module |
| X2-10GE-LR | 3.6.1 | 10GBASE-LR X2 Module |
| X2-10GE-LX4 | 3.6.1 | 10GBASE-LX4 X2 Module |
| X2-10GE-SR | 3.6.1 | 10GBASE-SR X2 Module |

# Cisco 4924 ME—Supported Technologies

The following technologies are supported by the Cisco 4924 ME in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- VPN (VRF), page 7-118
- Security, page 7-121
- Hardware, page 7-122
- Serial, page 7-125
- Additional Technologies, page 7-126
- LLDP, page 7-128
- CDP, page 7-129
- Discovery Protocol, page 7-130


# Cisco 4924 ME—Supported Service Events

*Table 7-45 Supported Service Events for Cisco 4924 ME—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active ip interfaces found | 3.6.1 | N |

*Table 7-45 Supported Service Events for Cisco 4924 ME—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| All ip interfaces down | 3.6.1 | N |
| BGP link down due to admin | 3.6.1 | N |
| BGP link down due to oper | 3.6.1 | N |
| BGP link down vrf due to admin | 3.6.1 | N |
| BGP link down vrf due to oper | 3.6.1 | N |
| BGP link up | 3.6.1 | N |
| BGP neighbor found | 3.6.1 | N |
| BGP neighbor loss due to admin | 3.6.1 | N |
| BGP neighbor loss due to oper | 3.6.1 | N |
| BGP process down | 3.6.1 | N |
| BGP process up | 3.6.1 | N |
| Card down | 3.6.1 | N |
| Card in | 3.6.1 | N |
| Card out | 3.6.1 | N |
| Card up | 3.6.1 | N |
| Device Managed | 3.6.1 | N |
| Device Partially Managed | 3.6.1 | N |
| Device Unsupported | 3.6.1 | N |
| Discarded packet rate exceeded upper threshold | 3.6.1 | N |
| Discarded packet rate is below lower threshold | 3.6.1 | N |
| Dropped packet rate exceeded upper threshold | 3.6.1 | N |
| Dropped packet rate is below lower threshold | 3.6.1 | N |
| GRE tunnel down | 3.6.1 | N |
| GRE tunnel up | 3.6.1 | N |
| High priority member down | 3.6.1 | N |
| High Priority MPLS-TE tunnel down | 3.6.1 | N |
| keepalive configured | 3.6.1 | N |
| keepalive not configured | 3.6.1 | N |
| l2tp peer established | 3.6.1 | N |
| l2tp peer is removed | 3.6.1 | N |
| l2tp peer not established | 3.6.1 | N |
| LAG down | 3.6.1 | N |

*Table 7-45 Supported Service Events for Cisco 4924 ME—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| LAG Link down | 3.6.1 | N |
| LAG Link up | 3.6.1 | N |
| LAG up | 3.6.1 | N |
| Layer 2 tunnel up | 3.6.1 | N |
| LDP neighbor down | 3.6.1 | N |
| LDP neighbor up | 3.6.1 | N |
| Link down due to admin down | 3.6.1 | N |
| Link down due to Card event | 3.6.1 | N |
| Link down due to oper down | 3.6.1 | N |
| Link down on unreachable | 3.6.1 | N |
| Link over utilized | 3.6.1 | N |
| Link up | 3.6.1 | N |
| Link utilization normal | 3.6.1 | N |
| Logical port down | 3.6.1 | N |
| Logical port up | 3.6.1 | N |
| Low priority member down | 3.6.1 | N |
| Low Priority MPLS-TE tunnel down | 3.6.1 | N |
| Management Unreachable | 3.6.1 | N |
| Medium priority member down | 3.6.1 | N |
| Medium Priority MPLS-TE tunnel down | 3.6.1 | N |
| Memory utilization exceeded upper threshold | 3.6.1 | N |
| Memory utilization less than lower threshold | 3.6.1 | N |
| Module Unsupported | 3.6.1 | N |
| MPLS interface added | 3.6.1 | N |
| MPLS interface removed | 3.6.1 | N |
| MPLS-TE tunnel up | 3.6.1 | N |
| OSPF Neighbor Down | 3.6.1 | N |
| OSPF Neighbor Up | 3.6.1 | N |
| Port down due to admin | 3.6.1 | N |
| Port down due to Card down | 3.6.1 | N |
| Port down due to Card out | 3.6.1 | N |
| Port down due to oper | 3.6.1 | N |
| Port up | 3.6.1 | N |

*Table 7-45 Supported Service Events for Cisco 4924 ME—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Primary HSRP interface active | 3.6.1 | N |
| Primary HSRP interface not active | 3.6.1 | N |
| rx dormant | 3.6.1 | N |
| rx dormant normal | 3.6.1 | N |
| Rx utilization exceeded upper threshold | 3.6.1 | N |
| Rx utilization is below lower threshold | 3.6.1 | N |
| Secondary HSRP interface active | 3.6.1 | N |
| Secondary HSRP interface not active | 3.6.1 | N |
| Service down | 3.6.1 | N |
| Service up | 3.6.1 | N |
| Shelf in | 3.6.1 | N |
| Shelf out | 3.6.1 | N |
| tx dormant | 3.6.1 | N |
| tx dormant normal | 3.6.1 | N |
| Tx utilization exceeded upper threshold | 3.6.1 | N |
| Tx utilization is below lower threshold | 3.6.1 | N |
| rep port role change | Prime Network 3.8 | Y |
| pluggable transceiver out | Prime Network 3.8 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 5000 Series Switches

This section includes the following information about Cisco 5000 Series switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 5000 Series Switches.

## Cisco 5000 Series—Supported Software Versions

*Table 7-46 Supported Software Versions for Cisco 5000 Series—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 4.5(15) | 3.7 |

## Cisco 5000 Series—Supported Topologies

*Table 7-47 Supported Topologies for Cisco 5000 Series—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Business | Business | 3.7 |
| Ethernet | Ethernet | 3.7 |
| Physical Layer | Physical Layer | 3.7 |

## Cisco 5000 Series—Supported Technologies

The following technologies are supported by the Cisco 5000 Series in Cisco Prime Network 3.8:

# Cisco 5000 Series—Supported Service Events

*Table 7-48 Supported Service Events for Cisco 5000 Series—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.7 | Y |
| All IP Interfaces Down | 3.7 | Y |
| BGP process up | 3.7 | N |
| Card Down | 3.7 | Y |
| Card In | 3.7 | Y |
| Card Out | 3.7 | Y |
| Card Up | 3.7 | Y |
| CPU utilization exceeded upper threshold | 3.7 | N |
| Device Unsupported | 3.7 | N |
| Link up | 3.7 | N |
| Module Unsupported | 3.7 | N |
| rep port role change | Prime Network 3.8 | Y |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 6500 Series (CatOS) Switches

This section includes the following information about Cisco Catalyst 6500 Series (CatOS) switches.

This section contains the following topics:

**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 6500 Series (CatOS) Switches.

# Cisco Catalyst 6500 Series (CatOS)—Supported Software Versions

*Table 7-49 Supported Software Versions for Cisco Catalyst 6500 Series (CatOS)—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 6.4(10) | 3.6.3 |
| 7.6(1) | 3.6.3 |
| 7.6(8) | 3.6.3 |
| 8.3(4) | 3.6.3 |
| 8.4.1 | 3.6.3 |
| 8.5(1) | 3.7[1] |
| 8.5(7) | 3.7 |

[1]ANA recognizes all maintenance builds in this CatOS release train.

# Cisco Catalyst 6500 Series (CatOS)—Supported Topologies

*Table 7-50 Supported Topologies for Cisco Catalyst 6500 Series (CatOS)—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.2 |

# Cisco Catalyst 6500 Series (CatOS)—Supported Modules

*Table 7-51 Supported Modules for Cisco Catalyst 6500 Series (CatOS)—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| AIP | 3.6.0 | ATM Interface Processor |
| CAT6509 | 3.6.0 | Catalyst 6500 Plus with 9 slots |

*Table 7-51 Supported Modules for Cisco Catalyst 6500 Series (CatOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CAT6K-MSFC | 3.6.0 | Multilevel Switching Feature Card for the Catalyst 6000 series |
| CAT6K-MSFC2 | 3.6.0 | Multilevel Switching Feature Card Version 2 for the Catalyst 6000 series |
| CAT6K-WSF-6700-CFC | 3.6.0 | Catalyst 6500 centralized Forwarding Card |
| CAT6K-WSF-6K-DFC3A | 3.6.0 | Catalyst 6500 Distributed L3 switching engine IIIa |
| CAT6K-WSF-6K-PFC3A | 3.6.0 | Catalyst 6500 Centralized L3 switching engine IIIa |
| CAT6K-WSF-6K-VPWR-GE | 3.6.0 | Cat6k voice daughter cards |
| CAT6K-WS-SUP32-GE-3B | 3.6.0 | cat6k-ws-sup32-ge-3b |
| CAT6K-WS-SUP720 | 3.6.0 | Catalyst 6500 Supervisor Module 720 CPU board |
| CAT6K-WS-SUP720-BASE | 3.6.0 | Catalyst 6500 Supervisor Module 720 base board |
| CAT6K-WS-SVC-IDSM2 | 3.6.0 | Catalyst 6500 Intrusion Detection Module |
| CAT6K-WSX-6066-SLB-APC | 3.6.0 | Content Switching Module |
| CAT6K-WSX-6148-GE-TX | 3.6.0 | Catalyst 6000 48 port10/100/1000BaseT(RJ-45) module |
| CAT6K-WSX-6148-RJ45 | 3.6.0 | 48 port10/100BaseTX(RJ-45) module |
| CAT6K-WSX-6248A-RJ45 | 3.6.0 | Catalyst 6000 48-port 10/100BaseTX RJ-45 |
| CAT6K-WSX-6248-RJ45 | 3.6.0 | Catalyst 6000 Family 48-port 10/100 RJ-45 module |
| CAT6K-WSX-6348-RJ45 | 3.6.0 | 48-port 10/100 ethernet module |
| CAT6K-WSX-6416-GBIC | 3.6.0 | 16-port GBIC Gigabit ethernet module |
| CAT6K-WSX-6515-GETX | 3.6.0 | Catalyst 6500 16 port 10/100/1000BaseT (RJ-45) module |
| CAT6K-WSX-6516A-GBIC | 3.6.0 | Catalyst 6500 16 port 1000BaseX (GBIC) |
| CAT6K-WSX-6516-GBIC | 3.6.0 | Catalyst 6500 16 port 1000BaseX GBIC |
| CAT6K-WSX-6524-MMMT | 3.6.0 | Catalyst 6500 24 port 100BaseX MM (MT-RJ) module |
| CAT6K-WSX-6548-GETX | 3.6.0 | Catalyst 6500 48 port 10/100/1000 (RJ-45) |
| CAT6K-WSX-6548-RJ21 | 3.6.0 | Catalyst 6500 48 port 10/100BaseTX (RJ-21) |
| CAT6K-WSX-6548-RJ45 | 3.6.0 | 48 port 10/100 Hydra2+/Hydra2V+ |
| CAT6K-WSX-6704-10GE | 3.6.0 | Catalyst 6500 4 port 10 GE |
| CAT6K-WSX-6724-SFP | 3.6.0 | Catalyst 6500 24 port 1000Base FX (SFP GBIC) |
| CAT6K-WSX-6748-GETX | 3.6.0 | Catalyst 6500 48 port 10/100/1000 (RJ-45) |
| CAT6K-WSX-SUP1A-2GE | 3.6.0 | Catalyst 6500 2 port 1000BaseX Supervisor module (GBIC) |
| CAT6K-WSX-SUP2-2GE | 3.6.0 | Supervisor 2 with 2 Gigabit Ethernet ports |
| CATALYST 6500 FIREWALL MODULE | 3.6.0 | Catalyst 6500 Firewall Module |

*Table 7-51 Supported Modules for Cisco Catalyst 6500 Series (CatOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CEF720 48 PORT 1000MB SFP | 3.6.0 | Catalyst 6500 48 port 1000Base FX (SFP GBIC) |
| FSIP | 3.6.0 | Fast Serial Interface processor |
| HDV | 3.6.0 | High Density Voice module |
| MIP | 3.6.0 | MultiChanel Interface Processor |
| MSFC2A ROUTE ENGINE | 3.6.0 | MSFC2A Route Engine |
| OC192-POS-RPR1-SM-VSR-SPA | 3.6.0 | 1 port OC-192c/STM-64 POS/RPR single mode very short reach Shared Port Adapter =SPA= |
| PA-1T3-PLUS | 3.6.0 | pa-1t3-plus |
| PA-2FEISL-TX | 3.6.0 | pa-2feisl-tx |
| PA-2T3-PLUS | 3.6.0 | pa-2t3-plus |
| PA-8CE1 | 3.6.0 | pa-8ce1 |
| PA-A4T | 3.6.0 | pa-a4t |
| PA-A8T-V35 | 3.6.0 | pa-a8t-v35 |
| PA-AH1T | 3.6.0 | pa-ah1t |
| PA-AH2T | 3.6.0 | pa-ah2t |
| PA-ATMDX-DS3 | 3.6.0 | pa-atmdx-ds3 |
| PA-ATMDX-E3 | 3.6.0 | pa-atmdx-e3 |
| PA-ATMDX-MM-OC3 | 3.6.0 | pa-atmdx-mm-oc3 |
| PA-ATMDX-SMI-OC3 | 3.6.0 | pa-atmdx-smi-oc3 |
| PA-ATMDX-SML-OC3 | 3.6.0 | pa-atmdx-sml-oc3 |
| PA-CE3 | 3.6.0 | pa-ce3 |
| PA-POSSW-LR | 3.6.0 | pa-possw-lr |
| PA-POSSW-MM | 3.6.0 | pa-possw-mm |
| PA-POSSW-SM | 3.6.0 | pa-possw-sm |
| PM-1FE-1T1 | 3.6.0 | pm-1fe-1t1 |
| POLICY FEATURE CARD 3 | 3.6.0 | Policy Feature Card 3 |
| POS-OC12-MM | 3.6.0 | pos-oc12-mm |
| RP | 3.6.0 | ROMmon Recovery Procedure |
| SPA-10X1GE | 3.6.1 | 10-port Gigabit Ethernet SPA, SFP Optics |
| SPA-1XTENGE-XFP | 3.6.1 | 1-port 10 Gigabit Ethernet SPA, LANPHY XFP Optics |
| SPA-2XOC3-ATM | 3.6.1 | 2-port OC-3c/STM-1c ATM SPA |
| SPA-2XOC48POS/RPR | 3.6.1 | 1-port 10 Gigabit Ethernet Shared Port Adapter XFP based |
| SPA-4XOC3-ATM | 3.6.1 | 4-port OC-3c/STM-1c ATM SPA |

*Table 7-51 Supported Modules for Cisco Catalyst 6500 Series (CatOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| TRIP | 3.6.0 | trip |
| VPN MODULE | 3.6.0 | VPN Module |
| VPN MODULE SUPPORTING 3DES | 3.6.0 | VPN Module supporting 3DES |
| WS-C6500-SFM | 3.6.0 | Switch Fabric Module |
| WS-C6509-NEB-A | 3.6.1 | Enhanced 9-slot vertically oriented chassis |
| WS-F6K-PWR | 3.6.0 | CATALYST 6000 INLINE POWER CARD, REF |
| WS-SUP720-3BXL | 3.6.0 | Catalyst 6500/Cisco 7600 Supervisor 720 Fabric MSFC3 PFC3BXL |
| WS-SVC-ADM-1-K9= | 3.6.0 | Catalyst 6500 Cisco Anomaly Detection Module |
| WS-SVC-AGM-1-K9= | 3.6.0 | Catalyst 6500 Cisco Anomaly Guard Module |
| WS-SVC-IDS2-BUN-K9 | 3.6.1 | Cisco Catalyst 6500 Series Intrusion Detection System (IDSM-2) Service Module |
| WS-SVC-SSL-1-K9= | 3.6.0 | SSL Module for Catalyst 6500 |
| WS-X6148-FE-SFP | 3.6.0 | Cisco Catalyst 6500 48-port 100BASE-X SFP Module |
| WSX-6408A-GBIC | 3.6.0 | Catalyst 6000 8-port Gigabit Ethernet Module |
| WSX-6408-GBIC | 3.6.0 | Card with 8 Gigabit Ethernet ports for the Catalyst 6000 series |
| WS-X6500-SFM2 | 3.6.0 | Switch Fabric Module 2 |
| WVIC-2DSU-T1(V2) | 3.6.0 | wvic-2dsu-t1(V2) |

# Cisco Catalyst 6500 Series (CatOS)—Supported Technologies

The following technologies are supported by the Cisco Catalyst 6500 Series (CatOS) in Cisco Prime Network 3.8:


- IP, page 7-92
- Ethernet, page 7-98
- Frame Relay, page 7-107
- PPP, page 7-108
- Hardware, page 7-122
- Serial, page 7-125
- CDP, page 7-129

# Cisco Catalyst 6500 Series (CatOS)—Supported Service Events

*Table 7-52 Supported Service Events for Cisco Catalyst 6500 Series (CatOS)—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card In | 3.6.0 | Y |
| Card Out | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Catalyst 6500 Series (IOS) Switches

This section includes the following information about Cisco Catalyst 6500 Series (IOS) switches.

This section contains the following topics:

**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Catalyst 6500 Series (IOS) Switches.

# Cisco Catalyst 6500 Series (IOS)—Supported Software Versions

*Table 7-53 Supported Software Versions for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| IOS 12.1 | 3.6.1 |
| IOS 12.1(13)E6 | 3.6.2 |
| IOS 12.1(20)E3 | 3.6.2 |
| IOS 12.2 | 3.6.1[1] |
| IOS 12.2(17d)SXB | 3.6.1 |
| IOS 12.2(18)SXD2 | 3.6.2 |
| IOS 12.2(18)SXD5 | 3.6.2 |
| IOS 12.2(18)SXE | 3.6.1[2] |
| IOS 12.2(18)SXF | 3.6.1[3] |
| IOS 12.2(18)SXF7 | 3.6.2[4] |
| IOS 12.2(33) | 3.6.1[5] |
| IOS 12.2(33)SRA | 3.6.1[6] |
| IOS 12.2(33)SRA6 | 3.6.3[7] |
| IOS 12.2(33)SXH | 3.6.3[8] |
| IOS 12.2(33)SXH1 | 3.6.3[9] |
| IOS 12.2(33)SXH2 | 3.6.6[10] |
| IOS 12.2(33)SXH2a | 3.6.5[11] |
| IOS 12.2(33)SXI | 3.6.4[12] |
| starts with 12.2(SIERRA) | 3.6.1[13] |
| IOS 12.2(33)SXI5 | ANA-3.7.2-DP3 |
| IOS 12.2(33)SXI2a | ANA-3.7.2-DP3 |
| IOS 12.2(33)SXH8 | ANA-3.7.2-DP3 |
| IOS 12.2(18)SXF17a | ANA-3.7.2-DP3 |
| IOS 12.2(50)SY | ANA 3.7.x-DP08 |

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13]ANA models pluggable ports for this IOS version.

