



Release Notes for Cisco Active Network Abstraction, 3.6 Service Pack 3

Revised: February 1, 2011, OL-15965-03

These release notes support the release of Cisco Active Network Abstraction, 3.6 Service Pack 3.



Note

See Cisco.com for the most up-to-date version of the Release Notes for Cisco Active Network Abstraction, 3.6 Service Pack 3.

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Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

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New and Changed Information

The following table describes information that has been added or changed since the *Cisco Active Network Abstraction 3.6 Service Pack 3 Release Notes* was last published online.

Table 1 ***New and Changed Information in This Document***

Date Released	Revision	Location
August 6, 2008	Initial Release	—
December 23, 2009	Added the section “Possible Solaris Library Errors”	Installation Notes
June 2, 2010	Added the following open caveats: <ul style="list-style-type: none"> • CSCtg44181—Serial number missing for Fan tray and Power Supply in GUI • CSCtg44205—Serial number missing for fan and power supply for Cisco ME3750 devices 	Open Caveats - Release Cisco ANA 3.x

Introduction

These Release Notes support the release of Cisco Active Network Abstraction, 3.6 Service Pack 3 (Cisco ANA 3.6 Service Pack 3).

Cisco ANA 3.6 is a carrier-class, multi-vendor network and service management platform providing the flexibility for carriers and service providers to efficiently respond to the constant market demand for new, reliable and more sophisticated services.

Cisco ANA 3.6 understands network characteristics and builds a real-time virtual model of the network, serving as a live information base for value-added tools and applications capable of seamless integration within a customer’s existing OSS environment.

Cisco ANA 3.6 provides a unified solution for diverse network environments and applications. Implemented with a highly-scalable distributed architecture, Cisco ANA 3.6 offers integrated configurable network resource management, network and service discovery, network and service fault isolation and a highly flexible service activation engine. These integrated applications enable correlated management of global scale networks supporting millions of subscribers and customers.

Cisco ANA 3.6 is a unified, fully-integrated solution offering:

- Multi-vendor device support
- Multi-Technology coverage: IP, Layer 2 and Layer 3 VPN, xDSL, ATM, Frame Relay, Gigabit Ethernet, Ethernet, 802.1Q, Inter-Switch Link (ISL), QinQ VLAN tag (QinQ), Spanning Tree Protocol (STP), Layer 2 Tunneling Protocol (L2TP), and routing protocols (such as Border Gateway Protocol [BGP]).
- Integrated device, network and service management functionality
- Open interfaces for integration with multiple OSS/BSS applications

Cisco ANA 3.6 dynamically discovers and identifies basic network components, while obtaining end-to-end visibility of the network resources, connections and dependencies, enabling Cisco ANA 3.6 to manage and analyze network behavior. Cisco ANA 3.6 builds its end-to-end understanding of the network structure and inter operability, across vendors, technologies and network layers, into a customer-specific virtual network model for each and every installation.

The virtual network model within Cisco ANA 3.6 is an always maintained up-to-date enabling powerful device, network and service management functionality, including:

- Configurable Device Manager: Basic resource management features for multi-vendor devices
- Network and Service Discovery: Physical and logical discovery with multi-layer network and service connectivity
- Network and Service Fault Isolation: End-to-end, topology-based fault isolation, monitoring & root cause analysis
- Service Activation
- And a series of product options including Northbound APIs, Path Tracing and Client UIs

New Features in Cisco ANA 3.6 Service Pack 3

The following new features were added in Cisco ANA 3.6 Service Pack 3:

- Support for a VSS (Virtual Switching System), a system virtualization technology that allows the pooling of multiple Cisco Catalyst 6500 series switches into a single virtual switch.
- Enhanced Cisco CRS-1 router support:
 - Additional service alarms
 - Support for Ethernet over MPLS with QinQ mode
 - 802.1ad (QinQ)
 - LDP modeling
 - Cisco IOS XR 3.4.3 and Cisco IOS XR 3.6.1
- The auto-clear process:
 - Does not clear a ticket if the root-cause event is not cleared.
 - Does not change the alarm description.
- A new floating user license type is supported which allows users to open single instances of the Cisco ANA NetworkVision, Cisco ANA EventVision, and Cisco ANA Manage applications.
- Enhanced installation procedure—Service Pack 3 includes all patches that were released since the Cisco ANA 3.6 release. The Service Pack 3 installation script automatically uninstalls any patches or fix packs that were previously installed on top of Cisco ANA 3.6.
- Enhanced support for Cisco IOS and Cisco IOX traps
- Enhanced trap level support for Juniper M-series devices
- Spanning Tree Protocol (STP) and Rapid STP (RSTP) support for Lucent Riverstone 3000 devices
- AVM 30 is reserved for the Video Assurance Management solution.
- Support for the Sun T5220 server as a Cisco ANA unit

New VNEs Introduced

This section details the Virtual Network Element (VNE) device support information for Cisco ANA 3.6 Service Pack 3.

Table 2 Cisco ANA 3.6 Service Pack 3 VNEs

Vendor	Device Classification	Device Family	Device Type/Product No.
Cisco	Adaptive Security Appliance	ASA5550	ASA 5550

For details of the type of support provided for each VNE see the [Cisco Active Network Abstraction VNE Reference Guide 3.6 Service Pack 3](#).

The Service Pack also includes support for additional modules and software versions for VNEs that are supported by previous Cisco ANA releases. For details of the updated list, refer to [Cisco Active Network Abstraction VNE Reference Guide 3.6 Service Pack 3](#).

Enhanced Functionality for VNEs

Table 3 Enhanced Functionality for Cisco ANA 3.6 Service Pack 3 VNEs

Vendor	Device Classification	Device Family	Functionality
Cisco	Router	CRS-1	LDP
Cisco	Router	GSR-IOX	LDP
Lucent	Ethernet Switch	Riverstone	STP, RSTP

For details regarding scheme support see the [Cisco Active Network Abstraction Technology Support and Information Model Reference Manual, 3.6 Service Pack 3](#).

Documentation Improvements

[Table 4](#) summarizes the documentation improvements for Cisco ANA 3.6 Service Pack 3.

Table 4 **Documentation Improvements for Cisco ANA 3.6 Service Pack 3**

Document	Improvement
<i>Cisco Active Network Abstraction Administrator Guide, 3.6 Service Pack 3</i>	Added or updated the following information: <ul style="list-style-type: none"> • Guidelines for changing polling intervals • Detailed database backup and restore instructions • System security events • Floating user license
<i>Cisco Active Network Abstraction Customization User Guide, 3.6 Service Pack 3</i>	Consolidated the following guides into this document: <ul style="list-style-type: none"> • <i>Cisco Active Network Abstraction BQL User Guide</i> • <i>Cisco Active Network Abstraction Command Builder User Guide</i> • <i>Cisco Active Network Abstraction Customization User Guide</i> • <i>Cisco Active Network Abstraction Workflow User Guide</i>
<i>Cisco Active Network Abstraction Error Messages, 3.6 Service Pack 3</i>	Added new messages
<i>Cisco Active Network Abstraction Fault Management User Guide, 3.6 Service Pack 3</i>	Updated the information about the auto-clear process
<i>Cisco Active Network Abstraction High Availability User Guide, 3.6 Service Pack 3</i>	Added information on how to estimate how long a unit or AVM is down in the event of failure, and the recovery period
<i>Cisco Active Network Abstraction Installation Guide, 3.6 Service Pack 3</i>	Updates to the document include: <ul style="list-style-type: none"> • Procedures for uninstalling Cisco ANA gateway server systems and Cisco ANA units • Updated procedure for migrating from Cisco ANA 3.5.x to Cisco ANA 3.6
<i>Cisco Active Network Abstraction VNE Reference Guide 3.6 Service Pack 3</i>	Updated the document as follows: <ul style="list-style-type: none"> • Added all new VNEs • Added Cisco IOS and Cisco IOX traps • Enhanced the generic VNE section

Service Alarms Added

Table 5 provides a summary of the service alarms that have been added in Cisco ANA 3.6 Service Pack 3.

