



Cisco Prime Network 4.1 Release Notes

Revised: October 5, 2016

This release notes document provides an overview of the new features and enhancements in Cisco Prime Network 4.1 and highlights important issues you need to know before using this release. It lists open, resolved, and closed bugs and how to access information on Prime Network 4.1 bugs in Bug Search.



Note

You can access the most current Prime Network 4.1 documentation, including these release notes, online at <http://www.cisco.com/c/en/us/support/cloud-systems-management/prime-network/tsd-products-support-series-home.html>.

Contents

This document contains the following sections:

- [Introduction, page 2](#)
- [New Features and Enhancements, page 2](#)
- [Important Notes, page 10](#)
- [Prime Network 4.1 Bugs, page 11](#)
- [Related Documentation, page 27](#)
- [Accessibility Features in Prime Network 4.1, page 27](#)



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

Introduction

Cisco Prime Network 4.1 provides service providers and other network operators with a comprehensive assurance and device management solution for IP next-generation networks (NGNs). It is offered as a standalone application and as a fully integrated component of the Cisco Prime Carrier Management suite for customers needing end-to-end network management lifecycle capabilities.


Note

IP NGN has been renamed as Evolved Programmable Networks (EPN). Please keep this in mind when viewing the suite and application documentation for the next Cisco Prime Carrier Management release.

The primary enhancements provided by Prime Network 4.1 are as follows:

Cisco Prime Network 4.1 provides service providers and other network operators with a comprehensive assurance and device management solution for evolved programmable networks (EPNs), mobility, data center and cloud. It is offered as a standalone application and as a fully integrated component of the Cisco Prime Carrier Management suite for customers needing end-to-end network management lifecycle capabilities. It provides standards-based interfaces to integrate with OSS applications.

The primary enhancements provided by Prime Network 4.1 are as follows:

- Enhanced OSS integration through standards-based northbound interfaces (NBIs):
 - Alarm management support over 3GPP NBI
 - SGSN and MME Inventory support over 3GPP NBI
 - GPON support over MTOSI NBI.
- Expansion of device operation and administration and network assurance support for for new technologies:
 - Support for CPT 9.7 ring topology
 - Change and Configuration Management enhancements to support CPT and GPON devices
- Evolution of the Prime Network core functionality, including:
 - Enhanced Operations Reports to include traps and syslogs as generic events
 - Alarm synchronization for ASR5500 and ASR 5550
 - Easy GUI installation with InstallAnywhere for Prime Network and for its integration layer (separate installations)

Prime Network supports third-party devices through Cisco Advanced Services engagement. As of release 4.1, Prime Network native support is deprecated. As of release 4.2, Prime Network will not natively support third-party devices, and a Cisco Advanced Services contract will be required for their enablement and support.

New Features and Enhancements

The following topics describe the new features and enhancements introduced in Prime Network 4.1:

- [Client Login Enhancements, page 3](#)
- [Command Manager, page 3](#)
- [Transaction Manager, page 3](#)
- [Compliance Audit, page 4](#)

- [Operations Reports](#), page 4
- [New Technology Support in Prime Network 4.1](#), page 5
- [Additional Device Configuration Scripts](#), page 6
- [Installation and Upgrade](#), page 6
- [High Availability](#), page 6
- [Administration](#), page 7
- [Change and Configuration Management](#), page 7
- [Fault Management](#), page 8
- [VNE Customization Builder \(VCB\)](#), page 8
- [Prime Network Integration Layer](#), page 9
- [New Device Support Information](#), page 9
- [Documentation Improvements](#), page 9

Client Login Enhancements

New Webstart launch page that provides access to all Prime Network 4.1 components. This page can be accessed using the following URL:

<http://gateway-host-ip:6080/ana/services/install/install/webstart.html>

Command Manager

The following new Command Manager features and enhancements are described in the *Cisco Prime Network 4.1 Customization Guide*:

- Support for creating and executing commands for non-Cisco devices.
- Import of commands from the gateway server, export of commands to the gateway server.
- Easy access by means of a hyperlink from the command repository to the command execution result and to the number of jobs associated with the command.
- TL1 protocol support for commands.
- Notification to user of command execution state, for example, added to queue, aborted due to timeout, execution started, execution completed.

Transaction Manager

The following new Transaction Manager features and enhancements are described in the *Cisco Prime Network 4.1 Customization Guide*:

- Transaction repository that lists all transactions that exist on the gateway. Transactions can be viewed and run from the repository.
- Per-device input parameters.
- Import/export of input parameters from/to a file.
- Import transactions from the local file system to the gateway.

- System events are now generated for transaction import failure and transaction execution.

Compliance Audit

The following new Compliance Audit features and enhancements are described in the [Cisco Prime Network 4.1 User Guide](#):

- System-defined compliance policy groups are provided with Prime Network 4.1.
- Ability to include “show” commands in compliance policy definitions so that the compliance audit is performed against the output of the “show” command.
- Ability to choose a command from the Command Manager repository as a fix for a compliance violation.
- Additional useful information can be accessed from the Compliance Audit Violation Details page:
 - Running configuration on the device
 - Audited devices and their compliance status
 - Details of compliance fix jobs
- Events are now generated for compliance audit operations:
 - Audit event is generated when a device is audited or fixed.
 - System event is generated when the compliance engine is down.
 - Provisioning event is generated when a fix or a command builder script is executed on a device.

Operations Reports

Operations Reports is an optional add-on component to Prime Network 4.1 that provides extended reporting functionality. It provides a wide range of prepackaged reports that you can run for your various business needs. It also allows you to create your own reports or customize reports according to your own requirements.

