



CHAPTER 9

Support Information for Redback Devices

This chapter contains support information for Virtual Network Elements (VNEs) that manage Redback devices in Cisco ANA Version 3.6.7. For more information about the objects and attributes described in this chapter, see [Cisco Active Network Abstraction 3.6.7 Technology Support and Information Model Reference Manual](#).

This chapter contains the following topics:

- [SmartEdge 800 Multiservice Edge Router, page 9-1](#)
- [Redback SMS Family, page 9-4](#)
- [Supported Technologies on Redback Devices, page 9-7](#)

SmartEdge 800 Multiservice Edge Router

This section includes the following information about SmartEdge 800 devices (for information on the NE types supported in Cisco ANA Version 3.6.7, see [SmartEdge 800 Multiservice Edge Router](#)):

- [SmartEdge 800—Supported Software Versions, page 9-2](#)
- [SmartEdge 800—Supported Topologies, page 9-2](#)
- [SmartEdge 800—Supported Modules, page 9-2](#)
- [SmartEdge 800—Supported Technologies, page 9-3](#)
- [SmartEdge 800—Supported Service Events, page 9-3](#)

SmartEdge 800—Supported Software Versions

Table 9-1 *Supported Software Versions for SmartEdge 800—Cisco ANA Version 3.6.7*

Software Version	ANA Version	Certification Level
SEOS 4.0.5.5	3.5.2	V
SEOS 2.5.7.6	3.5.2	V



Note

Software versions marked with an asterisk (representing a wildcard) are supported by Cisco ANA Version 3.6.7. Specific software versions that have been tested and verified are listed individually and marked as V.

SmartEdge 800—Supported Topologies

Table 9-2 *Supported Topologies for SmartEdge 800—Cisco ANA Version 3.6.7*

Topology Type	Link Type	ANA Version
ATM	ATM	3.5.2
Ethernet	Ethernet	3.5.2
Physical Layer	Physical Layer	3.5.2

SmartEdge 800—Supported Modules

Table 9-3 *Supported Modules for SmartEdge 800—Cisco ANA Version 3.6.7*

Module Name	ANA Version	Module Description	Certification Level
ETHER-12-PORT	3.5.2	12 port 10/100TX Ethernet	V
ATM-OC3-2-PORT	3.5.2	2 port OC-3c/STM-1 ATM	V
ATM-OC3-4-PORT	3.5.2	4 port OC-3c/STM-1 ATM	V
ATM-DS3-12-PORT	3.5.2	12 port DS3 ATM	V
ATM-OC12-1-PORT	3.5.2	1 port OC-12 ATM	V
ATM-OC12E-1-PORT	3.5.2	1 port OC-12e ATM	V
OC3-8-PORT	3.5.2	8 port OC-3c/STM-1	V
GIGAETHER-4-PORT	3.5.2	4 port Gigabit Ethernet	V
GIGAETHER-10-PORT	3.5.2	10 port Gigabit Ethernet	V
XCRP	3.5.2	Cross Connect Route Processor	V
XCRP3	3.5.2	Cross Connect Route Processor	V

SmartEdge 800—Supported Technologies

The following technologies are supported by the SmartEdge 800 in Cisco ANA Version 3.6.7:

- [IP, page 9-7](#)
- [Ethernet \(IEEE 802.3\), page 9-10](#)
- [ATM, page 9-14](#)
- [Point to Point, page 9-18](#)
- [L2TP, page 9-18](#)
- [Physical Technologies, page 9-20](#)
- [Physical Equipment, page 9-21](#)
- [Base Logical Components, page 9-22](#)
- [Common, page 9-23](#)

SmartEdge 800—Supported Service Events

Table 9-4 *Supported Service Events for SmartEdge 800—Cisco ANA Version 3.6.7*

Event Name	ANA Version	Expedited
All IP Interfaces Down / Active IP Interfaces Found	3.5.2	N
Interface Status Down/Up	3.5.2	N
Card In/Out	3.5.2	N
Link Down/Up	3.5.2	N
Device Unreachable	3.5.2	N
Device Unsupported	3.5.2	N
Discard Packets	3.5.2	N
Dropped Packets	3.5.2	N
Module Unsupported	3.5.2	N
Port Flapping	3.5.2	N
Port Down	3.5.2	N
Card Up/Down	3.5.2	N