# Cisco Catalyst 6500 Series (IOS)—Supported Topologies

*Table 7-54 Supported Topologies for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| BGP | BGP | 3.6.0 |
| Ethernet | Ethernet | 3.6.0 |
| MPLS | MPLS | 3.6.0 |
| PWE3 (Martini) | Tunnel | 3.6.0 |
| GRE Tunnel | GRE Tunnel | 3.6.0 |
| VPN (VRF) | VPN | 3.6.0 |
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.0 |

# Cisco Catalyst 6500 Series (IOS)—Supported Modules

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| 4000W-DC | 3.6.2 | 4000W DC PS for 7609/7613Chassis |
| 6000W-DC | 3.6.2 | 6000W DC PS |
| 7600-ES+40G3C | 3.6.7 | 7600 ES+ Line Card, 40xGE SFP with DFC 3C |
| 7600-ES20 | 3.6.1 | Cisco 7600 Series Ethernet Services Card |
| 7600-ES20-10G3C | 3.6.1 | Cisco 7600 ES20 line card, 2x10GE XFP with DFC 3C |
| 7600-ES20-10G3CXL | 3.6.1 | Cisco 7600 ES20 line card, 2x10GE XFP with DFC 3CXL |
| 7600-ES20-GE3C | 3.6.1 | Cisco 7600 ES20 line card, 20xGE SFP with DFC 3C |
| 7600-ES20-GE3CXL | 3.6.1 | Cisco 7600 ES20 line card, 20xGE SFP with DFC 3CXL |
| 7600-ES20-PROC | 3.6.1 | 7600 ES20 PROC FRU |
| 7600-ES40-G3CXL | 3.6.4 | 7600 ES+ Line Card, 40xGE SFP with DFC 3CXL |
| 7600-MSFC4 | 3.6.1 | c7600 MSFC4 Daughterboard |
| 7600-SIP-200 | 3.6.0 | SPA Interface Processor-200 |
| 7600-SIP-400 | 3.6.0 | SPA Interface Processor-400 |
| 7600-SIP-600 | 3.6.0 | SPA Interface Processor-600 |

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| 7600-SSC-400 | 3.6.3 | Cisco 7600 / Catalyst 6500 Services SPA Carrier Card-400 Rev. 2.0 |
| 76-ES+T-20G | 3.7.1 | 7600 ES+T Fixed 20x1G Low Queue Transport 3CXL |
| 76-ES+T-2TG | 3.7.1 | 7600 ES+T Fixed OTN/DWDM+FEC 2x10GE 3C XL Low Queue Transport 3CXL |
| 76-ES+T-40G | 3.7.1 | 7600 ES+T Fixed 40x1G Low Queue Transport 3CXL |
| 76-ES+T-4TG | 3.7.1 | 7600 ES+T Fixed OTN/DWDM+FEC 4x10GE 3C XL Low Queue Transport 3CXL |
| 76-ES+XC-20G3C | 3.7 | 7600 ES+XC Combo 10x1GE/ 1x10GE, DFC3CXL |
| 76-ES+XC-20G3CXL | 3.7 | 7600 ES+XC Combo 10x1GE/ 1x10GE, DFC3CXL |
| 76-ES+XC-40G3C | 3.7 | Combo 20x1GE/2x10GE - 3C |
| 76-ES+XC-40G3CXL | 3.7 | Combo 20x1GE/2x10GE - 3CXL |
| ACE20-MOD-K9 | 3.6.3 | Application Control Engine 20 Hardware |
| CAT6500FIREWALLSM | 3.6.2 | Cisco Catalyst 6500 Series Firewall Services Module |
| CAT6500SSLSM | 3.6.2 | Cisco Catalyst 6500 Series SSL Services Module |
| CEVFAN | 3.6.1 | Fan |
| DFC-3C | 3.6.1 | Distributed Forwarding Card 3C |
| FAN-MOD-09 | 3.6.4 | Catalyst 6509-NEB-A Fan Tray |
| GLC_BX-U | 3.6.7 | 1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1490-nm RX wavelength |
| GLC-BX-D | 3.6.7 | 1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength |
| GLC-LH-SM | 3.6.4 | Short Wave fiber Gigabit Ethernet |
| MSFC4 | 3.6.2 | Multilayer Switch Feature Card |
| OSM-12CT3T1 | 3.6.0 | 12-port channelized/unchannelized CT3-T1 |
| OSM-1CHOC12T3-SI | 3.6.0 | 1-port channelized OC-12, SM-IR |
| OSM-1OC48-POS-SI+ | 3.6.0 | Enhanced 1-port OC-48/STM-16 SONET/SDH OSM, SM-IR |
| OSM-1OC48-POS-SL+ | 3.6.0 | Enhanced 1-port OC-48/STM-16 SONET/SDH OSM, SM-LR |
| OSM-1OC48-POS-SS+ | 3.6.0 | Enhanced 1-port OC-48/STM-16 SONET/SDH OSM, SM-SR |
| OSM-2+4GE-WAN+ | 3.6.0 | 4-port Gigabit Ethernet WAN (GBIC) with two Layer 2 LAN ports; CEF256 |
| OSM-2OC12-ATM-MM+ | 3.6.0 | Enhanced 2-port OC-12/STM-4 ATM OSM, MM |
| OSM-2OC12-ATM-SI+ | 3.6.0 | Enhanced 2-port OC-12/STM-4 ATM OSM, SM-IR |

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| OSM-2OC12-POS-SI+ | 3.6.0 | Enhanced 2-port OC-12c/STM-4c POS, SM-IR; CEF256 |
| OSM-4OC12-POS-SI+ | 3.6.0 | Enhanced 4-port OC-12c/STM-4c POS, SM-IR; CEF256 |
| OSM-4OC3-POS-SI+ | 3.6.0 | Enhanced 4-port OC-3c/STM-1c POS, SM-IR; |
| PA-1FE-FX | 3.6.0 | 1-port Fast Ethernet port adapter |
| PA-1FE-TX | 3.6.0 | 1-port Fast Ethernet port adapter |
| PA-2CE/PRI | 3.6.1 | Not Found |
| PA-2FE-TX | 3.6.0 | 2-port Fast Ethernet port adapter |
| PA-4T+ | 3.6.0 | T1/E1 port adapters |
| PA-A3-E3 | 3.6.0 | ATM with traffic shaping port adapters |
| PA-A3-T3 | 3.6.0 | ATM with traffic shaping port adapters |
| PA-MC-2E1/120 | 3.6.1 | 2 port multichannel E1 port adapter with G.703 120ohm interf |
| PA-MC-4T1 | 3.6.0 | T1/E1 port adapters |
| PA-MC-8T1 | 3.6.0 | T1/E1 port adapters |
| PA-MC-STM-1 | 3.6.0 | Multichannel STM-1 port adapters |
| PA-MCX-8TE1 | 3.6.1 | 8 port multichannel T1/E1 8PRI port adapter |
| PA-POS-2OC3 | 3.6.0 | 2-port POS OC3c/STM1 port adapter |
| PFC-3C | 3.6.2 | Policy Feature Card 3C |
| PFC-3CXL | 3.6.1 | Policy Feature Card 3Cxl (PFC3CXL) |
| PWR-2700-AC/4 | 3.6.4 | 2700W AC power supply for Cisco Catalyst 6504-E |
| PWR-2700-DC/4 | 3.6.2 | 2700W DC Power Supply for Cisco 6504-E |
| PWR-4000-DC | 3.6.4 | Cisco 4000 Watt DC power supply for Catalyst 6000 |
| RSP720-3C-10GE | 3.7 | Cisco 7600 Series RSP 720-10GE with 10 Gigabit Ethernet Uplinks that includes PFC-3C and Multilayer Switch Feature Card (MSFC4) |
| RSP720-3C-GE | 3.6.1 | Route Switch Processor 720 with PFC3C |
| RSP720-3CXL | 3.6.4 | Catalyst 6500 Supervisor Module 720 base board |
| RSP720-3CXL-10GE | 3.7 | Cisco 7600 Series RSP 720-10GE with 10 Gigabit Ethernet Uplinks that includes PFC-3CXL and Multilayer Switch Feature Card (MSFC4) |
| SFP-GE-L | 3.6.4 | 1000BASE-LH/LX pluggable transceiver |
| SFP-GE-S | 3.6.7 | 1000BASE-Sx Short wavelength gigabit ethernet SFP |
| SFP-GE-T | 3.6.7 | 1000BASE-T Copper gigabit ethernet SFP |
| SFP-GE-Z | 3.6.7 | 1000BASE-Zx Extended reach gigabit ethernet SFP |
| SFP-OC3-IR1 | 3.6.0 | Intermediate range, single-mode fiber |

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| SFP-OC3-LR1 | 3.6.0 | Long range, single-mode fiber |
| SFP-OC3-MM | 3.6.0 | Short range, multimode fiber |
| SFP-OC3-SR | 3.6.1 | OC3/STM1 SFP, Single-mode fiber, Short Reach |
| SPA-10X1GE | 3.6.0 | 10-port Gigabit Ethernet SPA, SFP Optics |
| SPA-10X1GE-V2 | 3.6.0 | 10-port Gigabit Ethernet SPA, SFP Optics |
| SPA-1XCHSTM1/OC3 | 3.6.0 | 1-port Channelized STM1/OC3 to DS0 SPA |
| SPA-1XOC12-ATM | 3.6.0 | 1-Port OC-12c/STM-4c ATM SPA |
| SPA-1XOC12-POS | 3.6.0 | 1-port OC-12c/STM-4c POS SPA |
| SPA-1XOC48-ATM | 3.6.0 | 1 port OC-48c/STM-16 ATM SPA |
| SPA-1XTENGE-XFP | 3.6.0 | 1-port 10 Gigabit Ethernet SPA, LANPHY XFP Optics |
| SPA-24CHT1-CE-ATM | 3.6.0 | 24-Port Channelized T1/E1/J1 ATM CEoP SPA |
| SPA-2X1GE | 3.6.0 | 2-port Gigabit Ethernet SPA, SFP Optics |
| SPA-2X1GE-V2 | 3.6.0 | 2-port Gigabit Ethernet SPA, SFP Optics |
| SPA-2XCT3/DS0 | 3.6.0 | 2-port Channelized T3 to DS0 SPA |
| SPA-2XOC3-ATM | 3.6.0 | 2-port OC-3c/STM-1c ATM SPA |
| SPA-2XOC3-POS | 3.6.0 | 2-port OC-3c/STM-1c POS SPA |
| SPA-2XOC48POS/RPR | 3.6.1 | 1-port 10 Gigabit Ethernet Shared Port Adapter XFP based |
| SPA-2XOC48POSRPR | 3.6.0 | 2 port OC-48 POS/RPR SPA with SFP Optics |
| SPA-2XT3/E3 | 3.6.0 | 2-port Clear Channel T3/E3 SPA |
| SPA-4X1FE-TX-V2 | 3.6.0 | 4-port 10/100 Ethernet SPA TX |
| SPA-4XCT3/DS0 | 3.6.0 | 4-port Channelized T3 to DS0 SPA |
| SPA-4XOC3-ATM | 3.6.0 | 4-port OC-3c/STM-1c ATM SPA |
| SPA-4XOC3-POS | 3.6.0 | 4-port OC-3c/STM-1c POS SPA |
| SPA-4XOC48POSRPR | 3.6.0 | 4-port OC-48c/STM-16 POS/DPT/RPR SPA |
| SPA-4XT3/E3 | 3.6.0 | 4-port Clear Channel T3/E3 SPA |
| SPA-5X1GE | 3.6.0 | 5-port Gigabit Ethernet SPA, SFP Optics |
| SPA-5X1GE-V2 | 3.6.2 | 5-Port Gigabit Ethernet Shared Port Adapter |
| SPA-8X1FE-TX-V2 | 3.6.0 | 8-port 10/100 Ethernet SPA TX |
| SPA-8XCHT1E1 | 3.6.0 | 8-Port Channelized T1/E1 SPA |
| SPA-CHOC3-CE-ATM | 3.6.2 | 1-port Channelized OC3/STM-1 ATM + Circuit Emulation Shared Port Adapter |
| SPA-OC192POS-LR | 3.6.0 | 1-port OC-192c/STM-64 POS/RPR SPA, SM-LR |
| SPA-OC192POS-XFP | 3.6.0 | 1-port OC-192c/STM-64 POS/RPR SPA, XFP Optics |

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| VS-S720-10G-3C | 3.6.1 | Cisco Catalyst 6500 Series Virtual Switching Supervisor Engine 720 with two 10 Gigabit Ethernet ports and MSFC3 PFC3C |
| VS-S720-10G-3CXL | 3.6.1 | Cisco Catalyst 6500 Series Virtual Switching Supervisor Engine 720 with two 10 Gigabit Ethernet ports and MSFC3 PFC3C XL |
| WS-6700-DFC3B | 3.6.1 | Catalyst 6500 Distributed forwarding card 3B |
| WS-6700-DFC3BXL | 3.6.1 | Catalyst 6500 Distributed forwarding card 3B XL |
| WS-C6000-CL | 3.7 | Cisco Catalyst 6000 Clock FRU |
| WS-C6503-E-FAN | 3.6.4 | Catalyst 6503-E Chassis Fan Tray |
| WS-C6506-E-FAN | 3.6.4 | Catalyst 6506 - E chassis fan Tray |
| WS-C6509-E-FAN | 3.6.0 | High-capacity fan tray |
| WS-C6509-NEB-A | 3.6.1 | Enhanced 9-slot vertically oriented chassis |
| WS-C6509-NEB-FAN | 3.6.4 | Catalyst 6509-NEB Fan Tray for 9-Vertical-Slot System |
| WS-C6509-V-E-FAN | 3.6.4 | Catalyst 6509-V-E Fan Tray |
| WS-C6513-CL | 3.7 | Cisco Clock Module WS-C6513-CL |
| WS-C6K-13SLT-FAN2 | 3.6.0 | High Speed Fan Tray for Catalyst 6513 / Cisco 7613 |
| WS-C6K-VTT | 3.7 | Catalyst 6000 VTT Module |
| WS-CAC-2500W | 3.6.4 | Catalyst 6500 2500W AC power supply |
| WS-CAC-3000W | 3.6.4 | Catalyst 6500 3000W AC power supply |
| WS-CAC-4000W-INT | 3.6.3 | 4000W AC PowerSupply, International (cable included) |
| WS-CAC-6000W | 3.6.0 | 6000W AC power supply |
| WS-CDC-2500W | 3.6.4 | Cisco 2500 Watt DC power supply for Catalyst 6000 or 8500 series |
| WS-F6700-DFC3A | 3.6.1 | Distributed Forwarding Card 3 |
| WS-F6700-DFC3BXL | 3.6.0 | Distributed Forwarding Card 3BXL (DFC3BXL) for use on CEF720 modules |
| WS-F6700-DFC3C | 3.6.0 | Distributed Forwarding Card 3C (DFC3C) for use on CEF720 modules |
| WS-F6700-DFC3CXL | 3.6.0 | Distributed Forwarding Card 3CXL (DFC3CXL) for use on CEF720 modules |
| WS-F6K-FE48X2-AF | 3.6.0 | IEEE 802.3af PoE daughter card |
| WS-F6K-GE48-AF | 3.6.0 | IEEE 802.3af PoE daughter card |
| WS-F6K-MSFC2 | 3.6.1 | Multilevel Switching Feature Card Version 2 for Catalyst 6000 that is treated as a standalone system by the NMS |

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-F6K-PFC2 | 3.6.1 | Catalyst 6500 L3 switching engine II |
| WS-F6K-PFC3BXL | 3.6.0 | Policy Feature Card 3BXL (PFC3BXL) |
| WS-F6K-PFC3CXL | 3.6.0 | Policy Feature Card 3CXL (PFC3CXL) |
| WS-F6K-VPWR | 3.6.0 | PoE Daughter card |
| WS-F6K-VPWR-GE | 3.6.0 | PoE Daughter card |
| WS-G5486 | 3.6.4 | Long Haul fiber Gigabit Ethernet |
| WS-G6483 | 3.6.0 | 10GBASE-ER serial 1550 nm extended-reach OIM |
| WS-G6488 | 3.6.0 | 10GBASE-LR serial 1310 nm long-reach OIM |
| WS-SUP32-10GE-3B | 3.6.0 | Supervisor Engine 32 |
| WS-SUP32-GE-3B | 3.6.0 | Supervisor Engine 32 |
| WS-SUP720-3B | 3.6.0 | Supervisor Engine 720 with PFC3B |
| WS-SUP720-3BXL | 3.6.0 | Supervisor Engine 720 with PFC3BXL |
| WS-SVC-FWM-1 | 3.6.0 | Catalyst 6500 Firewall Module |
| WS-SVC-IDS2-BUN-K9 | 3.6.1 | Cisco Catalyst 6500 Series Intrusion Detection System (IDSM-2) Service Module |
| WS-SVC-IDSM-2 | 3.6.1 | Catalyst 6500 Intrusion Detection Module |
| WS-SVC-MWAM-1 | 3.6.0 | Multi-Processor WAN Application Module |
| WS-SVC-NAM-1 | 3.6.0 | Network Analysis module 1 |
| WS-SVC-NAM-2 | 3.6.0 | Network Analysis module 2 |
| WS-X6148A-GE-TX | 3.6.0 | 48 port 10/100/1000 RJ-45 Ethernet Switching Module |
| WS-X6148A-RJ-45 | 3.6.0 | 48 port 10/100TX RJ-45 Ethernet/Fast Ethernet Switching Module |
| WS-X6148FE-SFP | 3.6.1 | Catalyst 6500 48 port 100Base-X SFP module |
| WS-X6148-FE-SFP | 3.6.0 | 48 port 100BASE-FX Fast Ethernet Switching Module |
| WS-X6148-GE-TX | 3.6.0 | 48 port 10/100/1000 RJ-45 Ethernet Switching Module |
| WS-X6148-RJ-21 | 3.6.0 | 48 port 10/100TX RJ-21 Ethernet/Fast Ethernet Switching Module |
| WS-X6148-RJ-45 | 3.6.0 | 48 port 10/100TX RJ-45 Ethernet/Fast Ethernet Switching Module |
| WS-X6148X2-RJ-45 | 3.6.0 | 96 port 10/100TX RJ-45 Ethernet/Fast Ethernet Switching Module |
| WS-X6196-RJ-21 | 3.6.0 | 96 port 10/100TX RJ-21 Ethernet/Fast Ethernet Switching Module |

