



CHAPTER 4

Support Information for Calix Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Calix devices in Cisco ANA Version 3.7.2 and 3.7.3. For more information about the objects and attributes described in this chapter, see the [Cisco Active Network Abstraction 3.7.2 Reference 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 Cisco ANA Version 3.7.2 and 3.7.3, see [Calix Blade 6214 Series DSLAM](#)):

- [Calix Blade 6214 Series DSLAM—Supported Software Versions, page 4-1](#)
- [Calix Blade 6214 Series DSLAM—Supported Modules, page 4-2](#)
- [Calix Blade 6214 Series DSLAM—Supported Technologies, page 4-2](#)
- [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—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
V5.5R4	3.7.2/3.7.3	9.0
V5.5R5	3.7.2/3.7.3	9.0

Table 4-1 *Supported Software Versions for Calix Blade 6214 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Software Version	Product Version	DP Version
V5.5R9	3.7.2/3.7.3	9.0
V5.5R10	3.7.2/3.7.3	9.0
7.2R5	3.7.2/3.7.3	9.0

Calix Blade 6214 Series DSLAM—Supported Modules

Table 4-2 *Supported Modules for Calix Blade 6214 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6214	3.7.2/3.7.3	6214 Blade and BLC 6214 Assembly ADSL2Plus with Gigabit Ethernet, Integrated Splitter (POTS: 48 ports, Gigabit Ethernet: 10 ports)	9.0
Power Supply	3.7.2/3.7.3	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	9.0
Fan Tray	3.7.2/3.7.3	It supports Fan 1 to Fan 10 ² .	9.0

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 Cisco ANA Version 3.7.2 and 3.7.3:

- [IP](#), page 4-13
- [Ethernet \(IEEE 802.3\)](#), page 4-14
- [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 4-18
- [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—Cisco ANA Version 3.7.2 and 3.7.3**

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

Calix Blade 6216 Series DSLAM

This section includes the following information about Calix Blade 6216 Series DSLAM (for information on the NE types supported in Cisco ANA Version 3.7.2 and 3.7.3, 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 6316 Series Switches—Supported Service Events](#), page 4-9

Calix Blade 6216 Series DSLAM—Supported Software Versions

Table 4-4 *Supported Software Versions for Calix Blade 6216 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
7.2R5	3.7.2/3.7.3	9.0

Calix Blade 6216 Series DSLAM—Supported Modules

Table 4-5 *Supported Modules for Calix Blade 6216 Series DSLAM—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6-216	3.7.2/3.7.3	The B6-216 features eight Gigabit Ethernet ports, two optical and six copper and 48-port VDSL2/ADSL2+ card.	9.0

Calix Blade 6216 Series DSLAM—Supported Technologies

The following technologies are supported by the Calix Blade 6216 Series DSLAM in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP](#), page 4-13
- [Ethernet \(IEEE 802.3\)](#), page 4-14
- [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 4-18
- [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—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

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 Cisco ANA Version 3.7.2 and 3.7.3, 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—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
5.5R4	3.7.2/3.7.3	9.0
5.5R5	3.7.2/3.7.3	9.0

Calix Blade 6312 Series Switches—Supported Modules

Table 4-8 *Supported Modules for Calix Blade 6312 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
6312 Blade	3.7.2/3.7.3	Optical Line Termination Blade	9.0

Calix Blade 6312 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6312 Series Switch devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 4-13](#)
- [Ethernet \(IEEE 802.3\), page 4-14](#)
- [Hardware, page 4-15](#)
- [Base Logical Components, page 4-16](#)
- [Common, page 4-17](#)
- [Additional Technologies, page 4-18](#)
- [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—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

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 Cisco ANA Version 3.7.2 and 3.7.3, 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 4-8
- [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 Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
7.0R1	3.7.2/3.7.3	9.0
7.0R1_S101	3.7.2/3.7.3	9.0
7.2R3	3.7.2/3.7.3	9.0

Calix Blade 6316 Series Switches—Supported Modules

Table 4-11 *Supported Modules for Calix Blade 6316 Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6-316	3.7.2/3.7.3	6316 Blade, 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))	9.0
Power Supply	3.7.2/3.7.3	+1.0V +5V -48V_2 -48V_1 +1.5V +1.2V +1.25V +1.8V +2.5V +3.3V	9.0
Fan Tray	3.7.2/3.7.3	It supports Fan 1 to Fan 4.	9.0