Table 5 Service Alarms Added in Cisco ANA 3.6 SP 3

Alarm	Description	Clearing Alarm
BGP Process Down	Issued when a whole BGP process or service is disabled on a device.	BGP Process Up
LDP Neighbor Down	Issued when an LDP neighbor of the device that was previously discovered was removed, or if the interface is no longer running MPLS.	LDP Neighbor Up

For more information about event and alarm configuration parameters, see the [Cisco Active Network Abstraction Fault Management User Guide, 3.6 Service Pack 3](#).

Important Notes

This section includes the following:

- [Installation Notes](#)
- [Solaris 10](#)
- [Solaris Services and Components](#)
- [CRS VNE](#)
- [Supported Schemes](#)
- [Daylight Savings Time Tool for Cisco ANA](#)
- [Configuring Database Storage \(Redo Logs\)](#)
- [Online Help](#)

Installation Notes

This section includes the following:

- [Memory Consumption](#)
- [Generating SSH Keys](#)
- [Backward Compatibility](#)

For the installation see the [Cisco Active Network Abstraction Installation Guide, 3.6 Service Pack 3](#).

Service Pack 3 is installed on top of a Cisco ANA 3.6 installation. The installation of Service Pack 3 includes all patches that were released since the Cisco ANA 3.6 release. Any patches or fix packs that were previously installed on top of Cisco ANA 3.6, will be automatically uninstalled by the Service Pack 3 installation script.

Memory Consumption

In a situation where there are several routers that maintain a few thousand BGP routing entries or more in their routing table, and the VNEs for these devices are using the product scheme, memory consumption may have increased and AVM memory allocations should be checked. Please contact the Cisco Project Manager or Cisco Account Team to perform the necessary calculations.

Consult the [Enhanced Functionality for Cisco ANA 3.6 Service Pack 3 VNEs](#) table to review whether new technology modeling was added to the VNE in use in your deployed environment. In the event that new modeling was added, memory consumption may have increased and AVM memory allocations should be checked. Please contact the Cisco Project Manager or Cisco Account Team to perform the necessary calculations.

Generating SSH Keys

SSH keys must be generated to ensure synchronization between the gateway and the units. SSH keys are generated on the gateway and propagated to all the units in the setup. For more information see the [Cisco Active Network Abstraction Installation Guide, 3.6 Service Pack 3](#).

Backward Compatibility

With regard to backward compatibility of the Cisco ANA 3.6 Service Pack 3 with existing installations of Cisco ANA 3.6 note the following:

- Before performing the installation review the Best Practices for Integration BQL Parsing chapter in the [Cisco Active Network Abstraction Customization User Guide, 3.6 Service Pack 3](#) to ensure that the integration is not affected.
- All system configuration changes made to the registry are maintained.

Solaris 10



Note

When installing a Solaris 10 patch cluster, please follow carefully the instructions in the readme file that comes with the Sun patch cluster, as this may include procedures that are very important for the successful installation of the patch.

The recommended operating system to run Cisco ANA 3.6 Service Pack 3 on SUN servers is Solaris 10. Cisco ANA 3.6 Service Pack 3 is compatible with the latest patch release as published by Sun on January 18, 2008 (the ID of the Cluster patch is: **Generic_120011-14**). This patch release contains the following patches:

Table 6 Sun Patch Release (18 January 2008)

Patch Number	Patch Number
116781-02	117447-01
117463-05	118371-10
118373-01	118564-03
118731-01	118879-02

Table 6 Sun Patch Release (18 January 2008) (continued)

Patch Number	Patch Number
118890-03	118925-05
118929-05	119012-03
119073-03	119077-10
119265-02	119332-01
119336-01	119573-02
119580-05	119586-02
119593-01	119685-11
119824-02	119826-02
119981-09	119985-02
119998-02	120023-01
120032-04	120048-03
120050-06	120469-07
120473-12	120629-08
120780-04	120809-01
120824-09	120845-05
120990-02	120998-02
121006-02	121010-06
121215-01	121229-02
121235-01	121278-01
121282-02	121284-02
121288-03	121292-01
121294-01	121406-01
121473-01	121474-01
121476-01	121478-01
121786-01	121905-01
122251-01	122328-01
122404-01	122412-01
122513-02	122535-01
122637-01	122646-02
122658-04	122660-10
122662-05	122752-04
123017-01	123249-02
123256-02	123324-03
123330-01	123350-01
123354-03	123356-02
123362-01	123418-02

Table 6 Sun Patch Release (18 January 2008) (continued)

Patch Number	Patch Number
123420-02	123422-03
123441-05	123444-01
123910-03	123911-01
123916-05	123954-01
124204-04	124208-01
124250-03	124254-04
124258-07	124280-01
124286-01	124327-04
124442-01	124916-03
124918-02	124921-02
124922-03	124987-02
124990-01	124993-01
124995-01	125009-01
125011-01	125014-03
125018-02	125020-01
125024-01	125026-01
125028-02	125028-03
125035-01	125040-01
125042-02	125073-01
125077-03	125079-01
125100-10	125112-01
125114-01	125116-02
125118-01	125120-03
125123-01	125127-01
125129-01	125198-02
125203-01	125329-03
125363-06	125371-01
125383-01	125385-02
125420-01	125422-01
125424-01	125427-01
125430-01	125432-01
125465-02	125478-01
125486-01	125488-02
125492-01	125494-02
125497-01	125792-01
125795-01	126255-01

Table 6 Sun Patch Release (18 January 2008) (continued)

Patch Number	Patch Number
126303-02	126310-01
126320-01	126429-01
126536-01	126663-01
126838-01	



Note

For any later patches distributed by Sun, please contact the Cisco Project Manager or Cisco Account Team.

Possible Solaris Library Errors

Because several Solaris library files are packaged with Cisco ANA 3.6.7, you may see error messages if your version of Solaris includes commands that rely on updated versions of these libraries. This has been observed when Cisco ANA is installed on Solaris 10 with a kernel level later than Generic_120011-14. (You can check your operating system’s current kernel level with the Solaris **uname -v** command.)