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-X6248A-TEL | 3.6.0 | 48 port 10/100TX RJ-21 Enhanced Ethernet/Fast Ethernet Switching Module |
| WS-X6248-RJ-45 | 3.6.0 | 48 port 10/100TX RJ-45 Ethernet/Fast Ethernet Switching Module |
| WS-X6248-TEL | 3.6.0 | 48 port 10/100TX RJ-21 Ethernet/Fast Ethernet Switching Module |
| WS-X6316-GE-TX | 3.6.0 | 16-port Gigabit Ethernet RJ-45 |
| WS-X6324-100FX-SM | 3.6.0 | 24 port 100FX Single Mode Fast Ethernet Switching Module |
| WS-X6348-RJ-21 | 3.6.0 | 6500 48 port 10/100BaseTX (RJ-21) |
| WS-X6348-RJ-45 | 3.6.0 | 48 port 10/100TX RJ-45 Ethernet/Fast Ethernet Switching Module |
| WS-X6408A-GBIC | 3.6.0 | 8-port Gigabit Ethernet GBIC Enhanced QoS Module |
| WS-X6408-GBIC | 3.6.0 | 8-port Gigabit Ethernet GBIC |
| WS-X6416-GBIC | 3.6.0 | 16-port Gigabit Ethernet GBIC |
| WS-X6502-10GE | 3.6.0 | 1-port 10-Gigabit Ethernet |
| WS-X6516A-GBIC | 3.6.0 | 16-port Gigabit Ethernet GBIC |
| WS-X6516-GBIC | 3.6.0 | 16-port Gigabit Ethernet GBIC |
| WS-X6516-GE-TX | 3.6.0 | 16 port 10/100/1000 Base-T Ethernet Switching Module |
| WS-X6548-GE-TX | 3.6.0 | 48 port 10/100/1000 RJ-45 Ethernet Switching Module |
| WS-X6548-RJ-21 | 3.6.0 | 48 port 10/100TX RJ-21 Ethernet/Fast Ethernet Switching Module |
| WS-X6548-RJ-45 | 3.6.0 | 48 port 10/100TX RJ-45 Ethernet/Fast Ethernet Switching Module |
| WS-X6582-2PA | 3.6.0 | Enhanced FlexWAN Module; |
| WS-X6700-CFC | 3.6.0 | Centralized Forwarding Card |
| WS-X6704-10GE | 3.6.0 | 4-port 10-Gigabit Ethernet |
| WS-X6708-10G-3C | 3.6.1 | C6K 8 port 10 Gigabit Ethernet module with DFC3C (req. X2) |
| WS-X6708-10GE | 3.6.3 | C6K 8 port 10 Gigabit Ethernet module with DFC |
| WS-X6724-SFP | 3.6.0 | 24-port Gigabit Ethernet SFP |
| WS-X6748-GE-TX | 3.6.0 | 48 port 10/100/1000 RJ-45 Ethernet Switching Module |
| WS-X6748-SFP | 3.6.0 | 48-port Gigabit Ethernet SFP |
| WS-X6816-GBIC | 3.6.0 | 16-port Gigabit Ethernet GBIC |

*Table 7-55 Supported Modules for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| WS-X6K-S1A-MSFC2 | 3.6.1 | Catalyst 6000 Supervisor Engine 1A, 2 Gigabit Ethernet, plus MSFC2 and policy feature card (PFC) |
| WS-X6K-S2-MSFC2 | 3.6.1 | Catalyst 6500 Supervisor Engine-2, 2GE, plus MSFC-2 / PFC-2 |
| WS-X6K-SUP2-2GE | 3.6.1 | Supervisor 2 with 2 Gigabit Ethernet ports |
| X2-10GB-SR | 3.6.5 | 10GBASE-SR Serial 850-nm short-reach multimode (MMF) |
| XENPAK-10GB-ER | 3.6.0 | 10GBASE-ER Serial 1550-nm extended-reach, single-mode fiber (SMF), dispersion-shifted fiber (DSF) |
| XENPAK-10GB-LR | 3.6.4 | 10 Gigabit Ethernet Serial 1310nm Laser Xenpak Module |
| XENPAK-10GB-SR | 3.6.0 | 10GBASE-SR Serial 850-nm short-reach multimode fiber (MMF) |
| XFP-10GLR-OC192SR | 3.6.4 | OC192 XFP Single Mode Long Reach 2 (80km). |
| WS-SVC-NAM-2-250S | ANA 3.7.x-DP08 | WS-SVC-NAM-2-250S 8 ports Network Analysis Module Rev. 0.102 |
| WS-SVC-WISM-1-K9 | ANA 3.7.x-DP08 | WS-SVC-WISM-1-K9 10 ports WiSM WLAN Service Module Rev. 2.4 |
| WS-X6848-SFP-2T/2TXL | ANA 3.7.x-DP09 | WS-X6848-SFP CEF720 48 port 1000mb SFP Rev. 1.0 |
| WS-F6K-DFC4-AXL | ANA 3.7.x-DP09 | WS-F6K-DFC4-AXL EARL8 Distributed Forwarding Card Rev. 1.0 |

# Cisco Catalyst 6500 Series (IOS)—Supported Technologies

The following technologies are supported by the Cisco Catalyst 6500 Series (IOS) in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- ATM, page 7-104
- HDLC, page 7-109
- SONET/SDH, page 7-110
- TDM/DSx, page 7-111

# Cisco Catalyst 6500 Series (IOS)—Supported Service Events

*Table 7-56 Supported Service Events for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active ip interfaces found | 3.6.0 | N |
| All ip interfaces down | 3.6.0 | N |
| BGP link down due to admin | 3.6.0 | N |
| BGP link down due to oper | 3.6.0 | N |
| BGP link down vrf due to admin | 3.6.0 | N |
| BGP link down vrf due to oper | 3.6.0 | N |
| BGP link up | 3.6.0 | N |
| BGP neighbor found | 3.6.0 | N |
| BGP neighbor loss due to admin | 3.6.0 | N |
| BGP neighbor loss due to oper | 3.6.0 | N |
| BGP neighbor loss VRF due to admin | 3.6.0 | N |
| BGP neighbor loss VRF due to oper | 3.6.0 | N |
| BGP process up | 3.6.0 | N |
| Card down | 3.6.0 | N |
| Card in | 3.6.0 | N |
| Card out | 3.6.0 | N |
| Card up | 3.6.0 | N |

*Table 7-56 Supported Service Events for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| CPU utilization less than lower threshold | 3.6.0 | N |
| Device Managed | 3.6.0 | N |
| Device Partially Managed | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Discarded packet rate exceeded upper threshold | 3.6.0 | N |
| Discarded packet rate is below lower threshold | 3.6.0 | N |
| Dropped packet rate exceeded upper threshold | 3.6.0 | N |
| Dropped packet rate is below lower threshold | 3.6.0 | N |
| Dual stack IP added | 3.6.0 | N |
| Dual stack IP removed | 3.6.0 | N |
| High priority member down | 3.6.0 | N |
| High Priority MPLS-TE tunnel down | 3.6.0 | N |
| Interface status down | 3.6.0 | N |
| Interface status up | 3.6.0 | N |
| keepalive configured | 3.6.0 | N |
| keepalive not configured | 3.6.0 | N |
| l2tp peer established | 3.6.0 | N |
| l2tp peer is removed | 3.6.0 | N |
| LAG down | 3.6.0 | N |
| LAG Link down | 3.6.0 | N |
| LAG Link up | 3.6.0 | N |
| LAG up | 3.6.0 | N |
| Layer 2 tunnel up | 3.6.0 | N |
| LDP neighbor down | 3.6.0 | N |
| LDP neighbor up | 3.6.0 | N |
| Link down due to admin down | 3.6.0 | N |
| Link down due to Card event | 3.6.0 | N |
| Link down due to oper down | 3.6.0 | N |
| Link down on unreachable | 3.6.0 | N |

*Table 7-56 Supported Service Events for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Link over utilized | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Link utilization normal | 3.6.0 | N |
| Logical port up | 3.6.0 | N |
| Low priority member down | 3.6.0 | N |
| Low Priority MPLS-TE tunnel down | 3.6.0 | N |
| Management Unreachable | 3.6.0 | N |
| Medium priority member down | 3.6.0 | N |
| Medium Priority MPLS-TE tunnel down | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Memory utilization less than lower threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| MPLS Black hole cleared | 3.6.0 | N |
| MPLS Black hole found | 3.6.0 | N |
| MPLS interface added | 3.6.0 | N |
| MPLS interface removed | 3.6.0 | Y |
| MPLS TE FRR State Changed to Active | 3.6.0 | N |
| MPLS TE FRR State Changed to Ready | 3.6.0 | N |
| MPLS-TE tunnel down | 3.6.0 | N |
| MPLS-TE tunnel up | 3.6.0 | N |
| OSPF Neighbor Down | 3.6.0 | N |
| OSPF Neighbor Up | 3.6.0 | N |
| Port down due to admin | 3.6.0 | N |
| Port down due to Card down | 3.6.0 | N |
| Port down due to Card out | 3.6.0 | N |
| Port down due to oper | 3.6.0 | N |
| Port up | 3.6.0 | N |
| Primary HSRP interface active | 3.6.0 | N |
| Primary HSRP interface not active | 3.6.0 | N |
| rx dormant normal | 3.6.0 | N |

*Table 7-56 Supported Service Events for Cisco Catalyst 6500 Series (IOS)—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Rx utilization exceeded upper threshold | 3.6.0 | N |
| Rx utilization is below lower threshold | 3.6.0 | N |
| Secondary HSRP interface active | 3.6.0 | N |
| Secondary HSRP interface not active | 3.6.0 | N |
| Service down | 3.6.0 | N |
| Service up | 3.6.0 | N |
| Shelf in | 3.6.0 | N |
| Shelf out | 3.6.7 | N |
| SONET Path down due to Admin | 3.6.0 | N |
| SONET Path down due to Card | 3.6.0 | N |
| SONET Path down due to Oper | 3.6.0 | N |
| SONET Path Link down due to Card event | 3.6.0 | N |
| SONET Path Link down on unreachable | 3.6.0 | N |
| tx dormant normal | 3.6.0 | N |
| Tx utilization exceeded upper threshold | 3.6.0 | N |
| Tx utilization is below lower threshold | 3.6.0 | N |
| rep port role change | Prime Network 3.8 | Y |
| pluggable transceiver out | Prime Network 3.8 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco ME 6500 Series Ethernet Switches (6524)

This section includes the following information about Cisco ME 6500 Series (6524) switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco ME 6500 Series Ethernet Switches (6524).

## Cisco ME 6500 Series (6524)—Supported Software Versions

*Table 7-57 Supported Software Versions for Cisco ME 6500 Series (6524)—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| 12.2 | 3.6.0 |
| 12.2(18)ZU | 3.6.0[1] |
| 12.2(18)ZU1 | 3.6.0[2] |
| 12.2(18)ZU2 | 3.6.0[3] |
| 12.2(33)SXI | 3.7[4] |

[1, 2, 3, 4]ANA models pluggable ports for this IOS version.

## Cisco ME 6500 Series (6524)—Supported Topologies

*Table 7-58 Supported Topologies for Cisco ME 6500 Series (6524)—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| ATM | ATM | 3.6.0 |
| BGP | BGP | 3.6.0 |
| Ethernet | Ethernet | 3.6.0 |
| MPLS | MPLS | 3.6.0 |
| VPN (VRF) | VPN | 3.6.0 |

*Table 7-58 Supported Topologies for Cisco ME 6500 Series (6524)—Cisco Prime Network 3.8 (Continued)*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Physical Layer | Physical Layer | 3.6.0 |
| LAG | LAG | 3.6.2 |

# Cisco ME 6500 Series (6524)—Supported Modules

*Table 7-59 Supported Modules for Cisco ME 6500 Series (6524)—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| ME-C6524GT-8S | 3.6.0 | 32 ports Cisco ME 6524 Ethernet Switch Rev. 1.1 |
| WS-6148A-GE-TX | 3.6.0 | Catalyst 6500 48 port 10/100/1000BaseTX (RJ-45) module |
| WS-6148-GE-TX | 3.6.0 | Catalyst 6000 48 port10/100/1000BaseT(RJ-45) module |

# Cisco ME 6500 Series (6524)—Supported Technologies

The following technologies are supported by the Cisco ME 6500 Series (6524) in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- MPLS, page 7-115
- MPLS-TE, page 7-116
- VPN (VRF), page 7-118
- PWE3, page 7-120
- Security, page 7-121
- Hardware, page 7-122
- Serial, page 7-125
- Additional Technologies, page 7-126
- Carrier Ethernet, page 7-127
- LLDP, page 7-128
- CDP, page 7-129
- Discovery Protocol, page 7-130
- Ethernet OAM, page 7-130

# Cisco ME 6500 Series (6524)—Supported Service Events

*Table 7-60 Supported Service Events for Cisco ME 6500 Series (6524)—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.6.0 | Y |
| All IP Interfaces Down | 3.6.0 | Y |
| BGP process up | 3.6.0 | N |
| Card Down | 3.6.0 | Y |
| Card In | 3.6.0 | Y |
| Card Out | 3.6.0 | Y |
| Card Up | 3.6.0 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.6.0 | N |
| Link up | 3.6.0 | N |
| Memory utilization exceeded upper threshold | 3.6.0 | N |
| Module Unsupported | 3.6.0 | N |
| rep port role change | 3.8.0 | Y |
| pluggable transceiver out | 3.8.0 | N |
| fan-tray down | 3.8.0 | N |
| fan-tray out | 3.8.0 | N |
| power-supply down | 3.8.0 | N |

# Cisco Nexus 7000 Series Switches

This section includes the following information about Cisco Nexus 7000 switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Nexus 7000 Series Switches.

# Cisco Nexus 7000—Supported Software Versions

*Table 7-61 Supported Software Versions for Cisco Nexus 7000—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| NX-OS 4.2(2) | 3.7.1 |
| NX-OS 4.2(3) | 3.7.1 |
| NX-OS 4.2(4) | 3.7.2 |
| NX-OS 5.0(3) | 3.7.2 |
| NX-OS 5.0(5) | ANA-3.7.2-DP1 |
| NX-OS 5.1(1) | ANA-3.7.2-DP1 |
| NX-OS 4.2(6) | ANA-3.7.2-DP3 |

# Cisco Nexus 7000—Supported Topologies

*Table 7-62 Supported Topologies for Cisco Nexus 7000—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Business | Business | 3.7.1 |
| Ethernet | Ethernet | 3.7.1 |
| Physical Layer | Physical Layer | 3.7.1 |

# Cisco Nexus 7000—Supported Modules

*Table 7-63 Supported Modules for Cisco Nexus 7000—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| GLC-SX-MM | 3.7.1 | 1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength |
| N7K-AC-7.5KW-US | 3.7.1 | Nexus 7000 - 7.5KW AC Power Supply Module US |
| N7K-C7010-FAB-1 | 3.7.1 | Nexus 7000 - 10 Slot Chassis - 46Gbps/Slot Fabric Module |
| N7K-C7018-FAB-1 | 3.7.1 | Nexus 7000 - 18 Slot Chassis - 46Gbps/Slot Fabric Module |
| N7K-C7018-FAN | 3.7.1 | Nexus 7000 - 18 Slot Fan |
| N7K-DC-6.0KW | 3.7.2 | Nexus 7000 - 6.0KW DC Power Supply Module |

*Table 7-63 Supported Modules for Cisco Nexus 7000—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| N7K-M108X2-12L | 3.7.2 | Nexus 7000 - 8 Port 10GbE with XL option (req. X2) |
| N7K-M132XP-12 | 3.7.1 | Nexus 7000 - 32 Port 10GbE, 80G Fabric (req. SFP+) |
| N7K-M148GS-11 | 3.7.1 | Nexus 7000 - 48 Port 1G, SFP |
| N7K-M148GS-11L | 3.7.2 | Nexus 7000 - 48 Port GE Module with XL Option |
| N7K-M148GT-11 | 3.7.1 | Nexus 7000 - 48 Port 10/100/1000, RJ-45 |
| N7K-SUP1 | 3.7.1 | Nexus 7000 - Supervisor, Includes External 8GB Log Flash |
| SFP-10G-LR | 3.7.1 | Cisco 10GBASE-LR SFP+ Module for SMF |
| SFP-10G-SR | 3.7.1 | Cisco 10GBASE-SR SFP+ Module for MMF |
| SFP-GE-S | 3.7.1 | 1000BASE-SX pluggable transceiver |
| N7K-F132XP-15 | ANA-3.7.2-DP1 | Nexus 7000 - 32 Port 1G/10G Ethernet Module, SFP/SFP+ |
| N7K-C7010-FAN-S | ANA-3.7.2-DP4 | Nexus 7000 - 10 Slot System Fan |
| N7K-C7010-FAN-F | ANA-3.7.2-DP4 | Nexus 7000 - 10 Slot Fabric Fan |

# Cisco Nexus 7000—Supported Technologies

The following technologies are supported by the Cisco Nexus 7000 in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- VPN (VRF), page 7-118
- Hardware, page 7-122
- Serial, page 7-125
- CDP, page 7-129


# Cisco Nexus 7000—Supported Service Events

*Table 7-64 Supported Service Events for Cisco Nexus 7000—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.7.1 | Y |
| All IP Interfaces Down | 3.7.1 | Y |

*Table 7-64 Supported Service Events for Cisco Nexus 7000—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| BGP process up | 3.7.1 | N |
| Card Down | 3.7.1 | Y |
| Card In | 3.7.1 | Y |
| Card Out | 3.7.1 | Y |
| Card Up | 3.7.1 | Y |
| CPU utilization exceeded upper threshold | 3.7.1 | N |
| Device Unsupported | 3.7.1 | N |
| Layer 2 Tunnel Down | 3.7.1 | N |
| Link up | 3.7.1 | N |
| Memory utilization exceeded upper threshold | 3.7.1 | N |
| Module Unsupported | 3.7.1 | N |
| MPLS Black Hole found | 3.7.1 | N |
| pluggable transceiver out | Prime Network 3.8 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Nexus 5000 Series Switches

This section includes the following information about Cisco Nexus 5000 switches.

