Support Information for Calix Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Calix devices in Prime Network Version 3.10.

Note For more information about the objects and attributes described in this chapter, see Cisco *Prime Network 3.10 Supported Cisco VNEs, Cisco Prime Network 3.10 Supported Service Alarms, Cisco Prime Network 3.10 Supported System and Security Events*, and *Cisco Prime Network 3.10 Supported Technologies and Topologies* in the *Cisco Prime Network 3.10 Documentation Guide.*

This chapter contains the following topics:

- Calix Blade 6214 Series DSLAM, page 4-1
- Calix Blade 6216 Series DSLAM, page 4-4
- Calix Blade 6312 Series Switches, page 4-5
- Calix Blade 6316 Series Switches, page 4-7
- Calix Blade 6450 Series Switches, page 4-10
- Supported Technologies on Calix Devices, page 4-12

Calix Blade 6214 Series DSLAM

This section includes the following information about Calix Blade 6214 Series DSLAM devices (for information on the NE types supported in Prime Network Version 3.10, see Calix Blade 6214 Series DSLAM):

- Calix Blade 6214 Series DSLAM—Supported Software Versions, page 4-2
- Calix Blade 6214 Series DSLAM—Supported Modules, page 4-2
- Calix Blade 6214 Series DSLAM—Supported Technologies, page 4-3
- Calix Blade 6214 Series DSLAM—Supported Service Events, page 4-3

Calix Blade 6214 Series DSLAM—Supported Software Versions

Table 4-1 Supported Software Versions for Calix Blade 6214 Series DSLAM—Prime Network Version 3.10

Software Version	Product Version	DP Version
V5.5R4	3.8.x-To-3.9.x	DP1206
V5.5R5	3.8.x-To-3.9.x	DP1206
V5.5R9	3.8.x-To-3.9.x	DP1206
V5.5R10	3.8.x-To-3.9.x	DP1206
V7.2R	3.8.x-To-3.9.x	DP1208

Calix Blade 6214 Series DSLAM—Supported Modules

Table 4-2 Supported Modules for Calix Blade 6214 Series DSLAM—Prime Network Version 3.10

Module Name	Product Version	Module Description	DP Version
B6-214	3.8.x-To-3.9.x	6214 Blade and BLC 6214 Assembly ADSL2Plus with Gigabit Ethernet,Integrated Splitter (POTS: 48 ports,Gigabit Ethernet: 10 ports)	DP1206
Power Supply	3.8.x-To-3.9.x	LM87 +3.3V[1] 440GP +1.8V +1.2V +1.5V +1.8V +2.5V +18V FPGA +1.8V SSTL2VTT +1.25V SSTL2REF +1.25V #B Vin -48V #A Vin -48V	DP1206
Fan Tray	3.8.x-To-3.9.x	It supports Fan 1 to Fan 10[2].	DP1206

1. Supports the 5.5R4, R5, R9, and R10 OS versions
2. Fan 1 to Fan 4 support 5.5R4, R5, R9, and R10 OS versions; and Fan 5 to Fan 10 support 5.5R10 OS version.

Calix Blade 6214 Series DSLAM—Supported Technologies

The following technologies are supported by the Calix Blade 6214 Series DSLAM devices in Prime Network Version 3.10:

- IP, page 4-13
- Ethernet (IEEE 802.3), page 4-13
- ATM, page 4-14
- Point to Point, page 4-14
- DSL, page 4-15
- Hardware, page 4-15
- Base Logical Components, page 4-16
- Common, page 4-17
- Additional Technologies, page 4-17
- Additional Technologies(EPS Info), page 4-18
- Additional Technologies(EPS State), page 4-18
- Additional Technologies(Access Prof Info), page 4-19
- Additional Technologies(Access Profile), page 4-19

Calix Blade 6214 Series DSLAM—Supported Service Events

Table 4-3 Supported Service Events for Calix Blade 6214 Series DSLAM—Prime Network Version 3.10

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.8.x-To-3.9.x	Y	DP1206
All IP Interfaces Down	3.8.x-To-3.9.x	Y	DP1206
Device Unreachable	3.8.x-To-3.9.x	N	DP1206
Device Unsupported	3.8.x-To-3.9.x	N	DP1206
Link Down	3.8.x-To-3.9.x	N	DP1206
Link up	3.8.x-To-3.9.x	N	DP1206
Port Down	3.8.x-To-3.9.x	N	DP1206
Interface Status Down/Up	3.8.x-To-3.9.x	N	DP1206