The following new features and enhancements are described in the [Cisco Prime Network 4.1 Operations Reports User Guide](#):

- New prepackaged report type—Network Service Reports. These reports can be generated to display information about virtual connections, VPLS, and network pseudowires in your network.
- New prepackaged report, Daily Standard Event Count, for displaying information on standard events (minimal parsing, not processed for correlation). In addition, customized reports can be created using the new Standard Reports data source to define the information that will be included in the report.
- New threshold-crossing syslogs reports that shows the count of syslogs over and above a defined maximum threshold. Until this threshold is reached, the events are not reported, and are counted as ignored events.
- Hardware inventory data source extended to include sub-module port details.

New Technology Support in Prime Network 4.1

Prime Network 4.1 adds device-level inventory modeling and event generation for the technologies listed below. For information on which technologies are supported on which Cisco devices, see [Cisco Prime Network 4.1 Supported Cisco VNEs](#).

Carrier Ethernet

- Support for Remote Loop Free Alternate (LFA) which enables a quick reroute and recovery in case of network failure. Includes modelling and new service event support.
- Ability to locate and view the L2 and L3 Ethernet Virtual Connections related to an Ethernet or LAG port.
- Modeling of pseudowire headend (PW-HE) virtual interfaces that allow termination of access or aggregation pseudowires into an L2 or L3 domain.
- Support for Carrier Packet Transport (CPT) 9.7, including:
 - Modeling and topology view of CPT 50 single homed linear and closed rings and dual homed closed rings.
 - CERENT alarms

MPLS-TP

- Linear protection where a protected LSP takes over transmission of data when a working LSP fails. Prime Network 4.1 provides commands that enable you to switch normal traffic from a working LSP to a protected LSP and vice versa.

Mobility

- Support for Gigabit Passive Optical Network (GPON) physical, logical, and service modeling, including profiles, Class of Services (COS), Link Aggregation Groups (LAG), firmware configuration, services and bridges, DHCP relay agent, OLT and ONU physical inventory, and routing entities.
- Small cell technology support with modeling of Home eNodeB gateway and Home Node B gateway.
- Generic syslog support for ASR 5000 and ASR 5500 devices.
- IuPS enhancement in SGSN technology and IuPS service support for ASR 5000 and ASR 5500 devices.
- Support for SGSN in Infobright database with IuPS and RNC support for ASR 5000 and ASR5500 devices.
- Fault resync support for ASR 5000 and ASR 5500 devices.

Data Center 1.0 Enhancements

- Nexus VDC to port mapping—ability to view the VDC context and port allocation details for a Nexus 7000 device
- VDC impact in event description.
- Mapping of Virtual Ethernet Module (VEM) to server/hypervisor and of VEM to physical server, including topology visualization.

Quality of Service (QoS)

- Full modeling of QoS class of service, service policies, policy groups, and policy mapping to network services on ASR 9000, ASR 901/903, CPT, and ME3600X devices.

ASA Failover

- Inventory and map view of ASA failover configuration.

Additional Device Configuration Scripts

The following additional configuration scripts are packaged with Prime Network 4.1:

- Configuration scripts to support various technologies on ME 4600 OLT devices, including:
 - Profiles—Ethernet, Upstream, ONT, VOIP
 - Class of service—Ethernet, LAG, GPON
 - IP route and interfaces
 - Services—DHCP, OLT, ONU
 - ONU physical inventory—Ethernet port, analog RF port, VOIP, system interfaces
 - SNMP management
- Linear protection commands for ASR 903 devices:
 - Global linear protection configuration
 - Linear protection at MPLS-TP tunnel
 - Manual switch at MPLS-TP tunnel
- Remote LFA commands, including ISIS and OSPF routing protocol configuration commands. Supported on ASR 9000, ASR 901/903, ME 3600X, ME 3800X, Cisco 7600 devices.

Installation and Upgrade

The following new installation and upgrade features and enhancements are described in the [Cisco Prime Network 4.1 Installation Guide](#):

- Enhanced GUI installation wizard that simplifies the installation experience and improves the speed of installation
- GUI installation wizard for Prime Network Integration Layer installation.
- Enhanced client download page with recommended installation for 32-bit and 64-bit operating systems
- Support for Red Hat 6.4
- Embedded Oracle database upgraded to 11.2.0.3
- Support for upgrade of Operations Reports
- Ability to integrate Cisco Multicast Manager (CMM) with Prime Network 4.1. This integration creates menu options in the Vision and Administration GUI clients that enable cross-launching CMM.

High Availability

Prime Network 4.1 adds high availability functionality for the Operations Reports component and the Infobright database. Both local and geographical redundancy are supported.

For more details, see the [Cisco Prime Network 4.1 Gateway High Availability Guide](#).

Administration

The following new features and enhancements are described in the [Cisco Prime Network 4.1 Administrator Guide](#).