This is the type of error message you will see in this scenario:

```
ld.so.1: id: fatal: libelf.so.1: version `SUNW_1.6' not found (required by file
/lib/libproc.so.1)
ld.so.1: id: fatal: libelf.so.1: open failed: No such file or directory Killed
```

The workaround is to overwrite the Cisco ANA version of the library file (which is listed in the error message) with the newer version that is packaged with your version of Solaris:

```
cp new-solaris-library ANAHOME/old-solaris-library
```

In the following example:

- The outdated library is libelf.so.1
- The updated library is located in /usr/lib/libelf.so.1
- The Cisco ANA installation directory is /export/home/sheer4
- The Cisco ANA subdirectory that contains the outdated library file is /local/lib/sparc/5.10/

This is the command you would run to overwrite the old library with the new library:

```
# cp /usr/lib/libelf.so.1 /export/home/sheer4/local/lib/sparc/5.10/
```

Solaris Services and Components

The following table lists the Solaris services and components that are being used by the Cisco ANA system and must not be removed:

Table 7 *Solaris Services and Components used by Cisco ANA*

Name	Description of function	Configuration information	TCP and UDP port numbers	Traffic classification
Xntpd	Time server	/etc/inet/ntp.conf	123 (UDP)	ntp
/bin/tcsh	Unix shell	None	None	None
/usr/bin/tcsh	Unix shell	None	None	None
Perl	Scripting language	None	None	None
/bin/sh	Unix shell	None	None	None
Rsh/rexec	Remote shell	None	512,513,514 (TCP)	None

The following table lists the product services that are installed with the Cisco ANA system:

Table 8 *Product Services Installed with Cisco ANA*

Name	Description of function	Configuration information	TCP or UDP port numbers	Dynamic TCP or UDP port ranges	Inter-dependencies with other features, applications and services	Traffic classification
Avm[1-999]	Main app	Main/registry/Avm[NUM].xml		2000-3000, 8000-9000 (TCP)	Java,Perl,Tcsh	Inner protocol
Udp2icmp	Icmp redirector	-	10001 (UDP)	-	Perl	-
redirectUdp	Udp redirector	-	162,1162,514,1514 (UDP)	-	Perl	-
Sheer_secured	Secured connectivity between gateway and unit	local/sheer_secured/sheer_conf	1101 (TCP)	-	-	ssh
webserver	Serves the client webstart and the bloodtest.	utils/apache/conf/sheer.conf	1310, 1311 (TCP)	-	-	http
Machine interface	BQL machine to machine interface	-	9002 (TCP)	-	Java	-
secure machine interface	Secured BQL machine to machine interface	-	9003 (TCP)	-	Java	-

Table 8 *Product Services Installed with Cisco ANA (continued)*

Name	Description of function	Configuration information	TCP or UDP port numbers	Dynamic TCP or UDP port ranges	Inter-dependencies with other features, applications and services	Traffic classification
transport switch	Gateway/unit internal message bus	-	9290 (TCP)	-	Java	-
Client Applications Transport	Client/ Gateway message bus This point to point (PTP) connection is secured by SSL.	-	9771 (TCP)	-	Java	-
Syslog redirector	Redirects syslog messages	-	1162 (UDP)	-	-	-
Traps redirector	Redirects trap events	-	1512 (UDP)	-	-	Snmp

CRS VNE

As a prerequisite for the CRS-1 VNE, install the Cisco IOS XR Manageability Package on top of the IOS-XR version. In addition, the device configuration must contain the command, **xml agent tty**.

When creating the SNMP community, configure a new SNMP community that has SystemOwner privileges. To do this login to the device and create a new community READ with SystemOwner privileges, and then direct the ANA VNE to use the new community. For example:

```
snmp-server community licpub RO SystemOwner
snmp-server community ate9riv RW
```

Supported Schemes

Cisco ANA supports two schemes:

- **Product:** This is the default scheme used for all device types supported in this release, except for the Cisco CRS-1, Cisco XR 12000 series, Cisco 3750ME, and the Juniper M-Series.
- **ipcore:** This scheme is used only for routers serving as Provider (P) or Provider Edge (PE) devices.

[Table 9](#) identifies the schemes used by device type.

Table 9 *Schemes Used by Device Type*

Device Types	Product Scheme	ipcore Scheme
All Cisco router devices of families less than 3600	X	
All Cisco router devices of families equal to or greater than 3600	X	X
Cisco Catalyst 6500 series in a VSS configuration	X	X

Table 9 Schemes Used by Device Type (continued)

Device Types	Product Scheme	ipcore Scheme
Non-core devices such as CE routers, switches, WAN switches, DSLAMS, and so on	X	
Cisco 12KXR devices		X
Cisco 3750ME devices		X
Cisco CRS-1 systems		X
Juniper M-Series routers		X

Daylight Savings Time Tool for Cisco ANA

As Cisco ANA comes with JDK 1.4.2_13 it is possible that the daylight savings time at your location has changed since JDK 1.4.2_13 was released. If you suspect that this is true for you, you can use Sun's Daylight Savings Time tool in order to be up to date with the latest daylight savings time as published by SUN.

1. Download the JDK US DST Timezone Update Tool - 1.2.2 from the Java.sun.com Web site. Currently the download URL is:
<http://java.sun.com/javase/downloads/index.jsp>
2. Extract the `tzupdater.jar` file from the downloaded zip file and copy them to `/tmp` on the gateway and unit machines.
3. On all the gateway and units machines perform the following steps:
 - a. Login to the machine as sheer.
 - b. Stop all AVM processes
 - c. Enter the `/tmp` directory.
 - d. Execute the command: `java -jar tzupdater.jar -u -v`
4. Restart the Cisco ANA system.

Configuring Database Storage (Redo Logs)

Anyone already running Cisco ANA 3.6 should change the Oracle installation to write the logs on a different disk. For more information see the [Cisco Active Network Abstraction Installation Guide, 3.6 Service Pack 3](#).

Online Help

The online help for Cisco ANA 3.6 Service Pack 3 has been tested using the following browsers:

- Microsoft Internet Explorer version 6
- Firefox version 2.0
- Avant Browser version 11 build 25

**Note**

The online help was not updated for this version. The most current product documentation for Cisco ANA 3.6 Service Pack 3 is available on Cisco.com at the following URL:
http://www.cisco.com/en/US/products/ps6776/tsd_products_support_series_home.html

Limitations and Restrictions

This section includes the following limitations and restrictions:

- [Cisco ANA NetworkVision](#)
- [Cisco ANA Fault Management](#)
- [Cisco ANA Workflow Editor](#)
- [Cisco ANA Workflow Editor and Floating User License](#)
- [OSPF](#)
- [HSRP](#)
- [ATM Topology Discovery](#)
- [Adaptive Polling](#)
- [BGP Neighbors](#)

Cisco ANA NetworkVision

Cisco ANA NetworkVision with a configuration 512MB of free-non virtual memory per running instance, supports across all of the maps that are open, a maximum of 10000 objects (devices, VPNs, VRFs and sites) 12000 links and 10000 tickets (if the same tickets are displayed in different maps, each instance will be counted separately).

One map in Cisco ANA NetworkVision, supports a maximum of 5000 objects, 6000 links and 5000 tickets.

The maximum number of maps that can be opened for Cisco ANA NetworkVision is five (default), regardless of the number of devices, links and tickets, but this number is configurable assuming that the overall number of links and devices per application do not exceed the maximum limits. For information about customizing the maximum number of maps, please contact the Cisco Project Manager or Cisco Account Team.