Redback SMS Family

This section includes the following information about Redback SMS devices (for information on the NE types supported in Cisco ANA Version 3.6.7, see [Redback SMS Family](#)):

- [Redback SMS—Supported Software Versions](#), page 9-4
- [Redback SMS—Supported Topologies](#), page 9-4
- [Redback SMS—Supported Modules](#), page 9-5
- [Redback SMS—Supported Technologies](#), page 9-5
- [Redback SMS—Supported Service Events](#), page 9-6

Redback SMS—Supported Software Versions

Table 9-5 *Supported Software Versions for Redback SMS—Cisco ANA Version 3.6.7*

Software Version	ANA Version	Certification Level
6.0.9.18 MAINTENANCE RELEASE	3.5.2	V

**Note**

Software versions marked with an asterisk (representing a wildcard) are supported by Cisco ANA Version 3.6.7. Specific software versions that have been tested and verified are listed individually and marked as V.

Redback SMS—Supported Topologies

Table 9-6 *Supported Topologies for Redback SMS—Cisco ANA Version 3.6.7*

Topology Type	Link Type	ANA Version
Ethernet	Ethernet	3.5.2

Redback SMS—Supported Modules

Table 9-7 *Supported Modules for Redback SMS—Cisco ANA Version 3.6.7*

Module Name	ANA Version	Module Description	Certification Level
AT2DS3	3.5.2	Two-Port ATM2 DS-3 I/O Module	V
AT2OC3	3.5.2	Two-Port ATM2 OC-3c SMF and MMF I/O Modules	V
AXOC12	3.5.2	Two-Port ATM2 OC-3c SMF and MMF I/O Modules	V
ATDS3	3.5.2	Two-Port ATM2 DS-3 I/O Module	V
ATOC3	3.5.2	Two-Port ATM2 OC-3c SMF and MMF I/O Modules	V
CE1	3.5.2	Control Engine 1 Module	V
CE2	3.5.2	Control Engine 2 Module	V
CE3	3.5.2	Control Engine 3 Module	V
ENET	3.5.2	Two-Port 10/100-Mbps Ethernet I/O Module	V
GIGEX	3.5.2	Two-Port 1Gbps Ethernet I/O Module	V
FE	3.5.2	Forwarding Engine 1 Module	V
FE2	3.5.2	Forwarding Engine 2 Module	V
FE3	3.5.2	Forwarding Engine 3 Module	V
GBENET	3.5.2	Two-Port 1Gbps Ethernet I/O Module	V
XGE	3.5.2	Two-Port 1Gbps Ethernet I/O Module	V
XFE	3.5.2	Forwarding Engine 2 Module	V
FABRIC	3.5.2	Switch Fabric 42G	V
TIMING	3.5.2	Timing module	V

Redback SMS—Supported Technologies

The following technologies are supported by the Redback SMS in Cisco ANA Version 3.6.7:

- [IP, page 9-7](#)
- [Ethernet \(IEEE 802.3\), page 9-10](#)
- [ATM, page 9-14](#)
- [Frame Relay, page 9-16](#)
- [Point to Point, page 9-18](#)
- [L2TP, page 9-18](#)
- [Physical Technologies, page 9-20](#)
- [Physical Equipment, page 9-21](#)
- [Base Logical Components, page 9-22](#)
- [Common, page 9-23](#)