- Ability to disable ticket management operations in the Vision and Events clients. When these operations are disabled, users can only manage the ticket lifecycle through BQL or the external OSS.
- Ability to change the minimum user role required to use the Administration client. The change can be made using the CLI `runRegTool.sh` command and requires a gateway restart.
- Ability to control whether standard events are displayed in a map's Latest Events tab (in the Vision client). Standard events are syslogs and traps that are not recognized by the Prime Network Event Collector and only basic parsing is performed on them. The setting is in **Global Settings>Event Management Settings>Standard Events** (Display Standard Events in Latest Events Tab in Vision check box). If this setting is changed, active Vision clients must be restarted for the changes to take effect.
- VNE restart is no longer required if its credentials are changed in the VNE properties dialog box. Prime Network will detect these changes and reconnect with the device to validate the new credentials.
- Enhanced gateway memory calculations and display available in the gateway properties dialog.
- The default allocated memory for user-created AVMs is now 1500MB instead of 256MB. In addition to the 1500 MB allocated memory, Prime Network configures user-created AVMs with an additional 400 MB for backend operating system tasks, for a total assigned memory of 1900 MB.
- Users can customize an AVM's allocated memory by adjusting it in the AVM's property dialog box. If the allocated memory is changed, the AVM must be stopped and restarted for the changes to take effect.
- Units—The titles for the following fields have changed:
 - Total Potential Memory of Running AVMs (formerly "Total Memory Assigned Up AVMs")—If all running AVMs used all of their assigned memory, this is the amount of physical memory that would be required. This includes both user-created and reserved AVMs.
 - Total Potential Memory of All AVMs (formerly "Total Memory Assigned All AVMs")—If all AVMs used all of their assigned memory, this is the amount of physical memory that would be required. This includes both user-created and reserved AVMs.
- New AVM 45 for gateway high availability for the Operations Reports Infobright database. This AVM synchronizes information between the local and remote Infobright databases.

Change and Configuration Management

The following new CCM features and enhancements are described in the [Cisco Prime Network 4.1 User Guide](#).

- Support for restore operation in Overwrite Mode.
- CPT device support:
 - Operations supported on CPT 600 devices are now also supported on CPT 200 devices.
 - Support for CPT device in both IOS and CTC modes, for backup, restore, distribute, activate, and memory backup/restore operations.
 - Support for configuration management operations on CPT 50 devices.

- ME 4600 OLT device support:
 - Support for backup, restore, configuration change log, configuration export, and configuration archive system jobs.
 - Both OLT and ONU images can be distributed to the OLT file systems.
 - Images can be activated in both OLT and ONU.
- Support for IOS XR package management using TAR file for performing distribute, add, and activate operations together.
- Configurable time interval and start time for periodic backup and periodic sync out of sync jobs, with default start time of 12.00 a.m.
- Configurable upper limit of maximum number of versions to retain.
- Booting of ASR 903 devices in sub-package mode.

Fault Management

The following new fault management features and enhancements are described in the [Cisco Prime Network 4.1 User Guide](#).

- Ability to view all events received by Prime Network, including standard events (minimal parsing, not processed for correlation) and upgraded events (parsed, processed for correlation). These events are listed in the Vision and Events GUI clients.
- In the case of temporary disconnection of an ASR 5000 device, Prime Network retrieves any traps that were missed when the device was disconnected. A ticket is created and all the retrieved traps are associated to this ticket.
- Enhanced ticket filtering capabilities, including saving named filters and sharing saved filters with other users.
- Ability to disable ticket management operations in the Vision and Events clients. When these operations are disabled, users can only manage the ticket lifecycle through BQL or the external OSS. This can be done using the Administration GUI client.

VNE Customization Builder (VCB)

The following new VCB features and enhancements are described in the [Cisco Prime Network 4.1 Customization Guide](#).

- Automatic translation of the sysOID to a unique device name plus identifier (if a compiled MIB version is available). This value will be displayed in the SysOID Translation column in the VNE drivers page, making it easier to identify the device.
- Ability to add multiple traps simultaneously, in bulk, irrespective of the trap type. This is useful if you need to add support for a large number of traps of different types.
- Ability to display MIB names instead of numbers in the trap details, for easier identification.
- Ability to enhance the event details and make them more useful by outlining the actions that should be performed after receiving the event. The recommended actions will appear in the Troubleshooting section of the event or ticket properties (Details tab).
- In previous versions of Prime Network, the event description was a static string and could not be changed. From Prime Network 4.1, you can define more descriptive event descriptions by including runtime parameters with dynamic values, such as interface names, threshold levels, and so on. These

parameter values will be included in the event description displayed in Prime Network Vision or Events, making it easier to identify, at a glance, what the event is about without having to drill down to the event details.

Prime Network Integration Layer

Prime Network 4.1 introduces the following new integration layer features and enhancements:

- New GUI installation wizard for quicker and easier installation of the PN-IL. For details, see the [Cisco Prime Network 4.1 Installation Guide](#).
- 3GPP alarm operations, including acknowledge, unacknowledge, set comment, clear, and get alarm list.
- Real-time, on-demand status of any 3GPP asynchronous inventory operation (3GPP Get Status and Get Active operations).
- GPON support—MTOSI operations have been enhanced to retrieve information about optical units in a Gigabit capable passive optical network. This includes:
 - New operation to retrieve ONU's connected to an OLT port.
 - Enhanced PTP retrieval operation to support ONU ports.
 - Supported notifications for ONU and its ports.
- Additional logical inventory support for SGSN and MME in mobility networks.
- REST component that allows communication with any server exposing a REST API as a service in a standalone mode or in a Service Mix environment.
- Enhanced high availability and maintainability support, including:
 - Geo DR for PN-IL in suite mode.
 - Support for Red Hat 6.4.
 - Virtualized local HA utilizing RHCS and ESXi.

For details on the various operations supported in this release, please refer to the [Cisco Prime OSS Integration Guide for MTOSI and 3GPP](#) and the [Cisco Prime Network BQL Integration Guide](#)

New Device Support Information

Prime Network 4.1 introduces new device support and also incorporates all the device support additions that were provided in the May, July, August, and October 2013 Device Packages. For more information, see [Cisco Prime Network 4.1 Supported Cisco VNEs](#). Additional device support will be available in the next DP. This will be available for download on the [Prime Network download site](#) on Cisco.com and will be documented in [Cisco Prime Network 4.1 Supported Cisco VNEs—Addendum](#).