Cisco ANA Fault Management

The maximum number of open tickets (other tickets can be correlated to them) for the system is 5000. This number is configurable in the registry, however we do not recommend increasing it. For a definition of an open ticket, see the *Cisco Active Network Abstraction Fault Management User Guide, 3.6 Service Pack 3*. The operator should ensure that tickets are closed on time.

**Note**

Changes to the registry should only be carried out with the support of Cisco, for details please contact the Cisco Project Manager or Cisco Account Team.

A “*tickets capacity overflow*” system alarm is generated when this number is exceeded. The alarm severity is defined as critical.

Cisco ANA Workflow Editor

The following restriction applies to the names of Workflow templates.

The user should not include the “_” and “%” characters (wildcard characters) in Workflow template names when executing a workflow or referencing a subflow as this can lead to ambiguity. The execution will fail and the following message will be displayed in the AVM66 log:

```
"WARN [13 21:00:08,248] - dralasoft.workflow - Task aborted. Task: 245886, Workflow:
245885 java.lang.IllegalArgumentException: Template AA_BB.template is ambiguous, templates
ids are: 245874 , 245873"
```

“_” denotes any single character

“%” denotes a zero or many characters

The following examples depict workflow template names that can lead to ambiguity if they are deployed together:

In this example the WFTLM_MUESTRA.template leads to ambiguity with the WFTLM#MUESTRA.template when they are deployed together.

In this example the WFTLM%MUESTRA.template leads to ambiguity with the WFTLM###MUESTRA.template when they are deployed together.

The ambiguity only occurs if the template containing the wild characters is executed.

Cisco ANA Workflow Editor and Floating User License

Users cannot open multiple Cisco ANA workflow sessions from the same PC when they are using the Floating User License.

OSPF

OSPF networks are presented in the Cisco ANA logical inventory. The current implementation was developed to present non-overlapping interfaces, namely, in a case where a device has multiple interfaces with the same IP (for example, in multiple VRFs configurations) that participate in different OSPF networks, only one interface is displayed.

This situation may occur when multiple OSPF processes are running on the device.

OSPF processes (OSPFService) currently do not have IMO representation in Cisco ANA.

HSRP

For correlation to work, the path through which the HSRP signaling passes must be modeled (exist) in the system.

ATM Topology Discovery

ATM topology discovery is performed in two phases:

1. Discovery matches active VCs/VPs on the ATM ports.
2. Discovery matches the traffic signatures of the VC/VPs that were identified during the first phase.

ATM topology discovery is supported on topologies where the ports at either end of the connection are both configured with VCs or VPs. Discovery is not supported on ATM topologies where VPs are configured at one end and VCs are configured at the other end.

Adaptive Polling

Adaptive polling is only supported for Cisco devices and the Juniper VNE.

BGP Neighbors

- When both IP and VPN capabilities are enabled between BGP neighbors only the VPN capability's state will be displayed in the MpBGP neighbors table.
- In order to support the BGP fault mechanism, each device must have a unique BGP router ID.

Open Caveats - Release Cisco ANA 3.x

Table 10 Open Caveats - Release Cisco ANA 3.x

Identifier	Title	Impact	Workaround	Release #
CSCso37828	Adding support for unsupported utility modules of Cisco devices	When users model devices using the EntityMib, an alarm appears stating that the utility module is unsupported.	Add runRegtool lines to support the module.	3.6 SP3
CSCso96701	Parsing rules which use entity-physical-index fail on a 7609 device	Some traps, which rely on the entity-physical-index come in as generic.	None	3.6 SP3
CSCsq01772	Ports not displaying STP information for Riverstone devices.	The STP is detected in Riverstone devices, but the ports used in the VPN are not.	None	3.6 SP3
CSCsq09658	Serial numbers of both switches are shown similar in Cisco 6500 VSS	For the Cisco 6500 VSS device, Cisco ANA displays the same serial number for different switches in the NetworkVision GUI.	None	3.6 SP3

Table 10 **Open Caveats - Release Cisco ANA 3.x (continued)**

Identifier	Title	Impact	Workaround	Release #
CSCsq10616	Media Type shown incorrectly as Fiber Optic for a RJ45 port	The Media Type is shown incorrectly as Fiber Optic for an RJ45 port for a GigE port in CEF720 48 port 10/100/1000mb Ethernet WS-X6748-GE-TX card.	None	3.6 SP3
CSCsq11892	Status shown as Unknown for PFC3C in Cisco 6500 VSS	The PFC card status appears as Unknown in the NetworkVision GUI.	None	3.6 SP3
CSCsq13577	OC768 PLIM shown as Unsupported module in CRS1-16 running XR3.5.3	The OC768 PLIM Unsupported alarm is seen in the NetworkVision GUI.	None	3.6 SP3
CSCsq14494	XR3.4.3, XR3.6.1 & XR3.6.0: Some access lists entries are missing	Access List entries are missing on Cisco IOS XR devices.	None	3.6 SP3
CSCsq18550	Port entry becomes blank in Physical Inventory after inserting an SFP in ME3750	After inserting an SFP in the port and waiting for the polling cycle to complete, Cisco ANA: <ul style="list-style-type: none"> Does not display GigabitEthernet1/0/2 in the tree. Displays one connector with a blank line. This is refresh problem; after waiting few polling cycle there is no blank connector.	None	3.6 SP3
CSCsq21985	Registry viewer - search function throws error	In the Registry Viewer, when performing a search, sometimes a generic error will be thrown. There is no specific pattern related to this behavior.	Searching in a more specific folder seems to help, or using the old registry editor, which will simply take you to the next instance of the searched term, rather than displaying all found instances of it.	3.6 SP3
CSCsq26837	XR 3.6.1 - IpCore: Port details do not show proper value	Management Port details are not accurate for Cisco IOS XR devices.	Migrate to a higher version of Cisco IOS XR software	3.6 SP3
CSCsq29089	Static rule is shown as Direct in Cisco 6500 VSS	For Cisco 6500 VSS devices, the Static Null0 route is shown as Direct under the Routing Entity in the Cisco ANA GUI.	None	3.6 SP3
CSCsq35142	Description of 7600-MSFC4 is incorrect for 7609S	The description of "7600-MSFC4 C7600 MSFC4 Daughterboard Rev. 1.1" card is incorrect.	None	3.6 SP3