Table 4-3 Supported Service Events for Calix Blade 6214 Series DSLAM—Prime Network Version 3.10

Event Name	Product Version	Expedited	DP Version
CPU Over Utilized	3.8.x-To-3.9.x	N	DP1206
Memory Over Utilized	3.8.x-To-3.9.x	N	DP1206

Calix Blade 6216 Series DSLAM

This section includes the following information about Calix Blade 6216 Series DSLAM devices (for information on the NE types supported in Prime Network Version 3.10, see Calix Blade 6216 Series DSLAM):

- Calix Blade 6216 Series DSLAM—Supported Software Versions, page 4-4
- Calix Blade 6216 Series DSLAM—Supported Modules, page 4-4
- Calix Blade 6216 Series DSLAM—Supported Technologies, page 4-4
- Calix Blade 6216 Series DSLAM—Supported Service Events, page 4-5

Calix Blade 6216 Series DSLAM—Supported Software Versions

Table 4-4 Supported Software Versions for Calix Blade 6216 Series DSLAM—Prime Network Version 3.10

Software Version	Product Version	DP Version
7.2R5	3.10.x-To-3.11x	DP1212
7.2R6	3.10.x-To-3.11x	DP1308

Calix Blade 6216 Series DSLAM—Supported Modules

Table 4-5 Supported Modules for Calix Blade 6216Series DSLAM—Prime Network Version 3.10

Module Name	Product Version	Module Description	DP Version
B6-216	3.10		DP1212

Calix Blade 6216 Series DSLAM—Supported Technologies

The following technologies are supported by the Calix Blade 6216 Series DSLAM devices in Prime Network Version 3.10:

- IP, page 4-13

- Ethernet (IEEE 802.3), page 4-13
- ATM, page 4-14
- Point to Point, page 4-14
- DSL, page 4-15
- Hardware, page 4-15
- Base Logical Components, page 4-16
- Common, page 4-17
- Additional Technologies, page 4-17
- Additional Technologies(EPS Info), page 4-18
- Additional Technologies(EPS State), page 4-18
- Additional Technologies(Access Prof Info), page 4-19
- Additional Technologies(Access Profile), page 4-19

Calix Blade 6216 Series DSLAM—Supported Service Events

Table 4-6 Supported Service Events for Calix Blade 6216 Series DSLAM—Prime Network Version 3.10

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.10	Y	DP1212
All IP Interfaces Down	3.10	Y	DP1212
Device Unreachable	3.10	N	DP1212
Device Unsupported	3.10	N	DP1212
Link Down	3.10	N	DP1212
Link up	3.10	N	DP1212
Port Down	3.10	N	DP1212
Interface Status Down/Up	3.10	N	DP1212
CPU Over Utilized	3.10	N	DP1212
Memory Over Utilized	3.10	N	DP1212

Calix Blade 6312 Series Switches

This section includes the following information about Calix Blade 6312 Series Switch devices (for information on the NE types supported in Prime Network Version 3.10, see Calix Blade 6312 Series Switches):

- Calix Blade 6312 Series Switches—Supported Software Versions, page 4-6
- Calix Blade 6312 Series Switches—Supported Modules, page 4-6
- Calix Blade 6312 Series Switches—Supported Technologies, page 4-6
- Calix Blade 6312 Series Switches—Supported Service Events, page 4-7

Calix Blade 6312 Series Switches—Supported Software Versions

Table 4-7 Supported Software Versions for Calix Blade 6312 Series Switch—Prime Network Version 3.10

Software Version	Product Version	DP Version
V5.5R4	3.8.x-To-3.9.x	DP1206
V5.5R5	3.8.x-To-3.9.x	DP1206

Calix Blade 6312 Series Switches—Supported Modules

Table 4-8 Supported Modules for Calix Blade 6312 Series Switch—Prime Network Version 3.10

Module Name	Product Version	Module Description	DP Version
6312 Blade	3.8.x-To-3.9.x	Optical Line Termination Blade	DP1206

Calix Blade 6312 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6312 Series Switch devices in Prime Network Version 3.10:

- IP, page 4-13
- Ethernet (IEEE 802.3), page 4-13
- Hardware, page 4-15
- Base Logical Components, page 4-16
- Common, page 4-17
- Additional Technologies, page 4-17
- Additional Technologies(EPS Info), page 4-18
- Additional Technologies(EPS State), page 4-18
- Additional Technologies(Access Prof Info), page 4-19
- Additional Technologies(Access Profile), page 4-19

Calix Blade 6312 Series Switches—Supported Service Events

Table 4-9 Supported Service Events for Calix Blade 6312 Series Switch—Prime Network Version 3.10

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.8.x-To-3.9.x	Y	DP1206
All IP Interfaces Down	3.8.x-To-3.9.x	Y	DP1206
Device Unreachable	3.8.x-To-3.9.x	N	DP1206
Device Unsupported	3.8.x-To-3.9.x	N	DP1206
Link Down	3.8.x-To-3.9.x	N	DP1206
Link up	3.8.x-To-3.9.x	N	DP1206
Port Down	3.8.x-To-3.9.x	N	DP1206
Interface Status Down/Up	3.8.x-To-3.9.x	N	DP1206
CPU Over Utilized	3.8.x-To-3.9.x	N	DP1206
Memory Over Utilized	3.8.x-To-3.9.x	N	DP1206

Calix Blade 6316 Series Switches

This section includes the following information about Calix Blade 6316 Series Switch devices (for information on the NE types supported in Prime Network Version 3.10, see Calix Blade 6316 Series Switches):

- Calix Blade 6316 Series Switches—Supported Software Versions, page 4-8
- Calix Blade 6316 Series Switches—Supported Modules, page 4-8
- Calix Blade 6316 Series Switches—Supported Technologies, page 4-9
- Calix Blade 6316 Series Switches—Supported Service Events, page 4-9

Calix Blade 6316 Series Switches—Supported Software Versions

Table 4-10 Supported Software Versions for Calix Blade 6316 Series Switch—Prime Network Version 3.10

Software Version	Product Version	DP Version
7.0R1	3.8.x-To-3.9.x	DP1206
7.0R1_S101	3.8.x-To-3.9.x	DP1206
7.2R	3.8.x-To-3.9.x	DP1208

Calix Blade 6316 Series Switches—Supported Modules

Table 4-11 Supported Modules for Calix Blade 6316 Series Switch—Prime Network Version 3.10

Module Name	Product Version	Module Description	DP Version
B6-316	3.8.x-To-3.9.x	6316 Blade, BLC 6316 Assembly 10 GE Aggregation Rings, Access Rings, Point-to-point and Business Ethernet Services (10 Gigabit Ethernet XFP Ports (2),10 Gigabit Ethernet Copper Ports (2),1 Gigabit Ethernet SFP Ports (8),1 Gigabit Ethernet Fiber Ports(Swappable) (40)	DP1206
Power Supply	3.8.x-To-3.9.x	+1.0V +5V -48V_2 -48V_1 +1.5V +1.2V +1.25V +1.8V +2.5V +3.3V	DP1206
Fan Tray	3.8.x-To-3.9.x	It supports Fan 1 to Fan 4.	DP1206

Calix Blade 6316 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6316 Series Switch devices in Prime Network Version 3.10:

- IP, page 4-13
- Ethernet (IEEE 802.3), page 4-13
- Hardware, page 4-15
- Base Logical Components, page 4-16
- Common, page 4-17
- Additional Technologies, page 4-17
- Additional Technologies(EPS Info), page 4-18
- Additional Technologies(EPS State), page 4-18
- Additional Technologies(Access Prof Info), page 4-19
- Additional Technologies(Access Profile), page 4-19

Calix Blade 6316 Series Switches—Supported Service Events

Table 4-12 Supported Service Events for Calix Blade 6316 Series Switch—Prime Network Version 3.10

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.8.x-To-3.9.x	Y	DP1206
All IP Interfaces Down	3.8.x-To-3.9.x	Y	DP1206
Device Unreachable	3.8.x-To-3.9.x	N	DP1206
Device Unsupported	3.8.x-To-3.9.x	N	DP1206
Link Down	3.8.x-To-3.9.x	N	DP1206
Link up	3.8.x-To-3.9.x	N	DP1206
Port Down	3.8.x-To-3.9.x	N	DP1206
Interface Status Down/Up	3.8.x-To-3.9.x	N	DP1206
CPU Over Utilized	3.8.x-To-3.9.x	N	DP1206
Memory Over Utilized	3.8.x-To-3.9.x	N	DP1206