Documentation Improvements

- User Guide—Information has been streamlined into setup, device management, fault management, and network management sections. The document includes a new chapter that explains and contains illustrations showing how Prime Network responds to incoming events.
- Supported VNEs Addendum—Contains device support information for all CCM functions and command scripts.

Important Notes

This section provides important information of which you should be aware before using Prime Network 4.1.

Installation and Upgrade

Operations Reports does not support IPv6. The gateway, database server (Oracle and Infobright), and the units should be installed with IPv4.

Workflow and Activation Replaced With Transaction Manager

Activation and workflow features have been replaced with Transaction Manager. These features are no longer available in Prime Network.

Configuration Audit Features Available upon Upgrade Only

The configuration audit feature in Change and Configuration Management is being replaced with Compliance Audit. In Prime Network 4.1, the legacy configuration audit feature is available only when upgrading to Prime Network 4.1 from the Prime Network 3.10 and 3.11 versions that included this functionality.

Cable Technology - uBR10K Devices

For uBR10K devices, cable modeling for Upstream and Downstream channels and complete modeling for the MC20X20V and MC3GX60V line cards will be only supported from versions 12.2(33)SCG5 and higher.

Browser Limitations for Prime Network Web Components

- Firefox—Users might not be able to connect to the Prime Network 4.1 Web server to use features such as VCB, Network Discovery, and CCM using Firefox if the gateway IP address is a raw IPv6 address. This is due to a Firefox defect. To avoid this issue, log into Prime Network 4.1 using a hostname instead of an IP address.
- Internet Explorer 8—The Network Discovery Profile page might take longer than usual to load due to this browser's slower JavaScript engine.

Potential Image Management Issues on ASR 9000 Devices Running IOS XR 4.3.0

Under some circumstances the device driver (VNE) representing an ASR 9000 device running IOS-XR 4.3.0 can enter and remain in a state that affects Prime Network 4.1's ability to display installed IOS-XR packages and distribute IOS-XR images to the device. While Prime Network 4.1 can continue to monitor the device and update the physical and logical inventory, the condition affecting the image management functionality will persist. This issue has been observed on occasion with densely populated ASR 9000 devices running IOS-XR 4.3.0, and Cisco is working on resolving it. If you encounter this issue, try restarting the VNE.

Changing Command Builder when in Suite Mode

Command Builder access privileges can be controlled from the Prime Network 4.1 Administration GUI client, even when using Prime Network 4.1 in suite mode.

Automatic Restart After Gateway Reboot

Prime Network 4.1 will restart automatically whenever the gateway server is restarted. This behavior can be disabled (so that Prime Network 4.1 has to be manually started after a gateway restart). See the [Cisco Prime Network 4.1 Administrator Guide](#) for more information.

Auto-Discovery of Unsupported Modules

Auto-discovery of unsupported module types is done on a best effort basis and is based on standard information which is reported by the device as part of the ENTITY-MIB. Operators are advised to validate that the discovery was fully successful. If not, add support for the specific module type using the VCB.

SNMP Configuration

When VNE is configured to use SNMPv2 or SNMPv3 for discovery, ensure that the device must be enabled with SNMPv1 also.

StarOS 14.0 - Disabled MIBs

Starting from StarOS 14.0, the following MIBs are disabled by default in the device.

- ENTITY-MIB
- IF-MIB
- ENTITY-STATE-MIB
- CISCO-ENTITY-FRU-CONTROL-MIB

The physical inventory will not be modeled if these MIBs are disabled. Enable the MIBs using the following:

```
configure
snmp mib ENTITY-MIB
snmp mib IF-MIB
snmp mib ENTITY-STATE-MIB
snmp mib CISCO-ENTITY-FRU-CONTROL-MIB
```

To verify if the above MIBs are enabled, use:

```
show snmp server
```

Prime Network 4.1 Bugs

This section contains the following information:

- [Open Bugs, page 11](#)
- [Resolved Bugs, page 20](#)
- [Closed Bugs, page 24](#)
- [Bugs Resolved in Earlier Releases but Still Open in Prime Network 4.1, page 26](#)
- [Using the Bug Search Tool, page 26](#)

Open Bugs

The following sections identify bugs that are open in Prime Network 4.1, according to the following criteria:

- All catastrophic and severe bugs (if any).
- Customer-found bugs.
- Moderate, minor, and enhancement bugs that are considered likely to affect the customer's experience with Prime Network 4.1.

- Bugs that were fixed in previous releases of Prime Network 4.1 but are still open in the current release because they were identified too late in the Prime Network 4.1 development cycle.