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsq35431	19 ports are modeled in ESM20 card in 7609S instead of 20 ports	Port index :4441 is shown with the description "4/0/19 GigabitEthernet" instead of the description "4/0/9 GigabitEthernet."	None	3.6 SP3
CSCsq35722	Missing ports for "WS-X6708-10GE" on Cat6506	Not all ports are shown for WS-X6708-10GE switching modules on Cisco Catalyst 6506 devices. NetworkVision shows only one port instead of all 8 Gigabit Ethernet ports.	None	3.6 SP3
CSCsq37856	Module name and Hardware type discovered as "Unknown Module" for Cisco Catalyst 6506	For Cisco Catalyst 6506 devices, the Name and Hardware type appear as Unknown in the NetworkVision GUI.	None	3.6 SP3
CSCsq37960	Module name and Hardware type discovered as "Unknown Module"	The Name and Hardware Type shown as Unknown in the NetworkVision GUI	None	3.6 SP3
CSCsq39839	Duplicate entry for GigE 5/2 for Sup card and 5/1 is missing in 7609	There is a duplicate entry for GigE 5/2 for Sup card and 5/1 is missing for a Cisco 7609 device	Migrate to a higher version of Cisco IOS software	3.6 SP3
CSCsq45883	6500 VSS Shelf out and Card out ALARM when redundancy force-switchover	When Cisco 6500 VSS systems are issued the redundancy force-switchover command, the force-switchover occurs and the Active switch is moved to Stand-By state and vice versa. In the Cisco ANA GUI, the Shelf out and Card out ALARMS are generated.	None	3.6 SP3
CSCsq45903	6500 VSS Interface oper. state is down in Active switch	When Cisco 6500 VSS systems are issued the redundancy force-switchover command, the Interface oper. state goes down in the Active switch.	None	3.6 SP3
CSCsq45966	6500 VSS Module status shown as OUT in Active Switch	When Cisco 6500 VSS systems are issued the redundancy force-switchover command, the Module status is shown as OUT in the Active Switch.	None	3.6 SP3

Table 10 **Open Caveats - Release Cisco ANA 3.x (continued)**

Identifier	Title	Impact	Workaround	Release #
CSCsq48121	Devices/links are added twice in the same map	In NetworkVision, Cisco ANA occasionally displays each device and link twice in a performance setup when operating under a heavy load.	Maintain a normal load on the server.	3.6 SP3
CSCsq49361	SSHv2 Server authentication value for NONE is incorrect	When the Server authentication Method is changed from SAVE-FIRST-AUTO to NONE, the server signature is not deleted from the AVM xml file. This situation occurs when VNE is stopped before the change and started afterwards.	Stop the AVM, manually delete the server signature from the avm.xml file, then restart the AVM. Changes to AVM.xml file require assistance from Cisco Support.	3.6 SP3
CSCsq52167	Fan and Power supply are not modeled for 6500 and 7600	Fan and Power Supply are not modeled for Cisco 6500 series or Cisco 7600 series devices.	None	3.6 SP3
CSCsq55690	BGP neighbor down location is corrupted in alarm properties	The BGP neighbor down syslog location is corrupted in alarm properties.	None	3.6 SP3
CSCsq57578	OSPF Neighbor state down did not clear after OSPF came up	OSPF neighbor state down ticket does not clear after the OSPF connection is restored.	None	3.6 SP3
CSCsq57683	Ticket is created for each SFP after card has been removed from CRS-1	When removing a card from a Cisco CRS-1 system containing a shared port adapter (SPA) with 5 SFPs, each of the 15 related SFP 'cefc FRU removed' traps is presented as a ticket in NetworkVision.	None	3.6 SP3
CSCsq57705	Card down event for the cevCpuCrs1SPLC is not correlated to card out	When removing a card from a Cisco CRS-1 system, a Card down ticket is created for the cevCpuCrs1SPLC module and is not correlated to a card-out event.	None	3.6 SP3
CSCsq57823	Device unsupported for CRS1 on SP install, need to clear persistence	A CRS01 Device Unsupported service alarm is created immediately following the installation of Cisco ANA 3.6 Service Pack 3. This situation occurs with Cisco IOS XR Software, Version 3.6.1.12I[SIT_IMAGE].	Clear persistency.	3.6 SP3
CSCsq58123	Ethernet Link stays green in NetworkVision after link down	A broken link between two devices stays "green" if the link is filtered for.	None	3.6 SP3

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsq60667	Under heavy load, duplicated VNEs are created when moving between AVMs	Moving an AVM between units will actually duplicate the AVM, resulting in duplicated VNEs.	None	3.6 SP3
CSCsq75666	NetworkVision filter contains redundant value - 0	If you open a new map in NetworkVision and filter the results by the Vendor field, the Search for field contains the option 0 (zero). Selecting this option provides no additional filtering capability.	Ignore the (0) line.	3.6 SP3
CSCsq80302	CRS-1 Gige port stays green in inventory after link down	On a Cisco CRS-1 device the port icon failed to change the color from green to amber or red after the port was brought down administratively.	None	3.6 SP3
CSCsq81299	LAG on CRS-1 doesn't model port	One of the aggregated ports for the Ethernet link aggregation (LAG) support is not modeled for Cisco CRS-1 systems. In this situation, the LAG aggregated port that is active is not modeled.	None	3.6 SP3
CSCsq81705	Cisco 6509: Wrong information is shown for GRE tunnel	For Cisco 6509 devices, the wrong source is shown for a GRE tunnel.	None	3.6 SP3
CSCsq83812	Cisco 6509: Ports missing under slot WS-X6724-SFP CEF720 24-port 1000mb	When a WS-X6724-SFP card is installed in Cisco 6500 series or Cisco 7600 series device running IOS 12.2(33)SRA06, the 24 ports that are located on top of it do not appear in ANA NetworkVision.	None	3.6 SP3
CSCsq86055	Cisco 7613: Module status showing unknown	For Cisco 7613 devices, Cisco ANA NetworkVision shows the Module status as Unknown for an SPA carrier card.	None	3.6 SP3
CSCsq94047	MaxAge Value is wrong for Riverstone STP	For Riverstone devices using STP, if you select Inventory > STP > VLAN in NetworkVision, the MaxAge value displayed is 2000 instead of 20.	Divide the value in the MaxAge field by 100.	3.6 SP3

Table 10 **Open Caveats - Release Cisco ANA 3.x (continued)**

Identifier	Title	Impact	Workaround	Release #
CSCsr00026	VNE stuck in shutting down state after it was stopped	The VNE becomes unresponsive by itself (that is, through no user action) and becomes stuck in the initialization state. Attempts to restart the VNE by shutting it down fail.	Delete the VNE and add a new VNE for the NE.	3.6 SP3
CSCsr00052	VNE stuck in Initializing state after polling group modification	Changing the VNE polling group properties using Metro Manage in the ANA GUI removes the Telnet and SNMP configuration of the VNE. Without those configurations, the VNE does not start.	Delete the VNE and add a new VNE for the NE.	3.6 SP3
CSCsr07314	OSPF Neighbor State Down and syslog not cleared after card in	When ESM20G card is inserted back into the chassis, OSPF neighbor state down and OSPF neighbor down syslog are not cleared even though they were generated due to the card being pulled out.	None	3.6 SP3
CSCsr08233	Upgrade from 3.6.0 to 3.6.3 -AVM100 allocated memory	When upgrading from Cisco ANA 3.6.0 to 3.6.3, the AVM 100 allocated memory is 60Mb.	Manually change the allocated memory to 170Mb which was the value for Cisco ANA 3.6.2	3.6 SP3
CSCtg44181	Serial number missing for Fan tray and Power Supply in GUI	Cisco ANA NetworkVision physical inventory does not display the serial number for the fan tray or power supply for Cisco 3750 devices. This situation occurs for Cisco 3750 devices running Cisco IOS software version 12.2(52)SE.	None	3.6 SP3
CSCtg44205	Serial number missing for fan and power supply for Cisco ME3750 devices	Cisco ANA NetworkVision physical inventory does not display the serial number for the fan tray or power supply for Cisco ME3750 devices. This situation occurs for Cisco ME3750 devices running Cisco IOS software version 12.2(52)SE.	None	3.6 SP3
CSCsj82011	ANA3.6: Catalyst 4948: Module Serial Number and Software version missing	In ANA 3.6.2 for Catalyst4948 Module Serial Number and Software version missing for one of the modules.	None	3.6 SP2