This section contains the following topics:

**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Nexus 5000 Series Switches.

# Cisco Nexus 5000—Supported Software Versions

*Table 7-65 Supported Software Versions for Cisco Nexus 5000—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| NX-OS 4.1(3)N2(1a)) | 3.7.2 |
| NX-OS 4.2(1)N2(1) | 3.7.2 |
| 5.0(2)N2(1) | 3.7.2 |
| 5.0(2)N1(1) | ANA 3.7.x-DP08 |

# Cisco Nexus 5000—Supported Topologies

*Table 7-66 Supported Topologies for Cisco Nexus 5000—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Ethernet | Ethernet | 3.7.2 |
| Physical Layer | Physical Layer | 3.7.2 |

# Cisco Nexus 5000—Supported Modules

*Table 7-67 Supported Modules for Cisco Nexus 5000—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| N5K-C5020-FAN | 3.7.2 | Cisco Nexus 5020 Fan Module |
| N5K-PAC-1200W | 3.7.2 | Nexus 5020 PSU module, 100-240VAC 1200W |
| SFP-10G-LR | 3.7.2 | Cisco 10GBASE-LR SFP+ Module for SMF |
| N5K-M1404 | 3.7.2 | N5000 1000 Series Mod 4x10GE 4xFC 4/2/1G(req SFP+/SFP) |
| N5K-PAC-550W | ANA 3.7.x-DP08 | Nexus 5010 PSU module, 110-208VAC 550w |
| N5K-C5010-FAN | ANA 3.7.x-DP08 | Cisco Nexus 5010 Fan Module |

# Cisco Nexus 5000—Supported Technologies

The following technologies are supported by the Cisco Nexus 5000 in Cisco Prime Network 3.8:


- IP, page 7-92
- Ethernet, page 7-98
- Hardware, page 7-122
- Serial, page 7-125
- CDP, page 7-129


# Cisco Nexus 5000—Supported Service Events

*Table 7-68 Supported Service Events for Cisco Nexus 5000—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.7.2 | Y |
| All IP Interfaces Down | 3.7.2 | Y |
| Card Down | 3.7.2 | Y |
| Card In | 3.7.2 | Y |
| Card Out | 3.7.2 | Y |
| Card Up | 3.7.2 | Y |
| CPU utilization exceeded upper threshold | 3.7.2 | N |
| Device Unsupported | 3.7.2 | N |
| Link down due to admin down | 3.7.2 | Y |
| Link down due to Card event | 3.7.2 | Y |
| Link down due to oper down | 3.7.2 | Y |
| Link up | 3.7.2 | N |
| Memory utilization exceeded upper threshold | 3.7.2 | N |
| Module Unsupported | 3.7.2 | N |
| pluggable transceiver out | Prime Network 3.8 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |

*Table 7-68 Supported Service Events for Cisco Nexus 5000—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| power-supply down | Prime Network 3.8 | N |

# Cisco ME 3600X Ethernet Access Switch

This section includes the following information about Cisco ME 3600X switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco ME 3600X Ethernet Access Switch.

## Cisco ME 3600X—Supported Software Versions

*Table 7-69 Supported Software Versions for Cisco ME 3600X—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| IOS 12.2(52)SE | 3.7.1 |
| IOS 12.2(52)EY | 3.7.1.0.4 |
| IOS 12.2(52)EY1 | 3.7.2-DP-3.0 |
| IOS 12.2(52)EY2 | 3.7.X-DP-4.0 |
| IOS 15.1(2)EY | 3.7.X-DP-6.0 |
| IOS 12.2(52)EY3 | 3.7.X-DP-9.0 |

# Cisco ME 3600X—Supported Topologies

*Table 7-70 Supported Topologies for Cisco ME 3600X—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| BGP | BGP | 3.7.1 |
| Ethernet | Ethernet | 3.7.1 |
| MPLS | MPLS | 3.7.1 |
| Physical Layer | Physical Layer | 3.7.1 |

# Cisco ME 3600X—Supported Modules

*Table 7-71 Supported Modules for Cisco ME 3600X—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CWDM-SFP-1470 | 3.7.1 | 1470nm color coded CWDM SFP |
| CWDM-SFP-1490 | 3.7.1 | 1490nm color coded CWDM SFP |
| CWDM-SFP-1510 | 3.7.1 | 1510nm color coded CWDM SFP |
| CWDM-SFP-1530 | 3.7.1 | 1530nm color coded CWDM SFP |
| CWDM-SFP-1550 | 3.7.1 | 1550nm color coded CWDM SFP |
| CWDM-SFP-1570 | 3.7.1 | 1570nm color coded CWDM SFP |
| CWDM-SFP-1590 | 3.7.1 | 1590nm color coded CWDM SFP |
| CWDM-SFP-1610 | 3.7.1 | 1610nm color coded CWDM SFP |
| GLC-BX-D | 3.7.1 | 1000BASE-BX10-D downstream bidirectional single fiber SFP |
| GLC-BX-U | 3.7.1 | 1000BASE-BX10-U upstream bidirectional single fiber SFP |
| GLC-FE-100BX-D | 3.7.1 | Fiber Fast Ethernet bi-directional 10kmDownlink over SMF |
| GLC-FE-100BX-U | 3.7.1 | Fiber Fast Ethernet bi-directional 10km Uplinkover SMF |
| GLC-FE-100EX | 3.7.1 | 100 BaseEX Fiber FastEthernet |
| GLC-FE-100FX | 3.7.1 | Short Wave Fiber Fast Ethernet |
| GLC-FE-100LX | 3.7.1 | Long Wave Fiber Fast Ethernet 10km over SMF |
| GLC-LH-SM | 3.7.1 | Longwavelength gigabit ethernet SFP |
| GLC-SX-MM | 3.7.1 | Shortwavelength gigabit ethernet SFP |
| GLC-T | 3.7.1 | Copper gigabit ethernet SFP |
| GLC-ZX-SM | 3.7.1 | Extended reach gigabit ethernet |
| ME-FANTRAY | 3.7.1 | Metro Ethernet 3600X/3800X Fan Tray |

*Table 7-71 Supported Modules for Cisco ME 3600X—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| PWR-390W-AC | 3.7.1 | Metro Ethernet 3600X/3800X AC power supply |
| PWR-390W-DC | 3.7.1 | Metro Ethernet 3600X/3800X DC power supply |
| SFP-10G-LR | 3.7.1 | 10Gigabit XFP Multi Mode Long Reach |
| SFP-10G-LRM | 3.7.1 | 10GBASE-LRM SFP+ transceiver module for MMF and SMF, 1310-nm wavelength, LC duplex connector |
| SFP-10G-SR | 3.7.1 | 10Gigabit XFP Multi Mode Short Reach |
| SFP-GE-L | 3.7.1 | 1000BASE-LH/LX pluggable transceiver |
| SFP-GE-S | 3.7.1 | 1000BASE-Sx Short wavelength gigabit ethernet SFP. |

# Cisco ME 3600X—Supported Technologies

The following technologies are supported by the Cisco ME 3600X in Cisco Prime Network 3.8:

# Cisco ME 3600X—Supported Service Events

*Table 7-72 Supported Service Events for Cisco ME 3600X—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.7.1 | Y |
| All IP Interfaces Down | 3.7.1 | Y |
| BGP process up | 3.7.1 | N |
| Card Down | 3.7.1 | Y |
| Card Up | 3.7.1 | Y |
| CPU utilization exceeded upper threshold | 3.7.1 | N |
| Device Unsupported | 3.7.1 | N |
| Keepalive configured | 3.7.1 | N |
| Keepalive not configured | 3.7.1 | N |
| Layer 2 Tunnel Down | 3.7.1 | N |
| Link up | 3.7.1 | N |
| Memory utilization exceeded upper threshold | 3.7.1 | N |
| Module Unsupported | 3.7.1 | N |
| MPLS Black Hole found | 3.7.1 | N |
| Pluggable transceiver out | Prime Network 3.8 | N |
| Port up | Prime Network 3.8 | Y |

# Cisco ME 3800X Carrier Ethernet Switches

This section includes the following information about Cisco ME 3800X switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco ME 3800X Carrier Ethernet Switches.

# Cisco ME 3800X—Supported Software Versions

*Table 7-73 Supported Software Versions for Cisco ME 3800X—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| IOS 12.2(52)SE | 3.7.1 |
| IOS 12.2(52)EY | 3.7.1.0.4 |
| IOS 12.2(52)EY1 | 3.7.2-DP-3.0 |
| IOS 12.2(52)EY2 | 3.7.X-DP-4.0 |
| IOS 15.1(2)EY | 3.7.X-DP-6.0 |
| IOS 12.2(52)EY3 | 3.7.X-DP-9.0 |

# Cisco ME 3800X—Supported Topologies

*Table 7-74 Supported Topologies for Cisco ME 3800X—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| BGP | BGP | 3.7.1 |
| Ethernet | Ethernet | 3.7.1 |
| MPLS | MPLS | 3.7.1 |
| LAG | LAG | 3.7.1 |

# Cisco ME 3800X—Supported Modules

*Table 7-75 Supported Modules for Cisco ME 3800X—Cisco Prime Network 3.8*

| Module Name | Product_Version | Module Description |
|---|---|---|
| CWDM-SFP-1470 | 3.7.1 | 1470nm color coded CWDM SFP |
| CWDM-SFP-1490 | 3.7.1 | 1490nm color coded CWDM SFP |
| CWDM-SFP-1510 | 3.7.1 | 1510nm color coded CWDM SFP |
| CWDM-SFP-1530 | 3.7.1 | 1530nm color coded CWDM SFP |
| CWDM-SFP-1550 | 3.7.1 | 1550nm color coded CWDM SFP |
| CWDM-SFP-1570 | 3.7.1 | 1570nm color coded CWDM SFP |
| CWDM-SFP-1590 | 3.7.1 | 1590nm color coded CWDM SFP |
| CWDM-SFP-1610 | 3.7.1 | 1610nm color coded CWDM SFP |
| GLC-BX-D | 3.7.1 | 1000BASE-BX10-D downstream bidirectional single fiber SFP |

*Table 7-75 Supported Modules for Cisco ME 3800X—Cisco Prime Network 3.8 (Continued)*

| Module Name | Product_Version | Module Description |
|---|---|---|
| GLC-BX-U | 3.7.1 | 1000BASE-BX10-U upstream bidirectional single fiber SFP |
| GLC-FE-100BX-D | 3.7.1 | Fiber Fast Ethernet bi-directional 10kmDownlink over SMF |
| GLC-FE-100BX-U | 3.7.1 | Fiber Fast Ethernet bi-directional 10km Uplinkover SMF |
| GLC-FE-100EX | 3.7.1 | 100 BaseEX Fiber FastEthernet |
| GLC-FE-100FX | 3.7.1 | Short Wave Fiber Fast Ethernet |
| GLC-FE-100LX | 3.7.1 | Long Wave Fiber Fast Ethernet 10km over SMF |
| GLC-LH-SM | 3.7.1 | Longwavelength gigabit ethernet SFP |
| GLC-SX-MM | 3.7.1 | Shortwavelength gigabit ethernet SFP |
| GLC-T | 3.7.1 | Copper gigabit ethernet SFP |
| GLC-ZX-SM | 3.7.1 | Extended reach gigabit ethernet |
| ME-FANTRAY | 3.7.1 | Metro Ethernet 3600X/3800X Fan Tray |
| PWR-390W-AC | 3.7.1 | Metro Ethernet 3600X/3800X AC power supply |
| PWR-390W-DC | 3.7.1 | Metro Ethernet 3600X/3800X DC power supply |
| SFP-10G-LR | 3.7.1 | 10Gigabit XFP Multi Mode  Long Reach |
| SFP-10G-LRM | 3.7.1 | 10GBASE-LRM SFP+ transceiver module for MMF and SMF, 1310-nm wavelength, LC duplex connector |
| SFP-10G-SR | 3.7.1 | 10Gigabit XFP Multi Mode Short Reach |
| SFP-GE-L | 3.7.1 | 1000BASE-LH/LX pluggable transceiver |
| SFP-GE-S | 3.7.1 | 1000BASE-Sx Short wavelength gigabit ethernet SFP. |

# Cisco ME 3800X—Supported Technologies

The following technologies are supported by the Cisco ME 3800X in Cisco Prime Network 3.8:


- IP, page 7-92
- Routing Protocols, page 7-95
- Ethernet, page 7-98
- TDM/DSx, page 7-111
- MPLS, page 7-115
- MPLS-TE, page 7-116
- VPN (VRF), page 7-118
- PWE3, page 7-120
- Security, page 7-121
- Hardware, page 7-122

# Cisco ME 3800X—Supported Service Events

*Table 7-76 Supported Service Events for Cisco ME 3800X—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.7.1 | Y |
| All IP Interfaces Down | 3.7.1 | Y |
| BGP process up | 3.7.1 | N |
| Card Down | 3.7.1 | Y |
| Card Up | 3.7.1 | Y |
| CPU utilization exceeded upper threshold | 3.6.0 | N |
| Device Unsupported | 3.7.1 | N |
| Keepalive configured | 3.7.1 | N |
| Keepalive not configured | 3.7.1 | N |
| Layer 2 Tunnel Down | 3.7.1 | N |
| Link up | 3.7.1 | N |
| Memory utilization exceeded upper threshold | 3.7.1 | N |
| Module Unsupported | 3.7.1 | Y |
| MPLS Black Hole found | 3.7.1 | N |
| Pluggable transceiver out | Prime Network 3.8 | N |
| Rep port role change | Prime Network 3.8 | Y |

# Cisco ACE 4700 Series Access Control Engine

This section includes the following information about Cisco ACE 4700 switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco ACE 4700 Series Access Control Engine.

## Cisco ACE 4700—Supported Software Versions

*Table 7-77 Supported Software Versions for Cisco ACE 4700—Cisco Prime Network 3.8*

| Software Version | Product_Version |
|---|---|
| ACE Appliance SW 3.2 | 3.7.1 |

## Cisco ACE 4700—Supported Topologies

*Table 7-78 Supported Topologies for Cisco ACE 4700—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Business | Business | 3.7.1 |
| Ethernet | Ethernet | 3.7.1 |
| Physical Layer | Physical Layer | 3.7.1 |

## Cisco ACE 4700—Supported Technologies

The following technologies are supported by the Cisco ACE 4700 in Cisco Prime Network 3.8:

# Cisco ACE 4700—Supported Service Events

*Table 7-79 Supported Service Events for Cisco ACE 4700—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active ip interfaces found | 3.7.1 | N |
| All ip interfaces down | 3.7.1 | N |
| BFD connectivity down | 3.7.1 | N |
| BFD connectivity up | 3.7.1 | N |
| BFD neighbor found | 3.7.1 | N |
| BFD neighbor loss | 3.7.1 | N |
| BGP link down due to admin | 3.7.1 | N |
| BGP link down due to oper | 3.7.1 | N |
| BGP link down vrf due to admin | 3.7.1 | N |
| BGP link down vrf due to oper | 3.7.1 | N |
| BGP link up | 3.7.1 | N |
| BGP neighbor found | 3.7.1 | N |
| BGP neighbor loss due to admin | 3.7.1 | N |
| BGP neighbor loss due to oper | 3.7.1 | N |
| BGP neighbor loss VRF due to admin | 3.7.1 | N |
| BGP neighbor loss VRF due to oper | 3.7.1 | N |
| BGP process down | 3.7.1 | N |
| BGP process up | 3.7.1 | N |
| Card down | 3.7.1 | N |
| Card in | 3.7.1 | N |
| Card out | 3.7.1 | N |
| Card up | 3.7.1 | N |
| Device Managed | 3.7.1 | N |
| Device Partially Managed | 3.7.1 | N |
| Device Unsupported | 3.7.1 | N |
| Discarded packet rate exceeded upper threshold | 3.7.1 | N |
| Discarded packet rate is below lower threshold | 3.7.1 | N |
| Dropped packet rate exceeded upper threshold | 3.7.1 | N |
| Dropped packet rate is below lower threshold | 3.7.1 | N |
| DS1 Path down due to Admin | 3.7.1 | N |

*Table 7-79 Supported Service Events for Cisco ACE 4700—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| DS1 Path down due to Card | 3.7.1 | N |
| DS1 Path down due to Oper | 3.7.1 | N |
| DS1 Path Link down due to Card event | 3.7.1 | N |
| DS1 Path Link down on unreachable | 3.7.1 | N |
| DS1 Path up | 3.7.1 | N |
| DS3 Path down due to Admin | 3.7.1 | N |
| DS3 Path down due to Card | 3.7.1 | N |
| DS3 Path down due to Oper | 3.7.1 | N |
| DS3 Path Link down due to admin down | 3.7.1 | N |
| DS3 Path Link down due to Card event | 3.7.1 | N |
| DS3 Path Link down due to oper down | 3.7.1 | N |
| DS3 Path Link down on unreachable | 3.7.1 | N |
| DS3 Path Link up | 3.7.1 | N |
| DS3 Path up | 3.7.1 | N |
| Dual stack IP added | 3.7.1 | N |
| Dual stack IP removed | 3.7.1 | N |
| GRE tunnel down | 3.7.1 | N |
| GRE tunnel up | 3.7.1 | N |
| High priority member down | 3.7.1 | N |
| High Priority MPLS-TE tunnel down | 3.7.1 | N |
| Interface status down | 3.7.1 | N |
| Interface status up | 3.7.1 | N |
| keepalive configured | 3.7.1 | N |
| keepalive not configured | 3.7.1 | N |
| l2tp peer established | 3.7.1 | N |
| l2tp peer is removed | 3.7.1 | N |
| l2tp peer not established | 3.7.1 | N |
| Layer 2 tunnel up | 3.7.1 | N |
| LDP neighbor down | 3.7.1 | N |
| LDP neighbor up | 3.7.1 | N |
| Link down due to admin down | 3.7.1 | N |
| Link down due to Card event | 3.7.1 | N |
| Link down due to oper down | 3.7.1 | N |

*Table 7-79 Supported Service Events for Cisco ACE 4700—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Link down on unreachable | 3.7.1 | N |
| Link over utilized | 3.7.1 | N |
| Link up | 3.7.1 | N |
| Link utilization normal | 3.7.1 | N |
| Local switching entry down | 3.7.1 | N |
| Local switching entry up | 3.7.1 | N |
| Logical port down | 3.7.1 | N |
| Logical port up | 3.7.1 | N |
| Low priority member down | 3.7.1 | N |
| Low Priority MPLS-TE tunnel down | 3.7.1 | N |
| Management Unreachable | 3.7.1 | N |
| Medium priority member down | 3.7.1 | N |
| Medium Priority MPLS-TE tunnel down | 3.7.1 | N |
| Memory utilization exceeded upper threshold | 3.7.1 | N |
| Memory utilization less than lower threshold | 3.7.1 | N |
| MPLS Black hole cleared | 3.7.1 | N |
| MPLS Black hole found | 3.7.1 | N |
| MPLS interface added | 3.7.1 | N |
| MPLS interface removed | 3.7.1 | N |
| MPLS TE FRR State Changed to Active | 3.7.1 | N |
| MPLS TE FRR State Changed to Ready | 3.7.1 | N |
| MPLS-TE tunnel down | 3.7.1 | N |
| MPLS-TE tunnel up | 3.7.1 | N |
| OSPF Neighbor Down | 3.7.1 | N |
| OSPF Neighbor Up | 3.7.1 | N |
| Port down due to admin | 3.7.1 | N |
| Port down due to Card down | 3.7.1 | N |
| Port down due to Card out | 3.7.1 | N |
| Port down due to oper | 3.7.1 | N |
| Port up | 3.7.1 | N |
| Primary HSRP interface is active | 3.7.1 | N |
| Primary HSRP interface is not active | 3.7.1 | N |

*Table 7-79 Supported Service Events for Cisco ACE 4700—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| rx dormant | 3.7.1 | N |
| rx dormant normal | 3.7.1 | N |
| Rx utilization exceeded upper threshold | 3.7.1 | N |
| Rx utilization is below lower threshold | 3.7.1 | N |
| Secondary HSRP interface is active | 3.7.1 | N |
| Secondary HSRP interface is not active | 3.7.1 | N |
| Service down | 3.7.1 | N |
| Service up | 3.7.1 | N |
| Shelf in | 3.7.1 | N |
| Shelf out | 3.7.1 | N |
| SONET Path down due to Admin | 3.7.1 | N |
| SONET Path down due to Card | 3.7.1 | N |
| SONET Path Link down due to Card event | 3.7.1 | N |
| SONET Path Link down on unreachable | 3.7.1 | N |
| SONET Path up | 3.7.1 | N |
| tx dormant | 3.7.1 | N |
| tx dormant normal | 3.7.1 | N |
| Tx utilization exceeded upper threshold | 3.7.1 | N |
| Tx utilization is below lower threshold | 3.7.1 | N |
| VC changed | 3.7.1 | N |
| VC removed | 3.7.1 | N |
| VC Restored | 3.7.1 | N |
| fan-tray down | Prime Network 3.8 | N |
| fan-tray out | Prime Network 3.8 | N |
| power-supply down | Prime Network 3.8 | N |

# Cisco Service Control Engines

This section includes the following information about Cisco SCE switches.