Calix Blade 6450 Series Switches

This section includes the following information about Calix Blade 6450 Series Switch devices (for information on the NE types supported in Prime Network Version 3.10, see Calix Blade 6450 Series Switches):

- Calix Blade 6450 Series Switches—Supported Software Versions, page 4-10
- Calix Blade 6450 Series Switches—Supported Modules, page 4-10
- Calix Blade 6450 Series Switches—Supported Technologies, page 4-11
- Calix Blade 6450 Series Switches—Supported Service Events, page 4-12

Calix Blade 6450 Series Switches—Supported Software Versions

Table 4-13 Supported Software Versions for Calix Blade 6450 Series Switch—Prime Network Version 3.10

Software Version	Product Version	DP Version
V5.5R4	3.8.x-To-3.9.x	DP1206
V5.5R5	3.8.x-To-3.9.x	DP1206
V5.5R7P8	3.8.x-To-3.9.x	DP1206
7.1R2	3.8.x-To-3.9.x	DP1206

Calix Blade 6450 Series Switches—Supported Modules

Table 4-14 Supported Modules for Calix Blade 6450Series Switch—Prime Network Version 3.10

Module Name	Product Version	Module Description	DP Version
B6-450	3.8.x-To-3.9.x	BLC 6450 Assembly 10 GbE Aggregation Rings, Access Rings, Point-to-point and Business Ethernet Services (10 Gigabit Ethernet XFP Ports (2),10 Gigabit Ethernet Ports (2),10 Gigabit Ethernet Copper Ports (2),1 Gigabit Ethernet SFP Ports (16),1 Gigabit Ethernet Copper Ports (6)	DP1206

Table 4-14 Supported Modules for Calix Blade 6450Series Switch—Prime Network Version 3.10

Module Name	Product Version	Module Description	DP Version
Power Supply	3.8.x-To-3.9.x	+5V XFP2 +5V XFP1 +5V LM87 +3.3V 440GP +1.8V +1.2V +1.25V Enet +1.8V +2.5V SSTL2VTT +1.25V SSTL2REF +1.25V FPGA +1.8V #B Vin -48V #A Vin -48V Exhaust[1] PCB Bottom Middle[2]	DP1206
Fan Tray	3.8.x-To-3.9.x	It supports Fan 1 to Fan 10[3] .	DP1206

1. Supports the 7.1R2 OS version
2. Supports the 7.1R2 OS version
3. Fan 1 to Fan 4 Support the 5.5R4, R5, R7P8, and 7.1R2 OS versions; and Fan 5 to Fan 10 support 7.1R OS version

Calix Blade 6450 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6450 Series Switch devices in Prime Network Version 3.10:

- IP, page 4-13
- Ethernet (IEEE 802.3), page 4-13
- Hardware, page 4-15
- Base Logical Components, page 4-16
- Common, page 4-17
- Additional Technologies, page 4-17
- Additional Technologies(EPS Info), page 4-18
- Additional Technologies(EPS State), page 4-18
- Additional Technologies(Access Prof Info), page 4-19
- Additional Technologies(Access Profile), page 4-19

Calix Blade 6450 Series Switches—Supported Service Events

Table 4-15 Supported Service Events for Calix Blade 6450 Series Switch—Prime Network Version 3.10

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.8.x-To-3.9.x	Y	DP1206
All IP Interfaces Down	3.8.x-To-3.9.x	Y	DP1206
Device Unreachable	3.8.x-To-3.9.x	N	DP1206
Device Unsupported	3.8.x-To-3.9.x	N	DP1206
Link Down	3.8.x-To-3.9.x	N	DP1206
Link up	3.8.x-To-3.9.x	N	DP1206
Port Down	3.8.x-To-3.9.x	N	DP1206
Interface Status Down/Up	3.8.x-To-3.9.x	N	DP1206
CPU Over Utilized	3.8.x-To-3.9.x	N	DP1206
Memory Over Utilized	3.8.x-To-3.9.x	N	DP1206

Supported Technologies on Calix Devices

The following sections list the objects and attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