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsI45444	Problem in displaying serial number for modules in physical inventory	Cisco 3560 with version “12.2(25)SEE2”: the serial number has a “NULL” value. Cisco 7204VXR with version “12.2(31)SB3x”: the serial number parameter does not exist at all.	None	3.6 SP2
CSCsI49642	Link down not issued when one side of the link is a 7600 device	Link Down alarm is not issued when shutting down an interface.	None	3.6 SP2
CSCsI72454	Fast Polling: Device Unreachable when upgrading from SP1 to SP2	When upgrading to Cisco ANA 3.6 SP2, VNEs that were defined as fast polling groups are loaded in a down state and are missing their Telnet sequence and SNMP community in the GUI.	1. Change the polling group of these VNEs to a valid polling group. 2. Restart the system by running mvm.csh. The Telnet sequence will reappear.	3.6 SP2
CSCsI78328	Double click on map layout button in “NetworkVision” crashes the Vision	When Double clicking on the “map layout” icon in NetworkVision, NetworkVision exits with a stack overflow exception.	None	3.6 SP2
CSCsI94381	6500 traps being identified as generic instead of specific as supported	For 6509 devices two traps arrive as generic traps, namely, the traps: <ul style="list-style-type: none"> 1.3.6.1.2.1.15.7.2 - bgp-backward-transition-trap_v2 1.3.6.1.2.1.14.16.2.13 - ospf-max-age-lsa 	None	3.6 SP2
CSCsm04903	SPA card events in GSR12000 are not properly correlated	Sometimes, SPA card alarms on GSR devices are not correlated properly, or are not cleared. This issue will occur in specific SW versions (like 12.0(32)SY4) where the Entity MIB is created but the FRU MIB wasn't.	None	3.6 SP2
CSCsm16556	ANA 3.6 Command Builder Menu Caption shows “No Description”	The Command Builder menu caption displays “No Description” when there is a proper defined menu description.	Go through the steps of Edit Command (even without editing anything) to save the command again, to get this Menu Caption value back to the Command Builder command table, but later it will return to “No Description”.	3.6 SP2

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsm23316	BGP Link Down/Up Alarm description has wrong IP Address	The description in the BGP Link down ticket is confusing. It will appear sometimes as Management IP to Peer IP and sometimes vice versa.	None	3.6 SP2
CSCsm29938	VNE polling status/configuration can't be changed more than once	When trying to change the status or configuration time in a polling instance, the changes are not saved.	When in the Polling Tab, move to "group" instead of "instance", save, and then create a new instance with the new value.	3.6 SP2
CSCsm30001	Can't create static link between cloud and device via the ANA Manage	A static link can't be created between a cloud and a VNE when using the Tree Pane in Cisco ANA Manage. This is due to no physical inventory appearing on the cloud.	A static link between a cloud and a VNE should be created using Cisco ANA NetworkVision via the inventory of the relevant device. The scenario is as follows: <ol style="list-style-type: none"> 1. Open Cisco ANA NetworkVision. 2. Open the inventory of the relevant device. 3. Right-click on one of the ports. 4. Select "Topology" and afterwards "Mark as A Side". 5. Repeat steps 2-4 for the other device and "Mark as Z Side". 	3.6 SP2
CSCsm30720	Cisco sub-Interface with no configuration causes flapping alarm	A flapping alarm appears even though there is no flapping event on the device.	None	3.6 SP2
CSCsm30731	Windows 2000 Client no Help files	Online help does not display properly in Windows 2000.	None, recommend upgrading to Windows XP.	3.6 SP2
CSCsm67035	CRS - BGP neighbor loss syslog does not correlate to BGP Link Down alarm	BGP neighbor loss syslog is not correlated to BGP Link Down alarm and does not appear in the Network Vision, but only in the Event Vision.	If you still want to see the syslogs in NetworkVision, you can change them to be ticketable.	3.6 SP2
CSCsq47807	VPN topology in Network Vision in ANA3.6 SP2 shows duplicate VPN ports	In Cisco ANA 3.6 SP2, NetworkVision shows duplicate VPN ports in the VPN technology.	In NetworkVision, expand the VPN tree view and delete all the entries marked 'x' (duplicates). Save the resulting map (File > Save).	3.6 SP2

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsr23058	Unexpected library link errors when running OS commands as sheer	<p>Error when executing commands with user sheer. For example id command:</p> <pre>sheer@anaserver [-]% id ld.so.1: id: fatal: libelf.so.1: version `SUNW_1.6' not found (required by file /lib/libproc.so.1) ld.so.1: id: fatal: libelf.so.1: open failed: No such file or directory Killed sheer@ anaserver [-]% su -</pre> <p>After installing Solaris 10 Patch Clusters 137111-01, Cisco ANA installations may report errors such as described above when logged in as sheer user.</p> <p>Note Recommended patch versions are 118833-36 or 120011-14.</p> <p>These errors are caused when the Solaris 10 libraries are updated to a version which are greater than those which are used by ANA. In order to correct these errors the libraries used by ANA must be updated from the Solaris 10 libraries in /usr/lib.</p>	<p>Changes to the libraries will solve this problem.</p> <p>Contact the Cisco Project Manager or Cisco Account Team to obtain the CSCsr23058.csh script that corrects this issue.</p>	3.6 SP2
CSCsi63614	Cisco 10008: ATM Traffic Profiles not modeled	Under Logical inventory ATM profiles are not displayed. As a result of this the Traffic descriptors are empty in the VC table.	None	3.6 SP1

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsj91682	GRE Tunnel down do not correlate to Device Unreachable alarm	<p>Performing the following scenario will result in a correlation issue:</p> <p>Shutting down a device that has GRE tunnel.</p> <p>This generates two alarms: one for Device Unreachable, and the other for GRE tunnel down.</p> <p>Since shutting down the device is the root cause for the GRE tunnel down, the expected result is correlating the GRE tunnel down alarm to the Device Unreachable alarm. This correlation doesn't occur.</p>	None	3.6 SP1
CSCsk36749	CRS-1, SDR owner displays both it's own physical and those of SDR	Cannot differentiate between SDR entities and SDR-Owner entities in the entPhysicalTable MIB.	None	3.6 SP1
CSCsk71292	CRS-1 Slot Numbering not correct	Slot numbers for a Cisco CRS-1 device do not correspond to the actual slot numbers.	None	3.6 SP1
CSCsk78234	Backup&Restore crontab operation error	<p>When trying to save the temporary crontab file, getting the following error:</p> <pre>crontab: error on previous line; unexpected character found in line.</pre> <pre>crontab: errors detected in input, no crontab file generated.</pre>	Maximize the window of the PICO, so the pasted line won't cut in the middle of it.	3.6 SP1
CSCsk64073	Cisco 12406 - SPA-5X1GE missing GE ports	For Cisco 12406 routers, SPA-5X1GE (subslot 1/0) is missing 3 GE ports.	None	3.6 SP1
CSCsq93222	CRS-1 physical inventory modeling does not happen after reinsertion	If a module is removed from and then reinserted into a Cisco CRS-1 system, physical inventory modeling does not occur.	None	3.6 SP1
CSCsc54311	Inconsistent exception on adding VNE to non existing AVMs with large IDs	When creating an AVM, if you enter a very large integer value for the AVM number, the error message received is "parsing issues" and not "AVM number is too large".	Do not enter values larger than 999 for the AVM number.	3.6