Redback SMS—Supported Service Events

Table 9-8 *Supported Service Events for Redback SMS—Cisco ANA Version 3.6.7*

Event Name	ANA Version	Expedited
Primary HSRP Interface Active/Inactive	3.5.2	N
Secondary HSRP Interface Active/Inactive	3.5.2	N
All IP Interfaces Down / Active IP Interfaces Found	3.5.2	Y
Interface Status Down/Up	3.5.2	Y
Card In/Out	3.5.2	Y
Link Down/Up	3.5.2	Y
Device Unreachable	3.5.2	N
CPU Over Utilized	3.5.2	N
Memory Over Utilized	3.5.2	N
Device Unsupported	3.5.2	N
Discard Packets	3.5.2	N
Dropped Packets	3.5.2	N
Module Unsupported	3.5.2	N
Port Flapping	3.5.2	N
Port Down	3.5.2	Y
Rx Over Utilized	3.5.2	N
Tx Over Utilized	3.5.2	N
VPN Leak	3.5.2	N
Cloud Problem	3.5.2	N
Broken LSP Discovered	3.5.2	N
MPLS Black Hole	3.5.2	N
Layer 2 Tunnel Down	3.5.2	N
MPLS TE Tunnel Down/Flapping	3.5.2	N
BGP Neighbor Down	3.5.2	N
Card Up/Down	3.5.2	Y

Supported Technologies on Redback Devices

The following sections list the objects and attributes that are supported on Redback devices in Cisco ANA Version 3.6.7 per technology:

- [IP, page 9-7](#)
- [Ethernet \(IEEE 802.3\), page 9-10](#)
- [ATM, page 9-14](#)
- [Frame Relay, page 9-16](#)
- [Point to Point, page 9-18](#)
- [L2TP, page 9-18](#)
- [Physical Technologies, page 9-20](#)
- [Physical Equipment, page 9-21](#)
- [Base Logical Components, page 9-22](#)
- [Common, page 9-23](#)

IP

Table 9-9 *IP Attribute Support on Redback Devices—Cisco ANA Version 3.6.7*

Attribute	SE 800	SMS
IMO Name—IIPInterface		
IP Address	Y	Y
Subnetwork Mask	Y	Y
IP Interface Addresses Array		Y
Interface Name	Y	Y
Interface Description	Y	Y
IP Interface State	Y	Y
OSPF Interface Cost		
Broadcast Address		
MTU		
Lookup Method		
Address Resolution Type		
ARP Timeout		
Secured ARP		
ICMP Mask Reply		
IGMP Proxy		
HSRP Groups		
IP Multiplexing Table		

Table 9-9 *IP Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)*

Attribute	SE 800	SMS
IANA Type		
Containing CTPs		
Contained CTPs		
IMO Name—IIPMuxEntry		
Termination Point		Y
Destination IP Subnet		Y
IMO Name—IRoutingEntity		
Routing Table	Y	Y
ARP Entity	Y	
Routing Table Changes		
Name	Y	
Logical Sons	Y	
IMO Name—IRoutingEntry		
Destination IP Subnet	Y	Y
Next Hop IP Address	Y	Y
Type	Y	Y
Routing Protocol Type	Y	Y
Outgoing Interface Name	Y	Y
IMO Name—IARPEntity		
ARP Table	Y	
IMO Name—IARPEntity		
IP Address	Y	
MAC Address	Y	
Port	Y	
Entry Type	Y	
IMO Name—IIPPool		
IP Address Pool Entries	Y	Y
Name	Y	Y
Index		
IMO Name—IIPRangeBasedIIPPoolEntry		
Start IP Address		
End IP Address		
Unused Addresses		
Used Addresses		
Reserved Addresses		

Table 9-9 *IP Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)*

Attribute	SE 800	SMS
IMO Name—IIPSubnetBasedIPPoolEntry		
IP Subnet	Y	Y
Unused Addresses	Y	Y
Used Addresses	Y	Y
Reserved Addresses	Y	Y
IMO Name—HSRPGroupEntry		
Group Number		
Port Description		
Priority		
Coupled Router		
State		
Tracking Interfaces		
Virtual IP Address		
Virtual MAC Address		
IMO Name—ITunnelGRE		
Name		
Tunnel Destination and Source		
IP Address		
IP Interface State		
IANA Type		
Containing CTPs		
Contained CTPs		
Keep Alive Time		
Keep Alive Retry		

Ethernet (IEEE 802.3)

Table 9-10 Ethernet (IEEE 802.3) Attribute Support on Redback Devices—Cisco ANA Version 3.6.7