The open bugs have been grouped in the following categories:

- [Installation/Upgrade Bugs, page 12](#)
- [High Availability Bugs, page 13](#)
- [Bugs Related to Hardware or Software Version Issues, page 13](#)
- [Technology-Related Bugs, page 15](#)
- [VCB Bugs, page 16](#)
- [Change and Configuration Management \(CCM\) Bugs, page 17](#)
- [Command Manager Bugs, page 17](#)
- [Compliance Audit Bugs, page 17](#)
- [Fault Management Bugs, page 18](#)
- [Report Manager Bugs, page 18](#)
- [Operations Reports Bugs, page 19](#)
- [VNE/AVM Bugs, page 19](#)
- [Suite-Related Bugs, page 20](#)
- [GUI-Related Bugs, page 20](#)
- [Job Scheduler Bugs, page 20](#)

Installation/Upgrade Bugs

Table 1 Installation/Upgrade Bugs

Bug ID	Description
CSCUp07426	Installation of Operations Reports fails with the following in the installation log: initdb.bin: encoding mismatch
CSCUo63266	Operations Reports installer does not integrate SSO in suite mode.
CSCUn15534	Unable to log into Operations Reports a few days after upgrade to Prime Network 4.1.
CSCUe00169	A report created prior to upgrade to Prime Network 3.10 or Prime Network 3.11 does not work post upgrade.
CSCUg22532	When trying to install a Geographical Redundancy only scenario the following error is received: "SSHProcessError The ssh process was terminated. at setup_replication.pl line 859 *** ERROR: Failed to setup the replication. ABORTING. ***"
CSCUg79313	Cannot decouple Prime Network from Prime Central.
CSCUj84287	The event "Prime Network SSH daemon on \$machineIP is out of service" is triggered even when SSH daemon is up and running.
CSCUn39786	Network-conf fails if SMTP server address is provided using FQDN instead of the IP address.
CSCUj37426	Downtime during upgrade is long because it takes a long time to back up Prime Network files.

Table 1 *Installation/Upgrade Bugs (continued)*

Bug ID	Description				
CSCu197261	status.pl returns the wrong output after upgrade. The ENV variable ANA_VER is missing.				
CSCuh37129	Upgrade fails if sqlplus passwd contains '&'. </td></tr> <tr> <td>CSCud87995</td> <td>In VCB, user-defined VNE is switched to system default after upgrade.</td> </tr> <tr> <td>CSCun89143</td> <td>Unable to launch CCM after upgrading from 4.0.0.1.2 PP to 4.1.</td> </tr>	CSCud87995	In VCB, user-defined VNE is switched to system default after upgrade.	CSCun89143	Unable to launch CCM after upgrading from 4.0.0.1.2 PP to 4.1.
CSCud87995	In VCB, user-defined VNE is switched to system default after upgrade.				
CSCun89143	Unable to launch CCM after upgrading from 4.0.0.1.2 PP to 4.1.				

High Availability Bugs

Table 2 *High Availability Bugs*

Bug ID	Description
CSCun55787	Error received when trying to reinstall the failed node.

Bugs Related to Hardware or Software Version Issues

These are hardware or software version specific issues that are causing bugs in Prime Network 4.1.

Table 3 *Bugs Related to Hardware or Software Version Issues*

Bug ID	Description
CSCtw65605	VEM module status shown as Unknown for Nexus1000V.
CSCty79971	ASR 5000 and ASR5500: When Virtual APN is deleted, it is still shown under main APN where it was referenced earlier.
CSCtq36525	Wrong PID shown for transceiver/SFP modules for Nexus 7000 device.
CSCul09521	The newly introduced enterprise BO trap, is spuriously seen for every BO port for a given module.
CSCuf31192	CDP does not display channelized remote Serial ports for 7206VXR in Cisco Prime Network.
CSCuf84775	E1/T1 Controllers of ASR 901 device does not list the T1 Controllers in Physical Inventory.
CSCul09486	Physical inventory modeling for NCS 6008 does not show Mgmt Ethernet port under the RP slots.
CSCuh46755	ASR 903 Physical Inventory does not list T1 controllers.
CSCug66674	Syslogs do not appear in Cisco Prime Network from a device with an IPv6 management address.
CSCud97454	ASR 903 Satellite configured Ports do not display Admin/Oper Status and Ethernet Interface attributes.
CSCue94043	Logical interfaces like Null0, Loopback0 are modeling as physical interfaces and are shown in the physical inventory for CGR2010 devices.
CSCue93975	For CGS-2520-24TC Chassis, Cisco Prime Network displays wrong entity Physical Name.

Table 3 Bugs Related to Hardware or Software Version Issues (continued)

Bug ID	Description
CSCua70104	'mplsL3VpnDown Trap' is not cleared when SIP is powered up.
CSCuh38759	Fan is not modeled in Physical Inventory for CISCO ISR 3945 devices.
CSCug17875	LLDP neighbor table is not modeled for Whales device.
CSCuj99023	NCS 6008: The Modular OS does not show all of the data in the logical inventory as part of the technology modeling. This also includes the installed package information.
CSCuj90495	"Device configuration validation failed" ticketed event shown for NCS 6008 device.
CSCuf35153	Connector type for pluggable ports is displayed as UNKNOWN in Vision for Nexus 7k Device.
CSCuh09244	When an interface is removed the syslog is not correlated with the ticket ID and syslog generation is not done properly for a Nexus 5550 device.
CSCue83984	Module and Port status change is not reflected for UCS.
CSCug23500	Inconsistency in data between UCS Manager CLI/GUI and Nexus OS CLI.UCS Bridges on VSN in parser.
CSCug50926	Port status is showing up after server/adaptor module is out in UCS.
CSCul68722	ISR 3925 local ports hyperlink is missing from the CDP neighbor table.
CSCuj44533	T3/E3 Controller Ports are not modeling for specific SPA cards (SPA-2XT3/E3 and SPA - 4XT3/E3).
CSCug34167	T1/E1 controller ports are not appearing in the physical inventory for ME3600x-24CX-M device.
CSCue81246	The CPU of CRS device spikes when added to Cisco Prime Network.
CSCuh05938	A redundancy switchover in CRS creates a card out alarm in Cisco Prime Network.
CSCuh09623	When the power supply is pulled out of the CRS device, the relevant ticket takes a long time to appear in Cisco Prime Network.
CSCun23684	Logs indicate a parsing error due to an array handling exception. Failed to parse rttMonNotification.
CSCul08036	Flags information is missing from the logical inventory for PIM Topology.
CSCum68025	Physical inventory is empty although the ASR 5000 is in Operational state.
CSCun19238	The trap parsing rules for ASR 55xx are missing reference of cisco-asr5k-auto-v2trap-1382428025329, which implements parsing rules for starCardStandby trap.
CSCun28721	Missing route entries in the AAA Diameter Route table of ASR5500 device.
CSCun34043	ASR 9000 with IOS XR 4.3.1—status of the fans permanently displays as “Unknown”.
CSCun31742	In Network Vision, the physical vendor type cevSFP1000BaseCx shows as “unknown connector type”.
CSCun48461	Supported MAC_TABLE_RESYNC_COMPLETE syslog for ASR 9000 device is not parsed.
CSCun48092	CPT VNE does not model.
CSCun15392	VPC keep alive syslog - status of remote peer is not updated automatically.