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsd66486	Enterprise generic trap description has junk characters	EventVision - Junk characters in the description of V1 trap alarm - 'Enterprise junk trap' type.	None	3.6
CSCsd70706	MM-ISAM element type shown as ASAM in ANA Manage	MM-ISAM element type shown as unknown.	In NetworkVision, in the inventory window the element type is displayed correctly.	3.6
CSCsd80155	Exception dialog (GUI) when Oracle is shutdown.	A general error is received when opening EventVision.	Make sure the Oracle listener is up and running in the gateway. The gateway itself won't work without Oracle listener.	3.6
CSCse69481	Concurrent Backup and Primary Port alarm is does not appear	An ISDN backup interface became active on a network element but an alarm of type "backup interface is up" was not received. When the primary interface came back up an alarm of type "concurrent backup port and primary port" was not received.	None	3.6
CSCsf28370	SP properties for port table level created automatically for all VNEs	New Soft Property that was added to a specific entity is displayed for all entities of the same type.	Restart the client application.	3.6
CSCsg79619	Unit installation with multiple interfaces	When installing the product as a unit on a machine with multiple network interfaces, the installation checks the IP of the interface which acts as the default route to the gateway.	A new tool had been added "choose_nic.pl", which lets customers choose which IP interface to use, manually.	3.6
CSCsh37883	Uplink GE ports to be connected to relevant bridges	An uplink connection is missing between the GE port to the relevant bridges. May affect flow.	None	3.6
CSCsh57305	Client waits for server response, if server BQL response fails.	Client is stuck waiting forever for the server to respond.	Restart the client.	3.6
CSCsh57909	Part of soft properties data is stored once for multiple instances	Non-persistent data for soft property and for TCA alarms is seen in the EventVision.	None. Do not define soft properties and TCA alarms with the same name on different levels.	3.6
CSCsh59223	AS5300 and AS5800 - access list is not displayed.	Access lists are not modeled on access server devices.	None	3.6
CSCsh70734	ERX1440: ARP table is not modeled	No ARP table. Affects flow that uses ARP table.	None	3.6

Table 10 **Open Caveats - Release Cisco ANA 3.x (continued)**

Identifier	Title	Impact	Workaround	Release #
CSCsh74067	Changing Date/Time causes transport disconnection	Changing the Date/Time on the Unix machine while the product is running causes transport disconnection.	You cannot change the time while the product is up and running. If you need to maintain the date/time, you need to first shut down the entire ANA product.	3.6
CSCsh77858	RunRegTools doesn't allow create port instance with "!slash!"	Try to create a static like info via RegTool.	Use the Registry Editor for this task.	3.6
CSCsh90578	Physical for DSLAM does not differentiate FEM/PEM HLS/HLM	The device shows both PEM and HL-M cards as PEM, which is how they appear on the VNE, making it impossible to differentiate between these card types. Since this is an internal card (with no ports on it), there's no further impact on the ANA system.	None	3.6
CSCsh90610	CRS-1: For some access-lists, the entries are not displayed	CRS-1: For some access-lists, some access-list entries, which contain new parameters are not displayed. Only the entries that are in the old (IOS-like) format will appear. This is for standard and extended access-lists as well.	None	3.6
CSCsh91003	There is more than one scheme in the installation process	During installation, the list of schemes contains schemes that no longer exist.	Ignore schemes other than "product".	3.6
CSCsh91496	Register and unregister for events without notification.	Via the BQL interface, you perform a "register" command for events. The "unregister" for this does not work until you receive the first notification.	Restart the BQL session.	3.6
CSCsh93058	Lucent-Max-TNT-Shelf status shown as "UNKNOWN"	For Lucent MAX-TNT devices the shelf status appears as 'unknown' on the VNE. 1. It is not possible to see the status of the shelf on the VNE. 2. A 'shelf out' alarm will not appear if the shelf is taken out.	None	3.6

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsh93113	Traps do not expedite the physical command	When removing a card in an ASAM device, alarms, such as card-out service alarm, take a long time to display in NetworkVision. This happens because the physical changes trap does not expedite the physical command.	Shorten the configuration interval for the physical command.	3.6
CSCsh94836	System Backup using mc.csh is not working	System Backup using mc.csh is not working.	Command to be used: ./mc.csh localhost 8011 integrity.executeTest backup	3.6
CSCsh99945	AS5300- Card Shown as Generic module	One of the modules appears as generic	Upgrade the IOS to a version with sufficient support in the OLD-CISCO-CHASSIS-MIB	3.6
CSCsi23224	MultiDsl port support - 2360	Missing Profile Name and line spectrum profiles on ABLT-E ports on ASAM XD devices.	None	3.6
CSCsi29367	“Register” for inventory properties command of the VNE returns error	When you try to do only register via BQL on a VNE inventory element, you receive an error.	Do not use “Register” on elements other than events. Instead, use the “Get” command with the “register” flag.	3.6
CSCsi45107	MS Plus: Missing routing table entries	Some of the entries are not displayed on the routing table. Flow will not work properly.	None	3.6
CSCsi50166	Giga Ethernet links are discovered incorrectly	Ethernet topology links were not discovered correctly. The system is configured to run the following topology tests: CDP, MAC, to connect the Ethernet links. The devices were devices from Cisco 7600 and 6500 series.	There are a few workarounds: <ul style="list-style-type: none"> • Configure in the registry that specific Cisco devices with CDP enabled will be connected according to CDP only. • Connect the correct links as static links which will override the wrong links which were dynamically discovered. 	3.6
CSCsi63472	Cisco 6509-NEB-A: PFC Card shown as unknown	The PFC card in a Cisco 6509 shows as unknown. Cisco 6509-NEB-A VNE is loaded with Product Scheme, version 12.2(18)SXD5.	None	3.6
CSCsi65238	Auto topology discovers wrong Neighbor	Topology discovery may connect VLAN ports configured in Dot1Q_Tunnel mode (QinQ configuration) and configured with L2PT (Layer2 Protocol Tunneling) which are not directly connected.	A static link may be configured which will override the incorrect dynamically discovered link.	3.6