This section contains the following topics:



**Note** For information on the NE types supported in Cisco Prime Network 3.8, see Cisco Service Control Engines.

## Cisco SCE—Supported Topologies

*Table 7-80 Supported Topologies for Cisco SCE—Cisco Prime Network 3.8*

| Topology Type | Link Type | Product_Version |
|---|---|---|
| Business | Business | 3.7 |
| Ethernet | Ethernet | 3.7 |
| Physical Layer | Physical Layer | 3.7 |

## Cisco SCE—Supported Technologies

The following technologies are supported by the Cisco SCE in Cisco Prime Network 3.8:



## Cisco SCE—Supported Service Events

*Table 7-81 Supported Service Events for Cisco SCE—Cisco Prime Network 3.8*

| Event Name | Product_Version | Expedited |
|---|---|---|
| Active IP Interfaces Found | 3.7.1 | Y |
| All IP Interfaces Down | 3.7.1 | Y |
| BGP process up | 3.7.1 | N |
| Card Down | 3.7.1 | Y |
| Card Up | 3.7.1 | Y |

*Table 7-81 Supported Service Events for Cisco SCE—Cisco Prime Network 3.8 (Continued)*

| Event Name | Product_Version | Expedited |
|---|---|---|
| CPU utilization exceeded upper threshold | 3.7.1 | N |
| Device Unsupported | 3.7.1 | Y |
| Layer 2 Tunnel Down | 3.7.1 | N |
| Link up | 3.7.1 | N |
| Memory utilization exceeded upper threshold | 3.7.1 | N |
| Module Unsupported | 3.7.1 | Y |
| MPLS Black Hole found | 3.7.1 | N |

# Supported Technologies on Cisco Switches

The following sections list the objects and attributes that are supported on Cisco switches in Cisco Prime Network 3.8 per technology:

This section contains the following topics:

- CDP, page 7-129
- Discovery Protocol, page 7-130
- Ethernet OAM, page 7-130


# IP

*Table 7-82 IP Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IIPInterface** | | | | | | | | | | | | | | | | | | | | | | |
| IP Address | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Subnetwork Mask | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| IP Interface Addresses Array | | Y | | | Y | Y | | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Interface Name | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Interface Description | | | | | | Y | | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y |
| IP Interface State | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| OSPF Interface Cost | | | | | | | | | | | | | | | | | | | | | | |
| Broadcast Address | | | | | | | | | Y | | | | | | | | | | | | | |
| MTU | | | | | | | | | | | | | | | | | | | | | | |
| Lookup Method | | | | | | | | | | | | | | | | | | | | | | |
| Address Resolution Type | | | | | | | | | | | | | | | | | | | | | | |
| ARP Timeout | | | | | | | | | | | | | | | | | | | | | | |
| Secured ARP | | | | | | | | | | | | | | | | | | | | | | |
| ICMP Mask Reply | | | | | | | | | | | | | | | | | | | | | | |
| IGMP Proxy | | | | | | | | | | | | | | | | | | | | | | |
| HSRP Groups | | | | | | | | Y | | Y[1] | | | | | Y | Y | | | Y | Y | | |
| IP Multiplexing Table | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | | Y | | | | | | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IIPMuxEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Termination Point | | | | | Y | Y | | Y | | | | | | | Y | Y | | | | | | |
| Destination IP Subnet | | | | | Y | Y | | Y | | | | | | | Y | Y | | | | | | |
| **IMO Name—IRoutingEntity** | | | | | | | | | | | | | | | | | | | | | | |
| Routing Table | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| ARP Entity | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | |
| Routing Table Changes | | | | | | | | | | | | | Y | | | | | | | | | |

*Table 7-82 IP Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Name | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | | Y | Y | | |
| Logical Sons | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | | Y | Y | | |
| **IMO Name—IRoutingEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Destination IP Subnet | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| Next Hop IP Address | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| Type | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| Routing Protocol Type | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| Outgoing Interface Name | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| **IMO Name—IARPEntity** | | | | | | | | | | | | | | | | | | | | | | |
| ARP Table | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| **IMO Name—IARPEntry** | | | | | | | | | | | | | | | | | | | | | | |
| IP Address | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| MAC Address | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Port | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Entry Type | | | | | | | | Y | Y | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y |
| **IMO Name—IIPPool** | | | | | | | | | | | | | | | | | | | | | | |
| IP Address Pool Entries | | | | | | | | | | | | | | | | | | | | | | |
| Name | | | | | | | | | | | | | | | | | | | | | | |
| Index | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IIPRangeBasedIPPoolEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Start IP Address | | | | | | | | | | | | | | | | | | | | | | |
| End IP Address | | | | | | | | | | | | | | | | | | | | | | |
| Unused Addresses | | | | | | | | | | | | | | | | | | | | | | |
| Used Addresses | | | | | | | | | | | | | | | | | | | | | | |
| Reserved Addresses | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IIPSubnetBasedIPPoolEntry** | | | | | | | | | | | | | | | | | | | | | | |
| IP Subnet | | | | | | | | | | | | | | | | | | | | | | |
| Unused Addresses | | | | | | | | | | | | | | | | | | | | | | |
| Used Addresses | | | | | | | | | | | | | | | | | | | | | | |
| Reserved Addresses | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—HSRPGroupEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Group Number | | | | | | | | Y | | Y[2] | Y[1,2] | | | | Y | Y | | | Y | Y | | |
| Port Description | | | | | | | | Y | | Y[3] | Y[1,3] | | | | Y | Y | | | Y | Y | | |

*Table 7-82 IP Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Priority | | | | | | | | Y | | Y[4] | Y[14] | | | | Y | Y | | | Y | Y | | |
| Coupled Router | | | | | | | | Y | | Y[5] | Y[15] | | | | Y | Y | | | Y | Y | | |
| State | | | | | | | | Y | | Y[6] | Y[16] | | | | Y | Y | | | Y | Y | | |
| Tracking Interfaces | | | | | | | | | | | | | | | | | | | Y | | | |
| Virtual IP Address | | | | | | | | Y | | Y[7] | Y[117] | | | | Y | Y | | | Y | Y | | |
| Virtual MAC Address | | | | | | | | Y | | Y[8] | Y[18] | | | | Y | Y | | | Y | Y | | |
| **IMO Name—ITunnelGRE** | | | | | | | | | | | | | | | | | | | | | | |
| Name | | | | | | | | Y | | Y[9] | Y[19] | Y | Y | | Y | Y | | | | | | |
| Tunnel Destination and Source | | | | | | | | Y | | Y[10] | Y[20] | Y | Y | | Y | Y | | | | | | |
| IP Address | | | | | | | | Y | | Y[11] | Y[21] | Y | Y | | Y | Y | | | | | | |
| IP Interface State | | | | | | | | | | | Y | | | | Y | Y | | | | | | |
| IANA Type | | | | | | | | | | | | | | | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Keep Alive Time | | | | | | | | Y | | Y | Y | | Y | | | | | | | | | |
| Keep Alive Retry | | | | | | | | Y | | Y | Y | | Y | | | | | | | | | |
| **IMO Name—IVrrpGroupEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Group Number | | | | | | | | | | | | | | | | | | | | | | |
| State | | | | | | | | | | | | | | | | | | | | | | |
| Port Description | | | | | | | | | | | | | | | | | | | | | | |
| Master IP Address | | | | | | | | | | | | | | | | | | | | | | |
| Primary IP Address | | | | | | | | | | | | | | | | | | | | | | |
| Priority | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Mac Address | | | | | | | | | | | | | | | | | | | | | | |
| Preempt Mode | | | | | | | | | | | | | | | | | | | | | | |
| Admin State | | | | | | | | | | | | | | | | | | | | | | |
| Advertisement Interval | | | | | | | | | | | | | | | | | | | | | | |
| Tracking Interfaces | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-82 IP Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IIPSLAResponderService** | | | | | | | | | | | | | | | | | | | | | | |
| responderStatus | | | Y | | | | | | | | | | | | | | | | | | | |
| TWAMPResponderStatus | | | Y | | | | | | | | | | | | | | | | | | | |
| tcpConnect | | | Y | | | | | | | | | | | | | | | | | | | |
| udpEcho | | | Y | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IIPAddressPortPair** | | | | | | | | | | | | | | | | | | | | | | |
| type | | | Y | | | | | | | | | | | | | | | | | | | |
| ipAddress | | | Y | | | | | | | | | | | | | | | | | | | |
| port | | | Y | | | | | | | | | | | | | | | | | | | |

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11] Supported for 4503E, 4507RE, 4507, and 4506E only.

[12, 13, 14, 15, 16, 17, 18, 19, 20, 21] Validated with 12.2(52)SG only.

# Routing Protocols

*Table 7-83 Routing Protocols Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IBgpNeighborEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Remote Identifier | | | | | | Y | | Y | | Y[1] | Y[12] | Y | | | Y | Y | Y | | Y | Y | | |
| Neighbor Type | | | | | | | | | | | | | | | | | Y | | | | | |
| Distributing Interfaces | | | | | | | | | | | | | | | | | | | | | | |
| Remote Address | | | | | | Y | | Y | | Y[2] | Y[13] | Y | | | Y | Y | Y | | Y | Y | | |
| Remote Autonomous System | | | | | | Y | | Y | | Y[3] | Y[14] | Y | | | Y | Y | Y | | Y | Y | | |
| Peer State | | | | | | Y | | Y | | Y[4] | Y[15] | Y | | | Y | Y | Y | | Y | Y | | |
| Peer AdminState | | | | | | | | Y | | | | | | | | | Y | | | | | |
| Hold Time | | | | | | Y | | Y | | Y[5] | Y[16] | Y | | | Y | Y | Y | | Y | Y | | |
| Keep Alive Time | | | | | | Y | | Y | | Y[6] | Y[17] | Y | | | Y | Y | Y | | Y | Y | | |

*Table 7-83 Routing Protocols Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VrfName | | | | | | | | | | | | | | | | | Y | | | | | |
| Address family | | | | | | Y | | | | | | | | | | | Y | | | | | |
| **IMO Name—IOspfEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Area Identifier | | | Y | | | | | Y | | Y[7] | Y[18] | Y | | | Y | Y | | | Y | Y | | |
| IP Address | | | Y | | | | | Y | | Y[8] | Y[19] | Y | | | Y | Y | | | Y | Y | | |
| Type | | | Y | | | | | Y | | Y[9] | Y[20] | Y | | | Y | Y | | | Y | Y | | |
| Administrative Status | | | Y | | | | | Y | | Y[10] | Y[21] | Y | | | Y | Y | | | Y | Y | | |
| Ospf Entry State | | | Y | | | | | Y | | Y[11] | Y[22] | Y | | | Y | Y | | | Y | Y | | |
| **IMO Name—IOspfProcess** | | | | | | | | | | | | | | | | | | | | | | |
| Process Id | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| OSPF Version | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Router Id | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| **IMO Name—IOspfNeighbor** | | | | | | | | | | | | | | | | | | | | | | |
| Neighbor Id | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Outgoing Interface | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| State | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Neighbor Interface Address | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Area Id | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| **IMO Name—IOspfInterface** | | | | | | | | | | | | | | | | | | | | | | |
| Area Id | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Network Type | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Cost | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| State | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Interface Address | | | | | | | | | | | | | | | | | | | | | | |
| Type | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| IF Proirity | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| DR Id | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| BDR Id | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| **IMO Name—ISpfTimers** | | | | | | | | | | | | | | | | | | | | | | |
| Schedule Delay | | | | | | | | | | | | | | | | | Y | | Y | Y | | |

*Table 7-83 Routing Protocols Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Min Hold Time | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| Max Wait Time | | | | | | | | | | | | | | | | | Y | | Y | Y | | |
| **IMO Name—IISISProcess** | | | | | | | | | | | | | | | | | | | | | | |
| ISIS Version | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Manual Area Address | | | | | | | | | | | | | | | | | | | Y | Y | | |
| IS Type | | | | | | | | | | | | | | | | | | | Y | Y | | |
| System Id | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Process Id | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—IISISMetric** | | | | | | | | | | | | | | | | | | | | | | |
| IS Type | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Metric Style | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Metric Value | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Address Family | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—IISISInterface** | | | | | | | | | | | | | | | | | | | | | | |
| Interface Name | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—IISISNeighbor** | | | | | | | | | | | | | | | | | | | | | | |
| IS Type | | | | | | | | | | | | | | | | | | | Y | Y | | |
| System Id | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Admin State | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Hold Time | | | | | | | | | | | | | | | | | | | Y | Y | | |
| SNPA | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Interface Name | | | | | | | | | | | | | | | | | | | Y | Y | | |
| IP Address | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Adress Family | | | | | | | | | | | | | | | | | | | Y | Y | | |

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11] Supported for 4503E, 4507RE, 4507, and 4506E only.

[12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22] Validated with 12.2(52)SG only.

# Ethernet

*Table 7-84 Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ILinkAggregationGroup802dot3ad** | | | | | | | | | | | | | | | | | | | | | | |
| dot3adAggMACAddress | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggActorSystemPriority | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggActorSystemID | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggActorAdminKey | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggActorOperKey | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggPartnerSystemID | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggPartnerSystemPriority | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggPartnerOperKey | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| dot3adAggCollectorMaxDelay | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| GroupNumber | | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | |
| AggregationProtocolType | | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | |
| MacAddress | | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | |
| ChannelAdminStatus | | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | |
| ChannelOperStatus | | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | |
| **IMO Name—IEthernet** | | | | | | | | | | | | | | | | | | | | | | |
| MAC Address | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | | Y |
| Duplex Mode | | | | | | | | | | | | | | | | | | | | | | |
| Output Flow Control | | | | | | | | | | | | | | | | | | | | | | |
| Input Flow Control | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | | Y | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Port Type | | | Y | | | | | | | | | | | | | | | | | | | |
| isElmiEnabled | | | | | | | | Y | | | | | | | Y | | | | | | | |
| isLOAMEnabled | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IVlanInterface** | | | | | | | | | | | | | | | | | | | | | | |
| Mode | | | Y | | Y | Y | Y | Y | | Y[1] | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Native VLAN Identification | | | Y | | Y | Y | Y | Y | | Y[2] | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Virtual LAN Table | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-84 Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IANA Type | | | | | | | | | | | | | | | | Y | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | Y | Y | | |
| vlanAdminType | | | Y | | | | | Y | | | Y | | | Y | | | | | Y | Y | | |
| vlanencapType | | | Y | | | | | Y | | | Y | | | Y | | | | | Y | Y | | |
| getAccess | | | | | | | | | | | | | | | | | | | | | | |
| Allowed Vlans | | | | | | | | Y | | | Y | | | Y | | | | | Y | Y | | |
| **IMO Name—IVlanEncapMux** | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | Y | Y | | | | | | | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IVlanMapping** | | | | | | | | | | | | | | | | | | | | | | |
| direction | | | Y[3] | | | | | Y | | | | | | | Y | Y | | | | | | |
| vlanMatchCriteria | | | Y[4] | | | | | Y | | | | | | | Y | Y | | | | | | |
| vlanRewriteDefinition | | | Y[5] | | | | | Y | | | | | | | Y | Y | | | | | | |
| Drop | | | Y[6] | | | | | Y | | | | | | | Y | Y | | | | | | |
| Vlan | | | Y[7] | | | | | Y | | | | | | | Y | Y | | | | | | |
| innerVlan | | | Y[8] | | | | | Y | | | | | | | Y | Y | | | | | | |
| translatedVlan | | | Y[9] | | | | | Y | | | | | | | Y | Y | | | | | | |
| translatedInnerVlan | | | Y[10] | | | | | Y | | | | | | | Y | Y | | | | | | |
| **IMO Name—IIEEE802** | | | | | | | | | | | | | | | | | | | | | | |
| VLAN Identification | | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y | | | | | | |
| Binding Information | | | | | | | | | | | | | | | | | | | | | | |
| Binding Status | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | Y | Y | Y | Y | Y | Y | Y | | | | | Y | Y | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IStpService** | | | | | | | | | | | | | | | | | | | | | | |
| StpProtocol | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpMaxAge | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| StpHelloTime | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| StpBridgeForwardDelay | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| StpInstanceInfoTable | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |

*Table 7-84 Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Same as ISystemService | | | | | | | | | | | | | | | | | Y | | | | | |
| StpUplinkFastState | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpBackboneFastState | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpForwardDelay | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| StpBridgeMaxAge | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| StpBridgeHelloTime | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| **IMO Name—IMstService** | | | | | | | | | | | | | | | | | | | | | | |
| MstProperties | | Y | | | | | Y | | | | | | Y | | | | Y | | | | | |
| Same as IStpService | | Y | | | | | Y | | | | | | Y | | | | Y | | | | | |
| **IMO Name—IPvstpService** | | | | | | | | | | | | | | | | | | | | | | |
| UpLinkFast | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| BackboneFast | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| **IMO Name—IMstProperties** | | | | | | | | | | | | | | | | | | | | | | |
| MstForceVersion | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| MstCfgIdFmtSel | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| MstExternalRootCost | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| MstMaxInstances | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| MstCfgIdName | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| MstCfgIdRevLevel | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| **IMO Name—IStpInstanceInfo** | | | | | | | | | | | | | | | | | | | | | | |
| Object Identification | | | | | | | | | | | | | | | | | Y | | | | | |
| StpBridgeId | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| BridgePriority | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Designated Parent and Root Bridges | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpRootCost | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| IsRoot | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpRootPort | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpPortInfoTable | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| STP Instance Id | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Vlan Id | | | | | | | | | | | | | | | | | Y | | | | | |
| StpDesignatedBridge | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpDesignatedRoot | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |

*Table 7-84 Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IMstInstanceInfo** | | | | | | | | | | | | | | | | | | | | | | |
| MstVlanIds | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Same as IStpInstanceInfo | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| **IMO Name—IPvstpInstanceInfo** | | | | | | | | | | | | | | | | | | | | | | |
| Protocol Type | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpBridgeMaxAge | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpBridgeHelloTime | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpBridgeForwardDelay | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpProtocolSpecification | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpVlanId | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpForwardDelay | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| StpMaxAge | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| **IMO Name—IRstpInstanceInfo** | | | | | | | | | | | | | | | | | | | | | | |
| StpForceVersion | | Y | 11 | Y | Y | Y | 12 | 13 | Y | Y | Y | Y | | Y | 14 | Y | | | 15 | 16 | | |
| Same as IStpInstanceInfo | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | | | Y | Y | | |
| **IMO Name—IStpPortInfo** | | | | | | | | | | | | | | | | | | | | | | |
| StpPort | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortPriority | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortState | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortPathCost | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortEdgePort | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortPointToPoint | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortRole | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpDesignatedPortIdentifier | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpDesignatedBridge | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortIdentifier | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortBpduGuardState | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| StpPortBpduFilterState | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| **IMO Name—IMstPortInfo** | | | | | | | | | | | | | | | | | | | | | | |
| MstPortHelloTime | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | | | | Y | Y | | |
| Same as IStpPortInfo | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |
| **IMO Name—IPvstpPortInfo** | | | | | | | | | | | | | | | | | | | | | | |
| PvstpPortFastState | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | Y | | Y | Y | | |

*Table 7-84 Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IEthernetChannel** | | | | | | | | | | | | | | | | | | | | | | |
| Group Number | | Y[23] | Y | Y | Y[17] | Y[20] | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Bandwidth | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Aggregation Protocol | | Y[24] | Y | Y | Y[18] | Y[21] | Y | Y | Y | Y | Y | | | Y | Y | Y | Y | | Y | Y | | |
| IANA Type | | Y[25] | Y | Y | Y[19] | Y[22] | Y | Y | Y | Y | Y | | | Y | Y | Y | Y | | Y | Y | | |
| Containing CTPs | | | | | | | | | | | | | | | | | Y | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | Y | | | | | |
| Mac Address | | | | | | | | Y | | | | | | | | | Y | | Y | Y | | |
| Admin Status | | | | | | | | Y | | | | | | Y | | | Y | | Y | Y | | |
| Oper Status | | | | | | | | Y | | | | | | Y | | | Y | | Y | Y | | |
| **IMO Name—ITokenRingLayer2** | | | | | | | | | | | | | | | | | | | | | | |
| MAC Address | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ITokenRingLayer1** | | | | | | | | | | | | | | | | | | | | | | |
| Same as IPhysicalLayer | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IVtpService** | | | | | | | | | | | | | | | | | | | | | | |
| Version | Y | Y | 43 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| OperatingMode | Y | Y | 44 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| DomainName | | Y | 45 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| ConfigurationRevision | Y | Y | 46 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| isPruningEnabled | Y | Y | 47 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| isAuthenticationEnabled | Y | Y | 48 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | | |
| **IMO Name—IREPService** | | | | | | | | | | | | | | | | | | | | | | |
| version | | Y[26] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| administrativeVlan | | Y[27] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| notificationEnabled | | Y[28] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |

*Table 7-84 Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IREPSegmentInfo** | | | | | | | | | | | | | | | | | | | | | | |
| segmentId | | Y[29] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| segmentComplete | | Y[30] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| **IMO Name—IREPPortInfo** | | | | | | | | | | | | | | | | | | | | | | |
| portName | | Y[31] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| portKey | | Y[32] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| segmentId | | Y[33] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| portType | | Y[34] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| portRole | | Y[35] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| operStatus | | Y[36] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| blockedVlans | | Y[37] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| preemptTimer | | Y[38] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| lslAgeoutTimer | | Y[39] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| remoteDeviceName | | Y[40] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| remoteDeviceMac | | Y[41] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| remotePortName | | Y[42] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| configuredLoadBalancingBlockedVlans | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| **IMO Name—IBridgeILan** | | | | | | | | | | | | | | | | | | | | | | |
| Id | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IIBBridgeEntry** | | | | | | | | | | | | | | | | | | | | | | |
| IS Id | | | | | | | | | | | | | | | | | | | | | | |
| IBridge | | | | | | | | | | | | | | | | | | | | | | |
| BBridge | | | | | | | | | | | | | | | | | | | | | | |

[1] [2]Supported for 12.2(25)EWA14 only.

[3] 4, 5, 6, 7, 8, 9, [10]Supported only on ME3400-E devices

[11], 12, 13, 14, 15, [16], CSCti41937.

[1], 17, 18, 19, [2] 21, [22],SNMP is supported on ANA 3.6.0 and later.

[223], 24, [25],SNMP is supported from ANA 3.6.0

[4],26 [27][28] 29 30 31, 32, 33, 34, [35][36], 37, 38, 39, 40, [41] [42]Not Supported on IOS version 12.2(25)SEE2

[43][24], [45],[46][47] [48] ,The MIB provides data by default, but the device does not support VTP.

# ATM

*Table 7-85 ATM Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IAtm** | | | | | | | | | | | | | | | | | | | | | | |
| ATM Address | | | | | | | | | | | | | | | | | | | | | | |
| Interface Type | | | | | | | | | | | | | | | | | | | | | | |
| VP and VC Ranges | | | | | | | | | | | | | | | | | | | | | | |
| VC Table | | | | | | | | | | | | | | | Y | | | | | | | |
| Cross-Connect Table | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | Y | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Tx Allocated Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| Tx Maximum Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| Tx UBR Allocated Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| Tx CBR Allocated Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| Rx Allocated Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| Rx Maximum Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| Rx UBR Allocated Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| Rx CBR Allocated Bandwidth | | | | | | | | | | | | | | | Y | | | | | | | |
| **IMO Name—IAtmVc** | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Channel Identifier | | | | | | | | | | | | | | | Y | | | | | | | |
| Virtual Path Identifier | | | | | | | | | | | | | | | Y | | | | | | | |
| Shaping Profile | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-85 ATM Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Discarded and Received Input Data Counters | | | | | | | | | | | | | | | Y | | | | | | | |
| Dropped and Forward Output Data Counters | | | | | | | | | | | | | | | Y | | | | | | | |
| Ingress Traffic Descriptor | | | | | | | | | | | | | | | Y | | | | | | | |
| Egress Traffic Descriptor | | | | | | | | | | | | | | | Y | | | | | | | |
| Administrative Status | | | | | | | | | | | | | | | Y | | | | | | | |
| Operational Status | | | | | | | | | | | | | | | Y | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IAtmTrafficDescriptor** | | | | | | | | | | | | | | | | | | | | | | |
| Traffic Descriptor Type | | | | | | | | | | | | | | | Y | | | | | | | |
| Service Category | | | | | | | | | | | | | | | Y | | | | | | | |
| Cell Loss Priority | | | | | | | | | | | | | | | Y | | | | | | | |
| Cell Delay Variation | | | | | | | | | | | | | | | | | | | | | | |
| Cell Delay Variation Tolerance | | | | | | | | | | | | | | | Y | | | | | | | |
| Maximum High Priority and Aggregate Cell Rates | | | | | | | | | | | | | | | Y | | | | | | | |
| Minimum High Priority and Aggregate Cell Rates | | | | | | | | | | | | | | | Y | | | | | | | |
| Sustainable High Priority and Aggregate Cell Rates | | | | | | | | | | | | | | | Y | | | | | | | |
| Peak High Priority and Aggregate Cell Rates | | | | | | | | | | | | | | | Y | | | | | | | |
| Name | | | | | | | | | | | | | | | | | | | | | | |
| Index | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IAtmTrafficShapingDescriptor** | | | | | | | | | | | | | | | | | | | | | | |
| Maximum Burst Size | | | | | | | | | | | | | | | | | | | | | | |
| Sustainable and Peak Cell Rates | | | | | | | | | | | | | | | | | | | | | | |
| Cell Delay Variation | | | | | | | | | | | | | | | | | | | | | | |
| State | | | | | | | | | | | | | | | | | | | | | | |
| Buffer Size | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-85 ATM Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cell Loss Priority Discarded Size | | | | | | | | | | | | | | | | | | | | | | |
| Name | | | | | | | | | | | | | | | | | | | | | | |
| Index | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IAtmTrunk** | | | | | | | | | | | | | | | | | | | | | | |
| Same as IAtm | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IAtmLogicalPort/Trunk** | | | | | | | | | | | | | | | | | | | | | | |
| Resource Management Cell Termination | | | | | | | | | | | | | | | | | | | | | | |
| Resource Management Cell Generation | | | | | | | | | | | | | | | | | | | | | | |
| Effective Check Input and Output Capacities | | | | | | | | | | | | | | | | | | | | | | |
| Admin Status | | | | | | | | | | | | | | | | | | | | | | |
| Oper Status | | | | | | | | | | | | | | | | | | | | | | |
| Same as IAtm | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IAtmTrunkVc** | | | | | | | | | | | | | | | | | | | | | | |
| Destination Description | | | | | | | | | | | | | | | | | | | | | | |
| Same as IAtmVc | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IVcSwitchingEntity** | | | | | | | | | | | | | | | | | | | | | | |
| Cross Connect Table | | | | | | | | | | | | | | | | | | | | | | |
| crossConnectTableSize | | | | | | | | | | | | | | | | | | | | | | |
| Logical Sons | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IIMAGroup** | | | | | | | | | | | | | | | | | | | | | | |
| AdminStatus | | | | | | | | | | | | | | | | | | | | | | |
| OperStatus | | | | | | | | | | | | | | | | | | | | | | |
| GroupNumber | | | | | | | | | | | | | | | | | | | | | | |
| ImaVersion | | | | | | | | | | | | | | | | | | | | | | |
| Speed | | | | | | | | | | | | | | | | | | | | | | |
| ConfiguredBandwidth | | | | | | | | | | | | | | | | | | | | | | |
| NumberOfLinks | | | | | | | | | | | | | | | | | | | | | | |
| NumberOfActiveLinks | | | | | | | | | | | | | | | | | | | | | | |
| MinimumNumberOfTxLinks | | | | | | | | | | | | | | | | | | | | | | |
| MinimumNumberOfRxLinks | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-85 ATM Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ClockMode | | | | | | | | | | | | | | | | | | | | | | |
| FrameLength | | | | | | | | | | | | | | | | | | | | | | |
| interfaceName | | | | | | | | | | | | | | | | | | | | | | |
| groupStatus | | | | | | | | | | | | | | | | | | | | | | |

# Frame Relay

*Table 7-86 Frame Relay Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IFrameRelay/IFrTrunk** | | | | | | | | | | | | | | | | | | | | | | |
| Protocol Type | | | | | | | | | | | | | | | | | | | | | | |
| VC Table | | | | | | | | | | | | | | | | | | | | | | |
| Cross-Connect Table | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IFrVc** | | | | | | | | | | | | | | | | | | | | | | |
| Data Link Connection Identifier | | | | | | | | | | | | | | | | | | | | | | |
| Traffic Descriptor | | | | | | | | | | | | | | | | | | | | | | |
| Discard and Received Input Data Counters | | | | | | | | | | | | | | | | | | | | | | |
| Dropped and Forward Output Data Counters | | | | | | | | | | | | | | | | | | | | | | |
| Ingress Traffic Descriptor | | | | | | | | | | | | | | | | | | | | | | |
| Egress Traffic Descriptor | | | | | | | | | | | | | | | | | | | | | | |
| Administrative Status | | | | | | | | | | | | | | | | | | | | | | |
| Operational Status | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-86 Frame Relay Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IFRTrafficDescriptor** | | | | | | | | | | | | | | | | | | | | | | |
| Committed Rate | | | | | | | | | | | | | | | | | | | | | | |
| Excess Burst Rate | | | | | | | | | | | | | | | | | | | | | | |
| Name | | | | | | | | | | | | | | | | | | | | | | |
| Index | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IFrameRelayLogicalPort/Trunk** | | | | | | | | | | | | | | | | | | | | | | |
| Admin Status | | | | | | | | | | | | | | | | | | | | | | |
| Oper Status | | | | | | | | | | | | | | | | | | | | | | |
| Same as IFrameRelay | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IFrTrunkVc** | | | | | | | | | | | | | | | | | | | | | | |
| Destination Description | | | | | | | | | | | | | | | | | | | | | | |
| Same as IFrVc | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IEncapsulation** | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Connection Interface | | | | | | | | | | | | | | Y | | | | | | | | |
| Binding Information | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IFramerelayLogicalPort/Trunk** | | | | | | | | | | | | | | | | | | | | | | |
| Admin Status | | | | | | | | | | | | | | | | | | | | | | |
| Oper Status | | | | | | | | | | | | | | | | | | | | | | |
| Same as IFrameRelay | | | | | | | | | | | | | | | | | | | | | | |

# PPP

*Table 7-87 PPP Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IVcBasedEncapsulation** | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Connection | | | | | | | | | | | | | | | | | | | | | | |
| Binding Information | | | | | | | | | | | | | | | | | | | | | | |
| Binding Status | | | | | | | | | | | | | | Y | | | | | | | | |
| IANA Type | | | | | | | | | | | | | | Y | | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-87 PPP Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IMLPPP** | | | | | | | | | | | | | | | | | | | | | | |
| InterfaceName | | | | | | | | | | | | | | | | | | | | | | |
| GroupNumber | | | | | | | | | | | | | | | | | | | | | | |
| MTU | | | | | | | | | | | | | | | | | | | | | | |
| FragmentDelay | | | | | | | | | | | | | | | | | | | | | | |
| FragmentDisable | | | | | | | | | | | | | | | | | | | | | | |
| FragmentMaximum | | | | | | | | | | | | | | | | | | | | | | |
| FragmentSize | | | | | | | | | | | | | | | | | | | | | | |
| Interleave | | | | | | | | | | | | | | | | | | | | | | |
| Keepalive | | | | | | | | | | | | | | | | | | | | | | |
| KeepaliveTime | | | | | | | | | | | | | | | | | | | | | | |
| KeepaliveRetry | | | | | | | | | | | | | | | | | | | | | | |
| ActiveLink | | | | | | | | | | | | | | | | | | | | | | |
| MinimumConfiguredLink | | | | | | | | | | | | | | | | | | | | | | |
| MaximumConfiguredLink | | | | | | | | | | | | | | | | | | | | | | |
| LocalMRRU | | | | | | | | | | | | | | | | | | | | | | |
| RemoteMRRU | | | | | | | | | | | | | | | | | | | | | | |
| LoadThreshold | | | | | | | | | | | | | | | | | | | | | | |
| LCPStatus | | | | | | | | | | | | | | | | | | | | | | |
| AdminStatus | | | | | | | | | | | | | | | | | | | | | | |
| OperStatus | | | | | | | | | | | | | | | | | | | | | | |

# HDLC

*Table 7-88 HDLC Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IEncapsulation (HDLC/PPP)** | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Connection | | | | | | | | | | | | | | | | | | | | | | |
| Binding Information | | | | | | | | | | | | | | | Y | | | | | | | |
| Binding Status | | | | | | | | | | | | | | | Y | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | Y | | | | | | | |

*Table 7-88 HDLC Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |

# SONET/SDH

*Table 7-89 SONET/SDH Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ISonetSdh** | | | | | | | | | | | | | | | | | | | | | | |
| Specific Type | | | | | | | | | | | | | | | | | | | | | | |
| Loopback Type | | | | | | | | | | | | | | | Y | | | | | | | |
| Scrambling Mode | | | | | | | | | | | | | | | Y | | | | | | | |
| Same as IPhysicalLayer | | | | | | | | | | | | | | | | | | | | | | |
| TCAThresholdB1 | | | | | | | | | | | | | | | | | | | | | | |
| TCAThresholdB2 | | | | | | | | | | | | | | | | | | | | | | |
| TCAThresholdB3 | | | | | | | | | | | | | | | | | | | | | | |
| clocking | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IDS1PdhChannelized** | | | | | | | | | | | | | | | | | | | | | | |
| Au4Number | | | | | | | | | | | | | | | | | | | | | | |
| Au3Number | | | | | | | | | | | | | | | | | | | | | | |
| Sts1Number | | | | | | | | | | | | | | | | | | | | | | |
| Tug3Number | | | | | | | | | | | | | | | | | | | | | | |
| Tug2Number | | | | | | | | | | | | | | | | | | | | | | |
| VtNumber | | | | | | | | | | | | | | | | | | | | | | |
| C11Number | | | | | | | | | | | | | | | | | | | | | | |
| C12Number | | | | | | | | | | | | | | | | | | | | | | |
| Vt15Number | | | | | | | | | | | | | | | | | | | | | | |
| Vt2Number | | | | | | | | | | | | | | | | | | | | | | |
| T1Number | | | | | | | | | | | | | | | | | | | | | | |
| E1Number | | | | | | | | | | | | | | | | | | | | | | |
| PathType | | | | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-89 SONET/SDH Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ISonetSdhHop** | | | | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | | | | |
| AppliqueType | | | | | | | | | | | | | | | | | | | | | | |
| PathType | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ISonetSts1** | | | | | | | | | | | | | | | | | | | | | | |
| Sts1Number | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ISdhAu4** | | | | | | | | | | | | | | | | | | | | | | |
| Au4Number | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ISdhAu3** | | | | | | | | | | | | | | | | | | | | | | |
| Au3Number | | | | | | | | | | | | | | | | | | | | | | |