Calix Blade 6316 Series Switches—Supported Technologies

The following technologies are supported by the Calix Blade 6316 Series Switch devices in Cisco ANA Version 3.7.2 and 3.7.3:

- [IP, page 4-13](#)

- [Ethernet \(IEEE 802.3\), page 4-14](#)
- [Hardware, page 4-15](#)
- [Base Logical Components, page 4-16](#)
- [Common, page 4-17](#)
- [Additional Technologies, page 4-18](#)
- [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 Switches—Cisco ANA Version 3.7.2 and 3.7.3**

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

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 Cisco ANA Version 3.7.2 and 3.7.3, 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—Cisco ANA Version 3.7.2 and 3.7.3*

Software Version	Product Version	DP Version
V5.5R4	3.7.2/3.7.3	9.0
V5.5R5	3.7.2/3.7.3	9.0
V5.5R7P8	3.7.2/3.7.3	9.0
7.1R2	3.7.2/3.7.3	9.0

Calix Blade 6450 Series Switches—Supported Modules

Table 4-14 *Supported Modules for Calix Blade 6450 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3*

Module Name	Product Version	Module Description	DP Version
B6450	3.7.2/3.7.3	B6450 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))	9.0

Table 4-14 *Supported Modules for Calix Blade 6450 Series Switch—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Module Name	Product Version	Module Description	DP Version
Power Supply	3.7.2/3.7.3	+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	9.0
Fan Tray	3.7.2/3.7.3	It supports Fan 1 to Fan 10 ³ .	9.0

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 Cisco ANA Version 3.7.2 and 3.7.3:

- [IP](#), page 4-13
- [Ethernet \(IEEE 802.3\)](#), page 4-14
- [Hardware](#), page 4-15
- [Base Logical Components](#), page 4-16
- [Common](#), page 4-17
- [Additional Technologies](#), page 4-18
- [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—Cisco ANA Version 3.7.2 and 3.7.3*

Event Name	Product Version	Expedited	DP Version
Active IP Interfaces Found	3.7.2/3.7.3	Y	9.0
All IP Interfaces Down	3.7.2/3.7.3	Y	9.0
Device Unreachable	3.7.2/3.7.3	N	9.0
Device Unsupported	3.7.2/3.7.3	N	9.0
Link Down	3.7.2/3.7.3	N	9.0
Link up	3.7.2/3.7.3	N	9.0
Port Down	3.7.2/3.7.3	N	9.0
Interface Status Down/Up	3.7.2/3.7.3	N	9.0
CPU Over Utilized	3.7.2/3.7.3	N	9.0
Memory Over Utilized	3.7.2/3.7.3	N	9.0

Supported Technologies on Calix Devices

The following sections list the objects and attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

- [IP, page 4-13](#)
- [Ethernet \(IEEE 802.3\), page 4-14](#)
- [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 4-18](#)
- [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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-16 IP Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IPIInterface					
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—IARPEntity					
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) protocol attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-17 Ethernet (IEEE 802.3) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

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
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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-18 ATM Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-19 *Point to Point Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—Iencapsulation (HDLC/PPP)					
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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-20 *DSL Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-21 *Physical Equipment Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

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

Table 4-21 *Physical Equipment Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Serial Number	Y	Y	Y	Y	Y
IMO Name—IShelf					
Equipment Holder Type	Y	Y	Y	Y	Y
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
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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-22 *Base Logical Components Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

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

Table 4-22 *Base Logical Components Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)*

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-23 *Common Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3*

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-24 Additional Technologies Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
IMO Name—IPower Supply					
Voltage names	Y	Y	Y	Y	Y
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) protocol attributes that are supported on Calix devices in Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-25 Additional Technologies(EPS Info) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-26 Additional Technologies(EPS State)Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
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
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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-27 Additional Technologies(Access Prof Info) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
IMO Name—IphysicalLayer					
Access 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 Cisco ANA Version 3.7.2 and 3.7.3 per technology:

Table 4-28 Additional Technologies(Access Profile) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3

	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
Attributes					
IMO Name—IcalixAccessProfile					
Input Service Policy	Y	Y	Y	Y	Y

Table 4-28 **Additional Technologies(Access Profile) Attribute Support on Calix Blade Series Switches—Cisco ANA Version 3.7.2 and 3.7.3 (Continued)**

Attributes	BLC 6214	BLC 6216	BLC 6312	BLC 6316	BLC 6450
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
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