Table 3 *Bugs Related to Hardware or Software Version Issues (continued)*

Bug ID	Description
CSCun46551	Nexus 7000 VNE fails to parse VPC PEER_KEEP_ALIVE_RECV syslog messages when domain number is more than one digit.
CSCug73614	ASR 901 CPU spikes.

Technology-Related Bugs

Table 4 *Technology-Related Bugs*

Bug ID	Description
CSCun13956	Missing entries in Label Switching table and VRF Label table for ASR 9000 IOS XR 4.3.2.
CSCum95128	Missing pseudowire links and incorrect pseudowire overlay.
CSCun04198	Preferred path is not shown in the logical inventory for VSI-based pseudowires on ASR 9000 devices.
CSCun19151	Satellite IC port status participating in ICLs will not have status populated on initial modeling of VNE. Satellite ICL Link will not be seen initially in the map.
CSCug20371	When shutting down a multilink interface, the MLPPP link disappears instead of becoming red.
CSCum85797	Menu option "Get Virtual Connections" is disabled on E1 ports
CSCtu27429	MPLS topology test is based on ip instead of LDP neighbors.
CSCuf60889	High rate of Oracle DBF file creation during VPLS service discovery.
CSCum27966	Wrong network events correlation if management VRF name mismatches on different contexts (default and non-default) on Nexus nodes.
CSCum78727	Nexus 7000 VRF arp of port-channel does not appear in the inventory.
CSCuh56824	Deleting/stopping a large scale VCenter VNE takes a long time.
CSCuh43963	On a Cisco CRS S/W 4.3.0 modeled with "Reduced Polling", deleting IPv4 from an interface is not reflected in the inventory until the "POLL NOW" button is clicked on the card level.
CSCuh52296	Unable to correlate all MPLS TE FRR state changes to root cause.
CSCuh95425	Network event does not show up for CPT RP switchover syslog.
CSCuh37319	Config syslog changes take a long time to update in the GUI for MPBGP in Nexus 7000 and Nexus 5000 devices.
CSCuh46377	Cross launch from Generic server port to PPM fails. This happens because Prime Network uses ifName from IF-MIB and normalizes the port name for better UI presentation.
CSCun00130	When reloading an ASR9K device, a "Port down due to Admin" ticket might be generated on a port that is already in admin down state.
CSCun27884	Alarm association location shows physical interface instead of VLAN, which is defined correctly in location OID.
CSCun19328	Some entries in the "EFPs" table contain extra data that does not exist anymore in the polled data or are missing data that exist in the polled data.

Table 4 Technology-Related Bugs (continued)

Bug ID	Description
CSCun08829	ASR 5000 VNE becomes unreachable every polling cycle for a period of around two minutes when there are a few thousand AAA Diameter Route entries.
CSCum70578	TP Tunnel is missing in the map pseudowire view.
CSCum54365	Prime Network stops discovering TP tunnel services. AVM35 process hangs, TP-tunnel Service Discovery plug-in stops working.
CSCun24955	Pseudowire edge and NetworkTPTunnel edges are not linked in service view.
CSCun16609	"Chassis temperature exceeds 65 degrees" trap which is not supported anymore is still listed in the client.
CSCun43731	When the satellite chassis is disconnected, a duplicate "Power supply out" alarm is triggered that does not get cleared.
CSCun19143	Satellite IC port status participating in ICLs will not have status populated on initial investigation of VNE.
CSCul98786	When CDP is disabled and there is an expectation for the topology to be discovered via MAC topology, links are not discovered.
CSCun47761	Missing EFP in EVC view.
CSCun33376	Service alarms are not generated when deleting a VSI from the device.
CSCun20899	Active and backup pseudowires did not merge.
CSCun18551	When a VSI is removed and then rediscovered, it is represented by a reconciliation icon rather than as a new object.
CSCun13111	Pseudowire seems empty in the EVC view If both edges are of type Bridge/VSI.
CSCun54905	Satellite ICL links do not show up for ASR9K device with XR 511.

VCB Bugs

Table 5 VCB Bugs

Bug ID	Description
CSCtu33115	When adding support for third-party line cards that support multiple port types, port layers are not displayed correctly.
CSCul10312	Trap/Syslogs sent from VCB GUI 'Test Event' do not reach Prime Network.
CSCud00287	Module groups of only a few third-party vendors are displayed in the 'Modules' tab or module group information is empty for a few third-party vendors when viewing VNE driver details in the 'Drivers' tab.
CSCun36334	When importing multiple traps in bulk from a MIB file/s, the browser stops responding after the Finish button is clicked to add the selected traps.