Attribute	SE 800	SMS
IMO Name—ILinkAggregationGroup802dot3ad		
dot3adAggMACAddress		
dot3adAggActorSystemPriority		
dot3adAggActorSystemID		
dot3adAggActorAdminKey		
dot3adAggActorOperKey		
dot3adAggPartnerSystemID		
dot3adAggPartnerSystemPriority		
dot3adAggPartnerOperKey		
dot3adAggCollectorMaxDelay		
GroupNumber		
AggregationProtocolType		
MacAddress		
ChannelAdminStatus		
ChannelOperStatus		
IMO Name—IEthernet		
MAC Address	Y	Y
Duplex Mode		
Output Flow Control		
Input Flow Control		
IANA Type		
Containing CTPs		
Contained CTPs		
Port Type		
IMO Name—IVlanInterface		
Mode		
Native VLAN Identification		
Virtual LAN Table		
IANA Type		
Containing CTPs		
Contained CTPs		
vlanAdminType		

Table 9-10 Ethernet (IEEE 802.3) Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)

Attribute	SE 800	SMS
vlanencapType		
getAccess		
Allowed Vlans		
IMO Name—IVlanEncapMux		
IANA Type		
Containing CTPs		
Contained CTPs		
IMO Name—IIEEE802		
VLAN Identification	Y	Y
Binding Information	Y ¹	Y
Binding Status	Y ²	Y
IANA Type	Y	
Containing CTPs		
Contained CTPs		
IMO Name—IStpService		
StpProtocol		
StpMaxAge		
StpHelloTime		
StpBridgeForwardDelay		
StpInstanceInfoTable		
Same as ISystemService		
StpUplinkFastState		
StpBackboneFastState		
StpForwardDelay		
StpBridgeMaxAge		
StpBridgeHelloTime		
IMO Name—IMstService		
MstProperties		
Same as IStpService		
IMO Name—IPvstpService		
UpLinkFast		
BackboneFast		
IMO Name—IMstProperties		
MstForceVersion		
MstCfgIdFmtSel		

Table 9-10 Ethernet (IEEE 802.3) Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)

Attribute	SE 800	SMS
MstExternalRootCost		
MstMaxInstances		
MstCfgIdName		
MstCfgIdRevLevel		
IMO Name—IStpInstanceInfo		
Object Identification		
StpBridgeId		
BridgePriority		
Designated Parent and Root Bridges		
StpRootCost		
IsRoot		
StpRootPort		
StpPortInfoTable		
STP Instance Id		
Vlan Id		
StpDesignatedBridge		
StpDesignatedRoot		
IMO Name—IMstInstanceInfo		
MstVlanIds		
Same as IStpInstanceInfo		
IMO Name—IPvstpInstanceInfo		
Protocol Type		
StpBridgeMaxAge		
StpBridgeHelloTime		
StpBridgeForwardDelay		
StpProtocolSpecification		
StpVlanId		
StpForwardDelay		
StpMaxAge		
IMO Name—IRstpInstanceInfo		
StpForceVersion		
Same as IStpInstanceInfo		
IMO Name—IStpPortInfo		
StpPort		
StpPortPriority		

Table 9-10 Ethernet (IEEE 802.3) Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)

Attribute	SE 800	SMS
StpPortState		
StpPortPathCost		
StpPortEdgePort		
StpPortPointToPoint		
StpPortRole		
StpDesignatedPortIdentifier		
StpDesignatedBridge		
StpPortIdentifier		
StpPortBpduGuardState		
StpPortBpduFilterState		
IMO Name—IMstPortInfo		
MstPortHelloTime		
Same as IStpPortInfo		
IMO Name—IPvstpPortInfo		
PvstpPortFastState		
IMO Name—IEthernetChannel		
Group Number		
Bandwidth		
Aggregation Protocol		
IANA Type		
Containing CTPs		
Contained CTPs		
Mac Address		
Admin Status		
Oper Status		

^{1, 2}No Subscriber binding info

ATM

Table 9-11 *ATM Attribute Support on Redback Devices—Cisco ANA Version 3.6.7*

Attribute	SE 800	SMS
IMO Name—IAtm		
ATM Address		
Interface Type		
VP and VC Ranges	Y	Y
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		
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	Y
Operational Status	Y	Y
IANA Type	Y	
Containing CTPs		
Contained CTPs		
IMO Name—IAtmTrafficDescriptor		
Traffic Descriptor Type	Y	Y