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsi65664	ASAM: ARP Entry is missing in ANA 3.6	One ARP entry is missing for ASAM. May affect flow that uses this entry.	None	3.6
CSCsi66890	Cisco 4506: ARP Table displays IfIndex values under Interface column	On Cisco 4506 VNE there is a mismatch in the ARP table. The Interface column contains IfIndex values which may affect the flow.	None	3.6
CSCsi78507	GRE Tunnel - more than 100 traps/syslogs per second are dropped	<p>On devices configured with many GRE tunnels (78 in this specific case) running through a single physical link, the correlation of the GRE Tunnel down alarms to the physical link down does not work in the default registry configuration.</p> <p>This situation occurs when a lot of traps arrive at the Trap Manager at the same time and some of the traps are dropped. This causes the loss of correlation of the GRE tunnels.</p>	<p>Changes to the registry will solve this problem.</p> <p>Note Contact the Cisco Project Manager or Cisco Account Team for further assistance related to this issue.</p>	3.6
CSCsi83539	Missing data in ATM Traffic Descriptor notification	Notification on changed ATM profiles in CBX ATM switches do not contain the ATM profile parameters.	After getting notification on the profiles that were changed, another BQL query must be done to retrieve the new profile parameters.	3.6
CSCsi83569	TIER_4_OID of Notification on profiles in cbx composed of field values	<p>OID of Notification on profiles in CBX are composed of field values.</p> <p>The OID of these notifications contains the values of the fields which causes the following notifications:</p> <ol style="list-style-type: none"> 1. IRemoveNotification 2. IAddNotification <p>The received BQL result doesn't contain or indicate where the change really is, so it is almost impossible to know what changed, unless the previous device field properties were saved.</p>	There should be a notification on the ATM VC which notes the change of the profile. An additional BQL to get the profile will reveal the new ATM profile parameters.	3.6

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsi84030	VNE is up with unknown element type when devices response is slow	The VNE is loaded for the first time with an “unknown” element type.	After a restart of the VNE, the element type changes to the correct one.	3.6
CSCsj04941	Wrong Root cause in case of 2 consecutive unreachable events	Wrong Root cause is being chosen in case of two consecutive unrelated unreachable events on the same device, which have different reasons.	None	3.6
CSCsd12788	Path tool doesn't open when the path should pass through IMA topology	The Cisco ANA PathTracer does not open when the path goes through IMA	None	3.5.1
CSCsd27001	Asam 1000 new alarms Persistency doesn't work	When an alarm occurs in the ASAM VNE and the VNE goes down (for any reason), if the alarm is fixed during the down time, then when the VNE goes up again the alarm is not cleared.	Clear the alarm manually.	3.5.1
CSCsd61127	Able to add a VNE in UP state to an AVM that is down	A VNE is transferred from an Up state to a down state unintentionally.	Pay attention to the move action before moving a VNE.	3.5.1
CSCsd61370	UT-Starcom modeling - missing interface under routing entity.	In the logical inventory of a UT-Starcom device, one or more of the IP interfaces may not be shown.	None	3.5.2
CSCse08188	Stinger: VC admin status is missing.	When viewing the VC properties of the Lucent stinger, the admin status is not shown.	None	3.5.2
CSCse66308	Cannot load VNE against Cisco 10K with 15,000 Ip int.	When loading a Cisco router 10K device with a lot of sessions (~15000) the AVM may crash due to out of memory.	Decrease the polling interval for the encapsulations command and increase the amount of memory available for the AVM	3.5.1
CSCsg46860	For Cisco 7206VXR, ATM Traffic Profiles entries missing in ANA 3.5.1 NW.	ATM profiles are not shown in the logical inventory of Cisco 7206VXR.	None	3.5.2
CSCsg48454	VC Removed is not scale	Not supported in this version.	None	3.5.1
CSCsg48456	Events are dropped when doing high scale alarm manipulation	Events are dropped when doing high scale alarm manipulations.	Avoid performing alarm manipulation actions in high scale. Check Cisco ANA EventVision for reports of the dropped events.	3.5.1

Table 10 Open Caveats - Release Cisco ANA 3.x (continued)

Identifier	Title	Impact	Workaround	Release #
CSCsg84343	Interface description is not displayed in the routing table.	In the logical inventory of Cisco 12012, the interface description is not available in the routing table.	None	3.5.2
CSCsg87329	Stinger - Port type, Last change and MAX speed are not displayed.	Some of the port properties, like type, last changed and max speed are not displayed in Cisco ANA NetworkVision.	None	3.5.2
CSCsh46315	ECI: Values under MCR is not displayed.	The MCR column in the ATM traffic profile is empty.	None	3.5.2
CSCsh47093	ECI: Card serial number not modeled	Card serial number not modeled (iso.3.6.1.4.1.1286.1.3.3.1.1.7) Device serial number is also not modeled	None	3.5.2
CSCsh64220	Cisco 4507- Hardware version is missing in the GUI.	In the physical inventory of the Cisco 4507 device, when choosing a card, the hardware version is missing.	None	3.5.2
CSCsh71005	NTP doesn't work.	NTP is a process that should sync the date and time between the machines in the setup (gateway and units). This bug indicates a problem in this sync mechanism, which can cause sync problems in the system. For example, a problem with the events time stamp can cause event correlation to fail and to DB mess.	After installation, the system time should be set manually in all of the units. The difference between the clocks on all of the units should not be more than 4 minutes. Once this is done NTP will sync the machines precisely.	3.5.2

Resolved Caveats - Cisco ANA, Release 3.6 Service Pack 3

Table 11 Resolved Caveats - Cisco ANA, Release 3.6 Service Pack 3

Identifier	Summary
CSCsi27384	Cat 3750ME module as simple L2switch
CSCsk36398	CRS-1 VNE - Missing modules software version
CSCsl14813	ANA doesn't login to the Juniper device using SSH
CSCsl19310	OSPF-MIB creates loops in GET-NEXT
CSCsl20680	Juniper M10i both routing engines appear as routing engine 0
CSCsl47680	NODE-STATE-CHANGE syslog is not supported

Table 11 **Resolved Caveats - Cisco ANA, Release 3.6 Service Pack 3 (continued)**

Identifier	Summary
CSCsI70131	ANA generates false alarms if rejections are made at the ACS/Tacacs+
CSCsI74628	Cisco 6516 and 6516-A devices are being modelled incorrectly
CSCsm14931	Juniper VNE: FPC and PIC Order
CSCsm14993	Juniper VNE: Descriptions for PEM and PCG Modules are incomplete
CSCsm16885	Jun VNE: Scrambling, loopback and clocking info not displayed in GUI
CSCsm15074	Jun VNE: Interface Data descriptions are missing from ANA
CSCsm68937	FlappingEvent on Traps is not working

Related Documentation

User Guides

- [Cisco Active Network Abstraction Documentation Guide, 3.6 Service Pack 3](#)
- [Cisco Active Network Abstraction NetworkVision User Guide, 3.6 Service Pack 3](#)
- [Cisco Active Network Abstraction EventVision User Guide, 3.6 Service Pack 3](#)
- [Cisco Active Network Abstraction MPLS User Guide, 3.6 Service Pack 3](#)
- [Cisco Active Network Abstraction Fault Management User Guide, 3.6 Service Pack 3](#)
- [Cisco Active Network Abstraction Technology Support and Information Model Reference Manual, 3.6 Service Pack 3](#)
- [Cisco Active Network Abstraction VNE Reference Guide 3.6 Service Pack 3](#)

Administrator Guides

- [Cisco Active Network Abstraction Installation Guide, 3.6 Service Pack 3](#)
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- [Cisco Active Network Abstraction Customization User Guide, 3.6 Service Pack 3](#)

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