Change and Configuration Management (CCM) Bugs

Table 6 CCM Bugs

Bug ID	Description
CCSCtq26336	When the Nexus 7000 VNE is stopped, its configuration archives are removed.
CSCug63646	After restoring archived config to startup-config on an ASR 903 device, the latest startup-config is not retrieved although the configuration is different.
CSCun15580	In Archive page, edit configuration does not work when there is more than one page of configuration to be edited.
CSCum99969	When trying to activate 500 devices in one job the storage pane rendering is slow and it takes a long time to populate data.
CSCui35119	Configuration restore operation fails.
CSCul02202	CCM fails to backup and restore configuration of ACE module through TFTP and SFTP.
CSCuj28308	CIOS image version is UNKNOWN in the Repository window.
CSCul02202	CCM fails to backup and restore configuration of ACE module through TFTP and SFTP.
CSCun31101	When running backup jobs with 22k devices, the job details page indicates unsuccessful tasks because of user permissions even through user permissions were valid.

Command Manager Bugs

Table 7 Command Manager Bugs

Bug ID	Description
CSCun55078	Unable to change the location in the gateway where exported commands are stored. The file CommandMgr.properties is not available under XMP_Platform/conf.
CSCun83339	When a new implementation is added to an existing command, the delete operation fails.

Compliance Audit Bugs

Table 8 Command Manager Bugs

Bug ID	Description
CSCun35188	Audit Job does not complete successfully due to device timeout.
CSCum17567	Audit fails even though the description value matches. For custom policies, the "Condition Match Criteria" evaluate expression for the "==" operator is not functioning properly.
CSCul55618	For "Switching" category policies, Spanning Tree Protocol (STP). VLAN 1, VLAN Trunking Protocol (VTP) audit is ignored for IOS switch devices.

Table 8 *Command Manager Bugs (continued)*

Bug ID	Description
CSCul89089	Rule "Check maximum number of SSH authentication retries" in System policy "SSH Parameters" is not working properly.
CSCul46999	With Internet Explorer version-8, there are problems in the Rule Input dialog when adding "List of Values" in table, enabling/disabling of fields, and edit functionality.
CSCul49954	Usage of "show running-config" command as part of "Condition Scope" in "Device Command Outputs" may result in inconsistent behavior and violation result.
CSCul68866	Audit is not working properly with rule input selected as "Terminal Line Group" (with "Any VTY" or "Specific line VTY" selection) for custom policy.
CSCul93980	For "Console Access" system policy in category "Audit & Management," fix CLI for violated rule "Check console connection" is not consistent.
CSCun70765	Selection of more than 1000 devices using "Shift + Click" in "Run Compliance Audit" does not work properly.

Fault Management Bugs

Table 9 *Fault Management Bugs*

Bug ID	Description
CSCum94855	Tickets with missing ticket ID and hourglass notation in the Vision Latest Events tab.
CSCun31046	Missing trap notifications that should have been forwarded by the ENS.
CSCun24915	The following prepackaged reports are very slow: <ul style="list-style-type: none"> Incoming Tickets Distribution Ticket Trend
CSCun23016	"EFD merge" and "EFD split" events and tickets are not forwarded by the ENS.
CSCum81083	Security violation error displayed in Prime Network Vision when adding a note to a ticket.
CSCue65430	For a specific ticket or event, the element type column in the Prime Network GUI is blank or showing as "Unknown".
CSCug82561	Prime Network Events displays errors indicating dropped messages.
CSCum81120	ENVM-1-OVERTEMP syslog floods the Events GUI.

Report Manager Bugs

This table shows open bugs in the Report Manager (the legacy reporting tool accessed from Prime Network 4.1 Vision, Events, and Administration clients).

Table 10 *Report Manager Bugs*

Bug ID	Description
CSCud03138	Errors received in Fault DB vs. Event Archive report output.

Operations Reports Bugs

This table shows open bugs in the new Prime Network Operations Reports component.

Table 11 Operations Reports Bugs

Bug ID	Description
CSCun18255	Inventory data report stops responding and remains “in-progress” for a long time.
CSCuf48387	Pie chart distribution is not equal to 100% in report.
CSCug14300	Bottom scroll bar in interactive reports is not fully visible.
CSCug34500	Drop down list does not disappear when performing a subsequent action.
CSCug34580	Tooltip is not clearly visible in Operations Reports GUI.
CSCuh21737	In the Active Events interactive report, the text does not wrap and field values overlap into the next field.
CSCuh59716	For pre-packaged interactive report scheduling email option not provided.
CSCuh60062	Scheduled interactive report names in Workspace not recognizable.
CSCuh60113	"Schedule" option is not enabled for pre-packaged reports.
CSCuh60722	Scheduled Interactive reports are all shown in the same page.
CSCuh63290	No option to select an output type (HTML, PDF, etc.) when scheduling an interactive report.
CSCuh63304	When editing and then saving a prepackaged interactive report, the name of the report is changed.
CSCuh68380	Reports folders are not visible when Operations Reports is launched for the first time.
CSCuh60084	Report scheduled with recurrence value of “run once” disappears from the Workspace after it has been executed.
CSCuh57022	Only the Prime Network user (pnuser) should be allowed to start/stop Operations Reports processes but the root user can also do this by running the reports server start/stop server script (./ctl.sh under export/home/<pnuser>/pentaho/server/biserver/tomcat/scripts).
CSCui14086	Data source was deleted and cannot be retrieved.
CSCui37467	Only the first page of a scheduled interactive report is shown although the report contains multiple pages.
CSCun00271	Interactive reports execution is slow with setups of more than 30K devices.