# TDM/DSx

*Table 7-90 TDM/DSx Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IDS0Bundle** | | | | | | | | | | | | | | | | | | | | | | |
| Bundled Time Slots | | | | | | | | | | | | | | | Y | | | | | | | |
| Bundle Location | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | | | | | | | | Y | | | | | | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| AdminStatus | | | | | | | | | | | | | | | | | | | | | | |
| OperStatus | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IDS1Pdh / IDS3Pdh** | | | | | | | | | | | | | | | | | | | | | | |
| Framing Type | | | | | | | | | | | | | | | | | | | | | | |
| Cell Mapping Type | | | | | | | | | | | | | | | | | | | | | | |
| Loopback Type | | | | | | | | | | | | | | | Y | | | | | | | |
| Scrambling Mode | | | | | | | | | | | | | | | Y | | | | | | | |
| Same as IPhysicalLayer | | | | | | | | | | | | | | | | | | | | | | |
| portDescription | | | | | | | | | | | | | | | | | | | | | | |
| internationalBit | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-90 TDM/DSx Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| nationalBits | | | | | | | | | | | | | | | | | | | | | | |
| framing | | | | | | | | | | | | | | | | | | | | | | |
| lineCode | | | | | | | | | | | | | | | | | | | | | | |
| cableLength | | | | | | | | | | | | | | | | | | | | | | |
| recoveredClockingId | | | | | | | | | | | | | | | | | | | | | | |
| clocking | | | | | | | | | | | | | | | | | | | | | | |
| loopback | | | | | | | | | | | | | | | | | | | | | | |
| alarmState | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IClockService** | | | | | | | | | | | | | | | | | | | | | | |
| ActiveClockSource | | | | | | | | | | | | | | | | | | | Y | Y | | |
| NcsMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| HoldTimeout | | | | | | | | | | | | | | | | | | | Y | Y | | |
| UseStratum4 | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Mode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| NcsPriorityList | | | | | | | | | | | | | | | | | | | Y | Y | | |
| PtpService | | | | | | | | | | | | | | | | | | | Y | Y | | |
| ClockSourceTable | | | | | | | | | | | | | | | | | | | Y | Y | | |
| PseudowireClockRecovery | | | | | | | | | | | | | | | | | | | Y | Y | | |
| SynchronousEthernet | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—IClockSource** | | | | | | | | | | | | | | | | | | | | | | |
| Priority | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Source | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Status | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Type | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—IPtpService** | | | | | | | | | | | | | | | | | | | | | | |
| Mode | | | | | | | | | | | | | | | | | | | | | | |
| ClockId | | | | | | | | | | | | | | | | | | | | | | |
| Domain | | | | | | | | | | | | | | | | | | | | | | |
| Priority1 | | | | | | | | | | | | | | | | | | | | | | |
| Priority2 | | | | | | | | | | | | | | | | | | | | | | |
| PtpEnabled | | | | | | | | | | | | | | | | | | | | | | |
| PtpInterfaceList | | | | | | | | | | | | | | | | | | | | | | |
| ptpState | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-90 TDM/DSx Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IPtpInterface** | | | | | | | | | | | | | | | | | | | | | | |
| Version | | | | | | | | | | | | | | | | | | | | | | |
| AnnounceInterval | | | | | | | | | | | | | | | | | | | | | | |
| AnnounceTimeout | | | | | | | | | | | | | | | | | | | | | | |
| DestinationAddress | | | | | | | | | | | | | | | | | | | | | | |
| SourceAddress | | | | | | | | | | | | | | | | | | | | | | |
| DelayReq | | | | | | | | | | | | | | | | | | | | | | |
| MasterMode | | | | | | | | | | | | | | | | | | | | | | |
| SlaveMode | | | | | | | | | | | | | | | | | | | | | | |
| SyncInterval | | | | | | | | | | | | | | | | | | | | | | |
| SyncLimit | | | | | | | | | | | | | | | | | | | | | | |
| InterfaceXid | | | | | | | | | | | | | | | | | | | | | | |
| Role | | | | | | | | | | | | | | | | | | | | | | |
| Transport | | | | | | | | | | | | | | | | | | | | | | |
| State | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IACRService** | | | | | | | | | | | | | | | | | | | | | | |
| RecoveredClockSource | | | | | | | | | | | | | | | | | | | | | | |
| RecoveredClockMode | | | | | | | | | | | | | | | | | | | | | | |
| CemInterface | | | | | | | | | | | | | | | | | | | | | | |
| RecoveredClockList | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IRecoveredClock** | | | | | | | | | | | | | | | | | | | | | | |
| ClockId | | | | | | | | | | | | | | | | | | | | | | |
| RecoveredClockMode | | | | | | | | | | | | | | | | | | | | | | |
| Port | | | | | | | | | | | | | | | | | | | | | | |
| Cem | | | | | | | | | | | | | | | | | | | | | | |
| Status | | | | | | | | | | | | | | | | | | | | | | |
| FrequencyOffset | | | | | | | | | | | | | | | | | | | | | | |
| CEMGroupId | | | | | | | | | | | | | | | | | | | | | | |
| CEMInterfaceName | | | | | | | | | | | | | | | | | | | | | | |
| TransferType | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ICEMEncap** | | | | | | | | | | | | | | | | | | | | | | |
| cemIfName | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ICEMGroup** | | | | | | | | | | | | | | | | | | | | | | |
| IdlePattern | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-90 TDM/DSx Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IdleCAS | | | | | | | | | | | | | | | | | | | | | | |
| DeJitter | | | | | | | | | | | | | | | | | | | | | | |
| PayloadSize | | | | | | | | | | | | | | | | | | | | | | |
| RTP | | | | | | | | | | | | | | | | | | | | | | |
| RTPHeader | | | | | | | | | | | | | | | | | | | | | | |
| TimeSlots | | | | | | | | | | | | | | | | | | | | | | |
| AdminStatus | | | | | | | | | | | | | | | | | | | | | | |
| OperStatus | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ISyncE** | | | | | | | | | | | | | | | | | | | | | | |
| synchronousMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| equipmentClock | | | | | | | | | | | | | | | | | | | Y | Y | | |
| clockMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| ssmOption | | | | | | | | | | | | | | | | | | | Y | Y | | |
| esmcMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| holdOffTimer | | | | | | | | | | | | | | | | | | | Y | Y | | |
| waitToRestore | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Revertive | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—ISyncEInterface** | | | | | | | | | | | | | | | | | | | | | | |
| InterfaceName | | | | | | | | | | | | | | | | | | | | | | |
| selectionInput | | | | | | | | | | | | | | | | | | | Y | Y | | |
| ingressESMCMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| egressESMCMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| ingressQLMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| ingressQuality | | | | | | | | | | | | | | | | | | | Y | Y | | |
| egressQLMode | | | | | | | | | | | | | | | | | | | Y | Y | | |
| egressQuality | | | | | | | | | | | | | | | | | | | Y | Y | | |
| waitToRestore | | | | | | | | | | | | | | | | | | | Y | Y | | |
| holdOffTimer | | | | | | | | | | | | | | | | | | | Y | Y | | |
| ingressConfQuality | | | | | | | | | | | | | | | | | | | Y | Y | | |
| egressConfQuality | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Priority | | | | | | | | | | | | | | | | | | | Y | Y | | |
| ingressSSM | | | | | | | | | | | | | | | | | | | Y | Y | | |
| egressSSM | | | | | | | | | | | | | | | | | | | Y | Y | | |
| clockModeStr | | | | | | | | | | | | | | | | | | | Y | Y | | |

# MPLS

*Table 7-91 MPLS Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IMpls** | | | | | | | | | | | | | | | | | | | | | | |
| Distribution Protocol | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| LabelStack | | | | | | | | | | | | | | | | | | | | | | |
| TopLabel | | | | | | | | | | | | | | | | | | | | | | |
| Outer and Inner Labels | | | | | | | | | | | | | | | | | | | | | | |
| Traffic Engineering Properties | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Resource reservation Properties | | | | | | | | | | | | | | | | | | | | | | |
| IANA Type | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ILse** | | | | | | | | | | | | | | | | | | | | | | |
| MPLS Table | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| MPLS Aggregate Table | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| MPLS Tunnel Segments | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| LDP Service | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| Logical Sons | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—ILdpService** | | | | | | | | | | | | | | | | | | | | | | |
| Local Identification Status | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| LDP Peers | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—ILdpPeer** | | | | | | | | | | | | | | | | | | | | | | |
| Peer Identification | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Transport Address | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Distribution Method | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Protocol Type | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| Path Vector Limit | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Session Status | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Protocol Version Hold Time | | | | | | | | | | | | | | | Y | Y | | | | | | |
| Hold Time | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Keep Alive Time | | | | | | | | | | | | | | | Y | Y | | | | | | |
| Peer Discovery Sources | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |

*Table 7-91 MPLS Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ILdpDiscoverySource** | | | | | | | | | | | | | | | | | | | | | | |
| Interface Name | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Source Address | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Type | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMplsEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Incoming Label | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Outgoing Interface and Label | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Switching Action | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Next Hop IP Address | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Destination Mask | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Destination address | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMplsAggregateEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Routing Entity | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Incoming Label | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Outgoing Interface and Label | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Switching Action | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Next Hop IP Address | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMplsLabelRange** | | | | | | | | | | | | | | | | | | | | | | |
| Type | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| minValue | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| MaxValue | | | | | | | | Y | | | | | | | | | | | Y | Y | | |

# MPLS-TE

*Table 7-92 MPLS-TE Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IMplsTETunnel** | | | | | | | | | | | | | | | | | | | | | | |
| Destination Address | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Outgoing Interface and Label | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| LSP Identification | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Requested Bandwidth | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |

*Table 7-92 MPLS-TE Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measured Average Burst and Peak Bandwidth | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Setup and Hold Priority | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Affinity Bits and Mask | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Automatic Route Announcement Status | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Optimization Lock Down Status | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Path Option | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Name | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Description | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Administrative Status | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Operational Status | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| IANA Type | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| is FRR Enabled | | | | | | | | | | | | | | | | | | | Y | Y | | |
| TunnelType | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| DestinationAddress | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| Sub Lsp Status | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| OutInterface | | | | | | | | | | | | | | | | | | | | | | |
| OutLabel | | | | | | | | | | | | | | | | | | | | | | |
| TunnelAffinity | | | | | | | | | | | | | | | | | | | | | | |
| TunnelAffinityMask | | | | | | | | | | | | | | | | | | | | | | |
| TunnelAutoRoute | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| TunnelBandwidthKbps | | | | | | | | | | | | | | | | | | | | | | |
| TunnelAverageRateKbps | | | | | | | | | | | | | | | | | | | | | | |
| TunnelBurstKbps | | | | | | | | | | | | | | | | | | | | | | |
| TunnelPeakRateKbps | | | | | | | | | | | | | | | | | | | | | | |
| TunnelSetupPriority | | | | | | | | | | | | | | | | | | | | | | |
| TunnelHoldPriority | | | | | | | | | | | | | | | | | | | | | | |
| TunnelLockdown | | | | | | | | | | | | | | | | | | | | | | |
| TunnelPolicyClass | | | | | | | | | | | | | | | | | | | | | | |
| P2MPDestinations | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| **IMO Name—IMplsTEProperties** | | | | | | | | | | | | | | | | | | | | | | |
| Administrative Weight | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Attributes Identifier | | | | | | | | | | | | | | | | Y | | | | | | |

*Table 7-92 MPLS-TE Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Signaling Protocol | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Available Physical and Reservable Bandwidth | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Reserved Bandwidth | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMplsTEPropertiesAllocationEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Priority Level | | | | | | | | | | | | | | | | | | | | | | |
| Allocated and Cumulative Bandwidth | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IMplsTESegment** | | | | | | | | | | | | | | | | | | | | | | |
| Segment Type | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| Measured Average Burst and Peak Bandwidth | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| LSP Identification | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| Name | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| FRRTunnelName | | | | | | | | | | | | | | | | | | | Y | Y | | |
| FRRTunnelState | | | | | | | | | | | | | | | | | | | Y | Y | | |
| AverageBandwidth | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| In Interface | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| Out interface | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| In Label | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| Out Label | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| Source address | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| Destination address | | | | | | | | Y | | | | | | | Y | Y | | | | | | |
| TunnelType | | | | | | | | Y | | | | | | | | | | | | | | |

# VPN (VRF)

*Table 7-93 VPN (VRF) Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IVrf** | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Routing Table | | | | | | Y | | Y | | | | | | | Y | Y | Y | | Y | Y | | |
| Exported Route Targets | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |

*Table 7-93 VPN (VRF) Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Imported Route Targets | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Route Distinguisher | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| ARP Entity | | | | | | Y | | Y | | | | | | | Y | Y | Y | | Y | Y | | |
| Name | | | | | | Y | | Y | | | | | | | Y | Y | Y | | Y | Y | | |
| Logical Sons | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Description | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Import Route-Map | | | | | | | | | | | | | | | | | | | Y | Y | | |
| Export Route-Map | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—IVrfEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Next Hop BGP Address | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Incoming and Outgoing Inner Label | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Outer Label | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Destination IP Subnet | | | | | | Y | | Y | | | | | | | Y | Y | Y | | Y | Y | | |
| Next Hop IP Address | | | | | | Y | | Y | | | | | | | Y | Y | Y | | Y | Y | | |
| Type | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Routing Protocol Type | | | | | | Y | | Y | | | | | | | Y | Y | Y | | Y | Y | | |
| Outgoing Interface Name | | | | | | Y | | Y | | | | | | | Y | Y | Y | | Y | Y | | |
| **IMO Name—IMpBgp** | | | | | | | | | | | | | | | | | | | | | | |
| BGP Identifier | | | | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | | Y | Y | | |
| Local Autonomous System | | | | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | | Y | Y | | |
| Cross Virtual Routing Table | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| BGP Neighbors | | | | | | Y | | Y | | Y | Y | Y | | | | Y | Y | | Y | Y | | |
| Logical Sons | | | | | | Y | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—ICrossVrf** | | | | | | | | | | | | | | | | | | | | | | |
| Virtual Routing Entries | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| Virtual Routing Entity Name | | | | | | | | Y | | | | | | | | | | | Y | Y | | |
| **IMO Name—ICrossVrfRoutingEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Outgoing Virtual Routing Entity Identifier | | | | | | | | | | | | | | | | | | | | | | |
| Incoming and Outgoing Virtual Routing Tags | | | | | | | | | | | | | | | | | | | | | | |
| Destination IP Subnet | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Next Hop IP Address | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Type | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |

*Table 7-93 VPN (VRF) Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Routing Protocol Type | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Outgoing Interface Name | | | | | | | | | | | | | | | | | | | | | | |

# PWE3

*Table 7-94 PWE3 Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IPTPLayer2MplsTunnel** | | | | | | | | | | | | | | | | | | | | | | |
| Local and Remote Router Addresses | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Local and Remote Virtual Connection Labels | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Tunnel Identification | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Tunnel Status | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Local and Remote Tunnel Interface | | | | | | | | | | | | | | | | Y | | | | | | |
| IANA Type | | | | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| PsuedowireType | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| PreferredPathTunnel | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| LocalMTU | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| RemoteMTU | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| PeerStatus | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| SignalingProtocol | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| VFIName | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| psuedowireRole | | | | | | | | Y | | | | | | | | | | | | | | |
| PeerRouterIp | | | | | | | | | | | | | | | | | | | | | | |
| LocalRouterIp | | | | | | | | | | | | | | | | | | | | | | |
| LocalVcLabel | | | | | | | | | | | | | | | | | | | | | | |
| PeerVcLabel | | | | | | | | | | | | | | | | | | | | | | |

# Security

*Table 7-95 Security Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IAccessList** | | | | | | | | | | | | | | | | | | | | | | |
| Type | | Y | Y | | | | | Y | | Y[1] | Y[17] | Y | | | Y | Y | | | Y | Y | | |
| Access List Entries | | Y | Y | | | | | Y | | Y[2] | Y[18] | Y | | | Y | Y | | | Y | Y | | |
| Name or Id | | Y | Y | | | | | Y | | Y[3] | Y[19] | Y | | | Y | Y | | | Y | Y | | |
| Index | | Y | Y | | | | | Y | | Y[4] | Y[20] | Y | | | Y | Y | | | Y | Y | | |
| **IMO Name—IAccessListEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Entry Identification | | Y | Y | | | | | Y | | Y[5] | Y[21] | Y | | | Y | Y | | | Y | Y | | |
| Action Logic | | Y | Y | | | | | Y | | Y[6] | Y[22] | Y | | | Y | Y | | | Y | Y | | |
| Source and Destination Address | | Y | Y | | | | | Y | | Y[7] | Y[23] | Y | | | Y | Y | | | Y | Y | | |
| Source and Destination Wildcard | | Y | Y | | | | | Y | | Y | Y[24] | Y | | | Y | Y | | | Y | Y | | |
| Protocol Type | | Y | Y | | | | | Y | | Y[9] | Y[25] | Y | | | Y | Y | | | Y | Y | | |
| Source and Destination Port Ranges | | Y | Y | | | | | Y | | Y[10] | Y[26] | Y | | | Y | Y | | | Y | Y | | |
| Source and Destination Port Action | | Y | Y | | | | | Y | | Y[11] | Y[27] | Y | | | Y | Y | | | Y | Y | | |
| Protocol Specific Info | | Y | Y | | | | | Y | | Y[12] | Y[28] | Y | | | Y | Y | | | Y | Y | | |
| Differential Services Code Points | | Y | Y | | | | | Y | | Y[13] | Y[29] | Y | | | Y | Y | | | Y | Y | | |
| Type of Service | | Y | Y | | | | | Y | | Y[14] | Y[30] | Y | | | Y | Y | | | Y | Y | | |
| Precedence | | Y | Y | | | | | Y | | Y[15] | Y[31] | Y | | | Y | Y | | | Y | Y | | |
| Matches | | Y | Y | | | | | Y | | Y[16] | Y[32] | Y | | | Y | Y | | | Y | Y | | |

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16] Supported for 4503E, 4507RE, 4507, and 4506E only.

[17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32] Validated with 12.2(52)SG only.