Table 9-11 ATM Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)

Attribute	SE 800	SMS
Service Category	Y	Y
Cell Loss Priority	Y	Y
Cell Delay Variation	Y	Y
Cell Dealy Variation Tolerance	Y	Y
Maximum High Priority and Aggregate Cell Rates	Y	Y
Minimum High Priority and Aggregate Cell Rates	Y	Y
Sustainable High Priority and Aggregate Cell Rates	Y	Y
Peak High Priority and Aggregate Cell Rates	Y	Y
Name	Y	Y
Index		Y
IMO Name—IAtmTrafficShapingDescriptor		
Maximum Burst Size		
Sustainable and Peak Cell Rates		
Cell Delay Variation		
State		
Buffer Size		
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		

Table 9-11 ATM Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)

Attribute	SE 800	SMS
IMO Name—IAtmTrunkVc		
Destination Description		
Same as IAtmVc		
IMO Name—IIMAGroup		
AdminStatus		
OperStatus		
GroupNumber		
ImaVersion		
Speed		
ConfiguredBandwidth		
NumberOfLinks		
NumberOfActiveLinks		
MinimumNumberOfTxLinks		
MinimumNumberOfRxLinks		
ClockMode		
FrameLength		
interfaceName		
groupStatus		

Frame Relay

Table 9-12 Frame Relay Attribute Support on Redback Devices—Cisco ANA Version 3.6.7

Attribute	SE 800	SMS
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		

Table 9-12 **Frame Relay Attribute Support on Redback Devices—Cisco ANA Version 3.6.7**

Attribute	SE 800	SMS
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		
IMO Name—IfrTrafficDescriptor		
Committed Rate		
Excess Burst Rate		
Name		
Index		
IMO Name—IfrFrameRelayLogicalPort/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		Y

Point to Point

Table 9-13 Point to Point Attribute Support on Redback Devices—Cisco ANA Version 3.6.7

Attribute	SE 800	SMS
IMO Name—IvBasedEncapsulation		
Virtual Connection	Y	Y
Binding Information	Y	Y
Binding Status	Y	Y
IANA Type	Y	Y
Containing CTPs		
Contained CTPs		
IMO Name—Iencapsulation (HDLC/PPP)		
Virtual Connection		
Binding Information		
Binding Status		
IANA Type		
Containing CTPs		
Contained CTPs		

L2TP

Table 9-14 L2TP Attribute Support on Redback Devices—Cisco ANA Version 3.6.7

Attribute	SE 800	SMS
IMO Name—IL2TPTunnel		
Local and Remote Tunnel Identifications	Y	Y
Local and Remote Tunnel Names		Y
Remote Address	Y	Y
Control Errors	Y	Y
Last Error Code		Y
Tunnel State	Y	Y
Sessions Count	Y	Y
Sessions Table	Y	Y
IMO Name—IL2TPSessionEntry		
Local and Remote Session Identification	Y	

Table 9-14 L2TP Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)

Attribute	SE 800	SMS
Subscriber Name	Y	Y
Session Type		
Session State	Y	Y
Input and Output Data Counters		Y
IMO Name—IL2TPPeer		
Local and Peer Address	Y	Y
Local and Peer Names	Y	Y
Tunnel Type	Y	Y
Tunnel Mode		Y
Maximum and Current Tunnels Counts	Y	Y
Maximum and Current Sessions Count	Y	Y
Session Authentication Type		
Tunnel Password		
RADIUS Identification		
Hello Time Interval	Y	Y
Control Errors	Y	Y
Media Type		
Group Identification	Y	
Domain Table	Y	
Logical Sons	Y	
IMO Name—IL2TPGroup		
Group Name	Y	Y
Tunnel Algorithm	Y	Y
Dead Time	Y	Y
RADIUS Identification		
Peers List	Y	Y
Domains Table	Y	Y
Name	Y	
Index		
IMO Name—IL2TPDomainEntry		
Domain Name	Y	Y
Attached To Object	Y	
Name	Y	
Index		