- IP, page 4-13
- Ethernet (IEEE 802.3), page 4-13
- ATM, page 4-14
- Point to Point, page 4-14
- DSL, page 4-15
- Hardware, page 4-15
- Base Logical Components, page 4-16
- Common, page 4-17
- Additional Technologies, page 4-17
- Additional Technologies(EPS Info), page 4-18

- Additional Technologies(EPS State), page 4-18
- Additional Technologies(Access Prof Info), page 4-19
- Additional Technologies(Access Profile), page 4-19

IP

The following table (Table 4-16) lists the ip protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-16 IP Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IIPInterface					
IP Address	Y	Y	Y	Y	Y
Subnetwork Mask	Y	Y	Y	Y	Y
Interface Name	Y	Y	Y	Y	Y
IP Interface State	Y	Y	Y	Y	Y
IMO Name—IRoutingEntity					
Routing Table	Y	Y	Y	Y	Y
ARP Entity	Y	Y	Y	Y	Y
Name	Y	Y	Y	Y	Y
Logical Sons	Y	Y	Y	Y	Y
IMO Name—IRoutingEntry					
Destination IP Subnet	Y	Y	Y	Y	Y
Next Hop IP Address	Y	Y	Y	Y	Y
Type	Y	Y	Y	Y	Y
Outgoing Interface Name	Y	Y	Y	Y	Y
IMO Name—IARPEntity					
ARP Table	Y	Y	Y	Y	Y
IMO Name—IARPEntry					
IP Address	Y	Y	Y	Y	Y
MAC Address	Y	Y	Y	Y	Y
Port	Y	Y	Y	Y	Y
Entry Type	Y	Y	Y	Y	Y

Ethernet (IEEE 802.3)

The following table (Table 4-17) lists the ethernet (ieee 802.3) protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-17 Ethernet (IEEE 802.3) Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IEthernet					
IANA Type	Y	Y	Y	Y	Y
IMO Name—IVlanInterface					
Mode	Y	Y	Y	Y	Y
Virtual LAN Table	Y	Y	Y	Y	Y
IANA Type			Y	Y	Y
IMO Name—IIEEE802					
VLAN Identification	Y	Y	Y	Y	Y
IANA Type	Y	Y	Y	Y	Y

ATM

The following table (Table 4-18) lists the atm protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-18 ATM Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IAtmVc					
Virtual Channel Identifier	Y	Y			
Virtual Path Identifier	Y	Y			
Administrative Status	Y	Y			
Operational Status	Y	Y			

Point to Point

The following table (Table 4-19) lists the point to point protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-19 Point to Point Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—Iencapsulation (HDLC/PPP)					

Table 4-19 Point to Point Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10 (Continued)

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Virtual Connection	Y	Y			
Binding Status	Y	Y			

DSL

The following table (Table 4-20) lists the dsl protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-20 DSL Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IAdsltraTrafficDescriptor					
Max, Min and Target Transmission and Reception Noise Margins	Y	Y			
Max, Min and Planned Target Transmission and Reception Bit Rates	Y	Y			
Channel type	Y	Y			
Name	Y	Y			

Hardware

The following table (Table 4-21) lists the hardware protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-21 Physical Equipment Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IChassis					
Description	Y	Y	Y	Y	Y
Equipment Holder Type	Y	Y	Y	Y	Y
Type	Y	Y	Y	Y	Y
Serial Number	Y	Y	Y	Y	Y
IMO Name—IShelf					
Equipment Holder Type	Y	Y	Y	Y	Y

Table 4-21 Physical Equipment Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10 (Continued)

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IModule					
Module Name	Y	Y	Y	Y	Y
Module Description	Y	Y	Y	Y	Y
Software Version	Y	Y	Y	Y	Y
Operational Status			Y	Y	Y
Hardware Type & Version	Y	Y	Y	Y	Y
Operational Status Last Changed	Y	Y	Y	Y	Y
Serial Number (soft property)	Y	Y	Y	Y	Y

Base Logical Components

The following table (Table 4-22) lists the base logical components protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-22 Base Logical Components Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IManagedElement					
IP Address	Y	Y	Y	Y	Y
Communication State	Y	Y	Y	Y	Y
Investigation State	Y	Y	Y	Y	Y
Element Category	Y	Y	Y	Y	Y
Element Type and Key	Y	Y	Y	Y	Y
Device Name	Y	Y	Y	Y	Y
System Name	Y	Y	Y	Y	Y
System Description	Y	Y	Y	Y	Y
Up Time	Y	Y	Y	Y	Y
Software Version	Y	Y	Y	Y	Y
Vendor Identity	Y	Y	Y	Y	Y
Memory and CPU Usage	Y	Y	Y	Y	Y
IMO Name—ISystemService					
Up Time	Y	Y	Y	Y	Y