# Hardware

*Table 7-96 Hardware Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IChassis** | | | | | | | | | | | | | | | | | | | | | | |
| Description | | | Y[1] | | | Y | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | |
| Equipment Holder Type | | | | Y | | | | Y | Y | Y | | | | | | Y | Y | Y | Y | Y | Y | Y |
| Contained Equipment Holders | | | | | | | | | | | | | | | | | | | | | | |
| Contained Equipments | | | | | | | | | | | | | | | | | | | | | | |
| Serial Number | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| **IMO Name—IShelf** | | | | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | | | | |
| Status | | | | | | | | | | | | | | | | | | | | | | |
| Equipment Holder Type | | | | | | | | | | | | | | | | | | | | | | |
| Contained Equipment Holders | | | | | | | | | | | | | | | | | | | | | | |
| Contained Equipments | | | | | | | | | | | | | | | | | | | | | | |
| Serial Number | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IModule** | | | | | | | | | | | | | | | | | | | | | | |
| Module Name | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Module Description | | | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y[2] | Y[3] | Y | Y |
| Software Version | | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Operational Status | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Hardware Type + Version | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Managed IP Address | | | | | | | | | | | | | | | | | | | | | | |
| Redundant Equipment | | | | | | | | | | | | | | | | | | | | | | |
| Configured Redundancy | | | | | | | | | | Y | | | | | | | Y | Y | | | | |
| Redundancy Status | | | | Y | Y | Y | Y | | | Y | | | | | Y | Y | Y | Y | | | Y | |
| Operational Status Last Changed | | | Y | Y | Y | Y | | Y | Y | Y | Y | Y | | | Y | Y | Y | Y | Y | Y | Y | |
| Supported Physical Termination Points | | | Y | | | | | | | Y | Y | Y | | | Y | Y | | | | | Y | |
| Serial Number (soft property) | | Y | Y | | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Slots Number | | | | | | | | | | | | | | | | | | | | | | Y |

*Table 7-96 Hardware Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IPowerSupply** | | | | | | | | | | | | | | | | | | | | | | |
| Same as IModule | | | | | | Y | | | | Y | Y | Y | | | Y | | Y | Y | | | | |
| **IMO Name—IFanTray** | | | | | | | | | | | | | | | | | | | | | | |
| Same as IModule | | | | | | Y | | | | Y | Y | Y | | | Y | | Y | Y | | | | |
| **IMO Name—IPluggableTransceiver** | | | | | | | | | | | | | | | | | | | | | | |
| ConnectorDescription | | | Y | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | Y | Y | Y | | |
| PID | | | Y | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | Y | Y | Y | | |
| ConnectorSerialNumber | | | Y | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | Y | Y | Y | | |
| ConnectorType | | | Y | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | Y | Y | Y | | |
| PluggablePortState | | | Y | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | Y | Y | Y | | |
| PluggableType | | | Y | | | Y | | Y | | Y | Y | Y | | | Y | Y | Y | Y | Y | Y | | |
| **IMO Name—IManagedElement** | | | | | | | | | | | | | | | | | | | | | | |
| IP Address | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Communication State | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Investigation State | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Element Category | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Element Type and Key | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Device Name | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y[4] | Y[5] | Y | Y |
| System Name | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| System Description | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Up Time | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Software Version | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Vendor Identity | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Memory and CPU Usage | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| DRAM Free | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| DRAM Used | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| DRAM Usage | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| Flash Device Size | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | |
| NVRAM Size | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| Processor DRAM | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| Sys Contact | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Sys Location | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Serial Number | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | |
| File Systems | | | | | | | | | | | | | | | | | | | | | | |

*Table 7-96 Hardware Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IContext** | | | | | | | | | | | | | | | | | | | | | | |
| Name | | | | | Y | Y | | Y | | | | | | | | Y | | | | | Y | |
| Bounded Connections | | | | | | | | | | | | | | | | | | | | | | |
| IP Address Pools | | | | | | | | | | | | | | | | | | | | | | |
| Forwarding Components List | | | | | | | | | | | | | | | | | | | | | | |
| Traffic Descriptors List | | | | | | | | | | | | | | | | | | | | | | |
| Tunnel Containers List | | | | | | | | | | | | | | | | | | | | | | |
| Data Link Aggregation Containers List | | | | | | | | | | | | | | | | | | | | | | |
| **IMO Name—ISystemService** | | | | | | | | | | | | | | | | | | | | | | |
| Type | | | | | | | | | | | | | | | | | | | | | | |
| Status | | | | | | | | | | | | | | | | | | | | | | |
| Up Time | | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | Y | Y | Y | | | | | Y | |
| **IMO Name—IBridge** | | | | | | | | | | | | | | | | | | | | | | |
| Bridge Table | | Y | Y | | Y | Y | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Type | | Y | Y | | Y | Y | | Y | | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| MAC Address | | Y | Y | | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| IP Interface | | Y | | | Y | Y | | Y | Y | Y | | | Y | | Y | Y | Y | | Y | Y | | |
| Name | | Y | Y | | Y | Y | | | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | |
| Logical Sons | | Y | Y | | Y | Y | | | Y | Y | Y | Y | | Y | Y | Y | | | Y | Y | | |
| Vlan Type | | | Y | | | | | | | | | | | | | | | | | | | |
| **IMO Name—IBridgeEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Destination MAC | | Y | Y | | Y | Y | | Y | Y | Y | Y | Y | | Y | Y | Y | Y | | Y | Y | | |
| Outgoing Interface | | | Y | | | | | Y | | | Y | Y | | Y | Y | Y | Y | | Y | Y | | |

[1]Supported for 12.2(50)SE only.

[2, 4]"show interfaces switchport" command will be used to get PortMode

[3, 5]Device Name is Mapped to Element Name in GUI

# Serial

*Table 7-97 Serial Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IPhysicalLayer** | | | | | | | | | | | | | | | | | | | | | | |
| Media Type | | Y | Y | Y | Y | Y | Y | Y | | Y | | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Clocking Source | | | | | | | | | | | | | | | Y | Y | | | | | Y | |
| Maximum Speed | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Is Internal Port | | Y | Y | Y | Y | Y | Y | Y | | Y | | | | Y | Y | Y | Y | Y | | | Y | |
| Discarded Bandwidth | | | | | | | | | | | | | | | | | | | | | | |
| Dropped Bandwidth | | | | | | | | | | | | | | | | | | | | | | |
| Input Bandwidth | | | | | | | | | | | | | | | | | | | | | | |
| Output Bandwidth | | | | | | | | | | | | | | | | | | | | | | |
| Discarded and Received Input Data Counters | | Y | | Y | Y | Y | Y | Y | Y | Y | | | | Y | Y | Y | | | | | Y | |
| Dropped and Forward Output Data Counters | | Y | | Y | Y | Y | Y | Y | Y | Y | | | | Y | Y | Y | | | | | Y | |
| Administrative Status | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Operational Status | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Last Changed | Y | Y | | Y | Y | Y | Y | Y | Y | Y | | | Y | Y | Y | Y | | | | | Y | Y |
| IANA Type | | Y | | Y | Y | Y | Y | Y | | Y | | | | Y | Y | Y | | | | | Y | |
| Containing CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Contained CTPs | | | | | | | | | | | | | | | | | | | | | | |
| Port Alias | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Location | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Sending Alarms | Y | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Connector Description | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | | | Y | |
| Part ID | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | | | Y | |
| Connector Serial Num | | Y | Y | Y | | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | | | Y | |
| Product | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | Y | Y | Y | | | Y | Y |
| Status | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |
| Managed | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | Y | Y |

# Additional Technologies

*Table 7-98 Additional Technologies Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—POS** | | | | | | | | | | | | | | | | | | | | | | |
| POS | | | Y | | Y | Y | | Y | | | Y | Y | | | Y | Y | | | | | | |

# LocalSwitching

*Table 7-99 LocalSwitching Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ILocalSwitchingEntity** | | | | | | | | | | | | | | | | | | | | | | |
| LocalSwitchingTable | | | | | | | | Y | | | | | | | Y | | | | | | | |
| PWSwitchingTable | | | | | | | | | | | | | | | | | | | Y | Y | | |
| **IMO Name—ILocalSwitchingEntry** | | | | | | | | | | | | | | | | | | | | | | |
| Local Switching Entry Key | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Local Switching Entry Status | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Segment 1 | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Segment 1 Port Name | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Segment 1 Status | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Segment 2 | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Segment 2 Port Name | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Segment 2 Status | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |

# BFD

*Table 7-100 BFD Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IBfdService** | | | | | | | | | | | | | | | | | | | | | | |
| Status | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |

*Table 7-100 BFD Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IBfdCommon** | | | | | | | | | | | | | | | | | | | | | | |
| RegisteredProtocols | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| InterfaceName | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IBfdSession** | | | | | | | | | | | | | | | | | | | | | | |
| SourceIp | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| DestinationIp | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Interval | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Multiplier | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Protocol | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| State | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Interface | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| Process | | | | | | | | Y | | | | | | | Y | | | | Y | Y | | |

# Carrier Ethernet

*Table 7-101 Carrier Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IVsi** | | | | | | | | | | | | | | | | | | | | | | |
| vsiInstanceName | | | | | | | | | | | | | | | Y | Y | | | Y | Y | | |
| vpnId | | | | | | | | | | | | | | | Y | Y | | | Y | Y | | |
| discoveryMode | | | | | | | | | | | | | | | Y | Y | | | Y | Y | | |
| vsiMode | | | | | | | | | | | | | | | Y | Y | | | Y | Y | | |
| Operational state | | | | | | | | | | | | | | | Y | Y | | | Y | Y | | |
| Administrative state | | | | | | | | | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IPseudowireProperties** | | | | | | | | | | | | | | | | | | | | | | |
| isSplitHorizonEnabled | | | | | | | | | | | | | | | Y | | | | Y | Y | | |
| isAutoDiscovered | | | | | | | | | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IVLANTaggedInterface** | | | | | | | | | | | | | | | | | | | | | | |
| InterfaceName | | | | | | | | | | | | | | | Y | | | | | | | |
| Inner Vlan Id | | | | | | | | | | | | | | | Y | | | | | | | |
| Outer Vlan Id | | | | | | | | | | | | | | | Y | | | | | | | |

*Table 7-101 Carrier Ethernet Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Encap Type | | | | | | | | | | | | | | | Y | | | | | | | |
| Operational state | | | | | | | | | | | | | | | Y | | | | | | | |
| Administrative state | | | | | | | | | | | | | | | Y | | | | | | | |
| ConfiguredDescription | | | | | | | | | | | | | | | Y | | | | | | | |
| **IMO Name—IEfp** | | | | | | | | | | | | | | | | | | | | | | |
| EfpId | | | | | | | | | | | | | | | Y[1] | | | | Y | Y | | |
| RewriteParams | | | | | | | | | | | | | | | Y[2] | | | | | | | |
| EncapsParams | | | | | | | | | | | | | | | Y[3] | | | | Y | Y | | |
| AdminStatus | | | | | | | | | | | | | | | Y[4] | | | | Y | Y | | |
| OperStatus | | | | | | | | | | | | | | | Y[5] | | | | Y | Y | | |
| SplitHorizonGroup | | | | | | | | | | | | | | | Y[6] | | | | | | | |
| MatchCriteria | | | | | | | | | | | | | | | Y[7] | | | | Y | Y | | |
| ConfiguredDescription | | | | | | | | | | | | | | | Y | | | | | | | |
| GetServiceInstanceId | | | | | | | | | | | | | | | Y[8] | | | | Y | Y | | |
| SetServiceInstanceId | | | | | | | | | | | | | | | Y[9] | | | | Y | Y | | |

[1, 2, 3, 4, 5, 6, 7, 8, 9]For version greater than SRD SNMP is used

# LLDP

*Table 7-102 LLDP Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ILLDPService** | | | | | | | | | | | | | | | | | | | | | | |
| status | | Y[1] | Y[2] | | | | Y | Y[3] | | Y[4] | Y[5] | Y | | | | Y[6] | | | Y | Y | | |
| lldpAdvertisementsInterval | | Y[7] | Y[8] | | | | Y | Y[9] | | Y[10] | Y[11] | Y | | | | Y[12] | | | Y | Y | | |
| lldpHoldTime | | Y[13] | Y[14] | | | | Y | Y[15] | | Y[16] | Y[17] | Y | | | | Y[18] | | | Y | Y | | |
| lldpReinitialisationDelay | | Y[19] | Y[20] | | | | Y | Y[21] | | Y[22] | Y[23] | Y | | | | Y[24] | | | Y | Y | | |
| localChassisID | | Y[25] | Y[26] | | | | Y | Y[27] | | Y[28] | Y[29] | Y | | | | Y[30] | | | Y | Y | | |

*Table 7-102 LLDP Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| localSystemName | | Y[31] | Y[32] | | | | Y | Y[33] | | Y[34] | Y[35] | Y | | | | Y[36] | | | Y | Y | | |
| **IMO Name—ILLDPNeighbor** | | | | | | | | | | | | | | | | | | | | | | |
| localPortName | | Y[37] | Y[38] | | | | Y | Y[39] | | Y[40] | Y[41] | Y | | | | Y[42] | | | Y | Y | | |
| remotePortDesc | | Y[43] | Y[44] | | | | Y | Y[45] | | Y[46] | Y[47] | Y | | | | Y[48] | | | Y | Y | | |
| remoteChassisId | | Y[49] | Y[50] | | | | Y | Y[51] | | Y[52] | Y[53] | Y | | | | Y[54] | | | Y | Y | | |
| remoteManagementIP | | Y[55] | Y[56] | | | | Y | Y[57] | | Y[58] | Y[59] | Y | | | | Y[60] | | | Y | Y | | |
| localPortId | | Y[61] | Y[62] | | | | Y | Y[63] | | Y[64] | Y[65] | Y | | | | Y[66] | | | Y | Y | | |
| remotePortId | | Y[67] | Y[68] | | | | Y | Y[69] | | Y[70] | Y[71] | Y | | | | Y[72] | | | Y | Y | | |
| remoteDeviceId | | Y[73] | Y[74] | | | | Y | Y[75] | | Y[76] | Y[77] | Y | | | | Y[78] | | | Y | Y | | |

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78LLDP links are not modeled properly on IOS version 12.2(51) and earlier IOS versions that support LLDP.This is because the IOS displays the port description in place of local port ID in LLDP Neighbor Table.

# CDP

*Table 7-103 CDP Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ICdpService** | | | | | | | | | | | | | | | | | | | | | | |
| cdpHoldtime | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| cdpMessageInterval | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| cdpDeviceId | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| cdpState | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| cdpVersion | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |

*Table 7-103 CDP Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ICdpNeighbor** | | | | | | | | | | | | | | | | | | | | | | |
| remoteDeviceId | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| remotePortId | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| remoteIPAddress | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| localPortId | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |

# Discovery Protocol

*Table 7-104 Discovery Protocol Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IDiscoveryProtocol** | | | | | | | | | | | | | | | | | | | | | | |
| DiscoveryProtocolType | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |
| Info | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | Y | Y | | | Y | Y | | |

# Ethernet OAM

*Table 7-105 Ethernet OAM Attribute Support on Cisco Switches—Cisco Prime Network 3.8*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—ICfmService** | | | | | | | | | | | | | | | | | | | | | | |
| cacheSize | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maximumCacheSize | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| holdTime | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| version | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maintenanceIntermedatePointsTable | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maintenanceDomain | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMaintenanceDomain** | | | | | | | | | | | | | | | | | | | | | | |
| name | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |

*Table 7-105 Ethernet OAM Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| level | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Id | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maintenanceAssociation | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMaintenanceEndPoint** | | | | | | | | | | | | | | | | | | | | | | |
| macAddress | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Interface | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| continuityCheckStatus | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| direction | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMaintenanceAssociation** | | | | | | | | | | | | | | | | | | | | | | |
| name | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| associationType | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maximalMeps | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| continuityCheckInterval | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| continuityCheckEnable | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| crossCheckEnable | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| direction | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| bridge | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maintenanceEndPoints | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| cfmRemoteMaintenanceEnd Points | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IMaintenanceIntermediatePoint** | | | | | | | | | | | | | | | | | | | | | | |
| level | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| cfmInterface | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| isAutocreated | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| Vlans | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| macAddress | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IRemoteMaintenanceEndPoint** | | | | | | | | | | | | | | | | | | | | | | |
| mepId | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| macAddress | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| level | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maintenanceEndPointStatus | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| maintenanceEndPointOid | | | Y | | | | | Y | | | | | | | Y | Y | | | Y | Y | | |
| **IMO Name—IOAMData** | | | | | | | | | | | | | | | | | | | | | | |
| adminState | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |

*Table 7-105 Ethernet OAM Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pduMaxRate | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| pduMinRate | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| linkTimeout | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| highThresholdAction | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| linkFaultAction | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| dyingGaspAction | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| criticalEventAction | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| mode | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| unidirectional | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| linkMonitor | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| remoteLoopback | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| portStatus | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| loopbackStatus | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| remoteData | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| name | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| ethernetPort | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IOAMRemoteData** | | | | | | | | | | | | | | | | | | | | | | |
| macAddress | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| vendor | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| mode | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| unidirection | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| linkMonitor | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| remoteLoopback | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IUNIProperties** | | | | | | | | | | | | | | | | | | | | | | |
| UNIId | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| isServiceMultiplexing | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| isBundlingEnabled | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| bundlingType | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IEthernetLMI** | | | | | | | | | | | | | | | | | | | | | | |
| isGlobalEnabled | | | Y[1] | | | | | Y[2] | | | | | | | | | | | | | | |
| mode | | | Y[3] | | | | | Y[4] | | | | | | | | | | | | | | |
| ELMIInterfaces | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| deviceEVCs | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |

*Table 7-105 Ethernet OAM Attribute Support on Cisco Switches—Cisco Prime Network 3.8 (Continued)*

| Attribute | 1900 | 2900 | ME3400 | 3500 | 3550 | 3560 | 3750 | 3750ME | 4000 | 4500 | 4900 | 4924ME | 5000 | 6500 CatOS | 6500 IOS | 6524ME | Nexus 7000 | Nexus 5000 | ME 3600X | ME 3800X | ACE 4700 | SCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **IMO Name—IDeviceEVC** | | | | | | | | | | | | | | | | | | | | | | |
| EVCName | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| EVCStatus | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| EVCType | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| cfmMaName | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| configuredRemoteUNICount | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| activeRemoteUNICount | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| UNIInterfaces | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IUNIInterfaces** | | | | | | | | | | | | | | | | | | | | | | |
| UNIStatus | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| UNIId | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| interfaceName | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| vlanList | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| lmiLinkStatus | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| **IMO Name—IELMIInterfaces** | | | | | | | | | | | | | | | | | | | | | | |
| interfaceName | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| T391 | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| T392 | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| N391 | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |
| N393 | | | Y | | | | | Y | | | | | | | Y | | | | Y | Y | | |

[1, 2, 3, 4]Supported from IOS version 12.2(35)SE onwards