Physical Technologies

Table 9-15 *Physical Technologies Attribute Support on Redback Devices—Cisco ANA Version 3.6.7*

Attribute	SE 800	SMS
IMO Name—IsonetSdh		
Specific Type		
Loopback Type	Y	
Scrambling Mode	Y	
Same as IPhysicalLayer		
IMO Name—IDS0Bundle		
Bundled Time Slots		
Bundle Location		
IANA Type		
Containing CTPs		
Contained CTPs		
IMO Name—IDS1Pdh / IDS3Pdh		
Framing Type	Y	Y
Cell Mapping Type		Y
Loopback Type		Y
Scrambling Mode		Y
Same as IPhysicalLayer		
portDescription		
internationalBit		
nationalBits		
framing		
lineCode		
cableLength		
recoveredClockingId		
clocking		
loopback		
alarmState		

Physical Equipment

Table 9-16 *Physical Equipment Attribute Support on Redback Devices—Cisco ANA Version 3.6.7*

Attribute	SE 800	SMS
IMO Name—IChassis		
Description	Y	
Equipment Holder Type		Y
Contained Equipment Holders		
Contained Equipments		
Serial Number		
IMO Name—IShelf		
Description		
Status		
Equipment Holder Type		
Contained Equipment Holders		
Contained Equipments		
Serial Number		
IMO Name—IModule		
Module Name	Y	Y
Module Description	Y	Y
Software Version	Y	Y
Operational Status	Y	Y
Hardware Type + Version	Y	Y
Managed IP Address		
Redundant Equipment		
Configured Redundancy		
Redundancy Status		
Operational Status Last Changed		
Supported Physical Termination Points		
Serial Number (soft property)	Y	Y
Slots Number		

Base Logical Components

Table 9-17 *Base Logical Components Attribute Support on Redback Devices—Cisco ANA Version 3.6.7*

Attribute	SE 800	SMS
IMO Name—IManagedElement		
IP Address	Y	Y
Communication State	Y	Y
Investigation State	Y	Y
Element Category	Y	Y
Element Type and Key	Y	Y
Device Name	Y	Y
System Name	Y	Y
System Description	Y	Y
Up Time	Y	Y
Software Version	Y	Y
Vendor Identity	Y	Y
Memory and CPU Usage		
DRAM Free		
DRAM Used		
Flash Device Size		
NVRAM Size		
Processor DRAM		
Sys Contact		
Sys Location		
Serial Number		
File Systems		
IMO Name—IContext		
Name	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		

Table 9-17 *Base Logical Components Attribute Support on Redback Devices—Cisco ANA Version 3.6.7 (continued)*

Attribute	SE 800	SMS
Status		
Up Time		Y

Common

Table 9-18 *Common Attribute Support on Redback Devices—Cisco ANA Version 3.6.7*

Attribute	SE 800	SMS
IMO Name—IPhysicalLayer		
Media Type	Y	Y
Clocking Source	Y ¹	Y
Maximum Speed	Y	Y
Is Internal Port	Y	Y
Discarded Bandwidth		
Dropped Bandwidth		
Input Bandwidth		
Output Bandwidth		
Discarded and Received Input Data Counters	Y	
Dropped and Forward Output Data Counters	Y	
Administrative Status	Y	Y
Operational Status	Y	Y
Last Changed	Y	Y
IANA Type	Y	Y
Containing CTPs		
Contained CTPs		
Port Alias		
Location		
Sending Alarms		
Connector Description		
Part ID		
Connectort Serial Num		
Product		

Table 9-18 Common Attribute Support on Redback Devices—Cisco ANA Version 3.6.7

Attribute	SE 800	SMS
Status		
Managed		
IMO Name—IBridge		
Bridge Table	Y	Y
Type	Y	Y
MAC Address		Y
IP Interface		Y
Name	Y	Y
Logical Sons		Y
Vlan Type		
IMO Name—IBridgeEntry		
Destination MAC	Y	Y
Outgoing Interface	Y	Y
IMO Name—IVcSwitchingEntity		
Cross Connect Table		
Cross Connect Table Size		
Logical Sons		

¹Supported for Sonet Interfaces only