Common

The following table (Table 4-23) lists the common protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-23 Common Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IPhysicalLayer					
Media Type	Y	Y	Y	Y	Y
Maximum Speed	Y	Y	Y	Y	Y
Is Internal Port	Y	Y	Y	Y	Y
Discarded and Received Input Data Counters	Y	Y	Y	Y	Y
Dropped and Forward Output Data Counters	Y	Y	Y	Y	Y
Administrative Status	Y	Y	Y	Y	Y
Operational Status	Y	Y	Y	Y	Y
Last Changed	Y	Y	Y	Y	Y
IANA Type	Y	Y	Y	Y	Y
IMO Name—IBridge					
Bridge Table	Y	Y	Y	Y	Y
Type	Y	Y	Y	Y	Y
MAC Address	Y	Y	Y	Y	Y
IP Interface	Y	Y	Y	Y	Y
Name	Y	Y	Y	Y	Y
Logical Sons	Y	Y	Y	Y	Y

Additional Technologies

The following table (Table 4-24) lists the additional technologies protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-24 Additional Technologies Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IPower Supply					
Voltage names	Y	Y	Y	Y	Y

Table 4-24 Additional Technologies Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10 (Continued)

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Voltage Value	Y	Y	Y	Y	Y
IMO Name—IFan					
Fan Name	Y	Y	Y	Y	Y
Fan Value	Y	Y	Y	Y	Y

Additional Technologies(EPS Info)

The following table (Table 4-25) lists the additional technologies (eps info) protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-25 Additional Technologies(EPS Info) Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IManagedElement					
EPS Device mode	Y	Y	Y	Y	Y
EPS Path group	Y	Y	Y	Y	Y
Untagged vlan id	Y	Y	Y	Y	Y
Mac Address	Y	Y	Y	Y	Y

Additional Technologies(EPS State)

The following table (Table 4-26) lists the additional technologies (eps state) protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-26 Additional Technologies(EPS State)Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IphysicalLayer					
Tagged	Y	Y	Y	Y	Y
Untagged	Y	Y	Y	Y	Y
Doubleqtag	Y	Y	Y	Y	Y
Ring PG1	Y	Y	Y	Y	Y

Table 4-26 Additional Technologies(EPS State)Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Ring PG2	Y	Y	Y	Y	Y
Ring all	Y	Y	Y	Y	Y
SUB	Y	Y	Y	Y	Y
INTC	Y	Y	Y	Y	Y

Additional Technologies(Access Prof Info)

The following table (Table 4-27) lists the additional technologies (access prof info) protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-27 Additional Technologies(Access Prof Info) Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IphysicalLayer					
Acess Profile Name	Y	Y	Y	Y	Y
Service ID	Y	Y	Y	Y	Y

Additional Technologies(Access Profile)

The following table (Table 4-28) lists the additional technologies (access profile) protocols attributes that are supported on Calix devices in Prime Network Version 3.10 per technology:

Table 4-28 Additional Technologies(Access Profile) Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—ICalixAccessProfile					
Input Service Policy	Y	Y	Y	Y	Y
Output Service Policy	Y	Y	Y	Y	Y
Igmp Port Type	Y	Y	Y	Y	Y
Igmp Source Address	Y	Y	Y	Y	Y
Igmp Max Streams	Y	Y	Y	Y	Y
EPSVlan	Y	Y	Y	Y	Y

Table 4-28 Additional Technologies(Access Profile) Attribute Support on Calix Blade Series Switches—Prime Network Version 3.10 (Continued)

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Mac Limit	Y	Y	Y	Y	Y
Mac Learning	Y	Y	Y	Y	Y
DHCP Mode	Y	Y	Y	Y	Y
DHCP Servers	Y	Y	Y	Y	Y
DHCP Hot Swap	Y	Y	Y	Y	Y
Arp Mode	Y	Y	Y	Y	Y
Arp Cache Timeout	Y	Y	Y	Y	Y
Profile name	Y	Y	Y	Y	Y