VNE/AVM Bugs

Table 12 VNE/AVM Bugs

Bug ID	Description
CSCtj92252	For ISR 1800 device, VNE restarts due to software version change.
CSCun23387	cwFamily missing for Nexus7K devices running with 6.2(6).
CSCtw65605	VEM module status shown as Unknown for Nexus 1000V.

Table 12 VNE/AVM Bugs (continued)

Bug ID	Description
CSCui81411	Bridge table is not modeled for Nexus 1000v device.
CSCug89915	VNE is unsynchronized and AVM crashes even with 2GB of memory.
CSCum81307	VNE consumes a lot of memory.

Suite-Related Bugs

Table 13 Suite-Related Bugs

Bug ID	Description
CSCuh59694	Although vCenter is not modeled in Prime Central, vCenter details may temporarily appear in the Prime Central GUI.
CSCuh93423	The Prime Central GUI may temporarily show Logical DC entities (VM, Host, Host Cluster, etc.) after a vCenter is deleted from Prime Network.

GUI-Related Bugs

Table 14 GUI-Related Bugs

Bug ID	Description
CSCun24763	It takes more than 7 minutes to open a map in Vision.
CSCuj79433	When opening the client using Webstart, a warning message appears: "Do you want to run this application?" When clicking "More Information" the warning says that there is unsigned associate JNLP file.

Job Scheduler Bugs

Table 15 Job Scheduler Bugs

Bug ID	Description
CSCun17110	In some cases, the Command Builder script returns different results when executed manually than when executed by means of a scheduled job.

Resolved Bugs

Table 16 identifies bugs that were listed as open bugs in the Prime Network 4.0 release notes and have since been resolved.

Table 16 Resolved Bugs in Cisco Prime Network 4.1

Bug ID	Description
CSCuc44069	Satellite IC port status participating in ICLs does not have status populated on initial investigation of VNE. Satellite ICL Link is not seen in the map.
CSCuh45319	Prime Network incorrectly creates topological links between multi-chassis devices.
CSCuh40148	ASR 901: MPLS label range in activation script is different from the range supported on the device.
CSCuh40153	ASR 903: MPLS label range in activation script is different from the range supported on the device.
CSCuh40597	Updating global configuration for mpls tp contains incorrect range.
CSCuh41349	Changing SONET port status using a script throws an error on ASR 9000/903 devices.
CSCuh54976	When executing the Update Interface Configuration script, a Beanshell error is received and the VOID is used.
CSCug85781	Duplicate BFD connectivity down service alarms on LAG interfaces.
CSCug57930	When LDP is configured on VLAN, VRF, or LAG sub-interface, Prime Network fails to correlate the LDP neighbor down to the root cause event.
CSCuh50660	When LACP channel is split between cards and one of the cards is removed, the channel stays in up state and a low priority member down ticket is created. When the card is inserted the card out ticket is cleared as expected, but the low priority member down ticket is not cleared.
CSCuh85023	"MPLS TE FRR State Changed to Active/Ready" service alarm is not correlated properly. Sometimes it is created as standalone ticket, and sometimes it is correlated to root cause such as "Port up" or "Port down due to ..." ticket.
CSCuh57971	Prime Network Vision client memory consumption reaches 100% and the client crashes.
CSCuh85126	AVM error log fills up with errors similar to this: ERROR [06 28 2013 16:24:13.555 CDT] - L1MH.onValidateTests - [Ljava.lang.Object;@78be2d The log rolls over every few minutes.
CSCuh88748	When trying to open the inventory of a VNE from the Administration GUI, out of memory occurs.
CSCuj20106	After upgrading from Prime Network 3.x to 4.0, the Compliance engine does not start up.
CSCug68959	Device added with Generic VNE scheme prior to upgrade of Prime Network 3.10 or Prime Network 3.11, is modeled with Product scheme post upgrade.
CSCuh79519	Upgrade fails and Java VM crashes.
CSCuh44996	ivne_install.pl script does not provide information as to why the IVNE install fails when downloading the DP in ASCII mode.
CSCuh08368	MPLS Label range incorrect in CPT when trying to add via LSE command.
CSCuh82489	Execution of MPLS_TP Add Configuration Link command fails.
CSCuh14256	Edit command: devices specified for the source command are not selected in the GUI when editing the command.

Table 16 Resolved Bugs in Cisco Prime Network 4.1 (continued)

Bug ID	Description
CSCuh81373	Ctrl + Space adds parameter display name instead of variable name.
CSCuh81422	Import command fails with message "implementation already exists" although the command has been deleted.
CSCuh82257	Command import does not work when using IE 9.0.
CSCuh88284	"None" is not displayed as an option in the new/edit parameter screen when creating a command, therefore it cannot be selected as the default value.
CSCuh46611	Upgrading ME-3400E image fails.
CSCug26212	Fiber channel link is not removed/down when the vfc interface is unbound from the Ethernet port.
CSCuh25851	When a member of an MLPPP link is brought back up after being shut down, the number of active links in the MLPPP bundle is not restored.
CSCuh15233	If Chassis is removed and connected again, Blade Server details are incomplete.
CSCuh44261	Local router ID for tunnel edge entries in static pseudowire logical inventory is populated as 0.0.0.0 instead of l2vpn router id.
CSCuh73519	ASR 9000 VNE logs PatternSyntaxException when VFR name includes '*' characters, which are special characters for RegExp.
CSCuh79462	ASR 903 VNE fails to parse %LINEPROTO-5-UPDOWN syslog message.
CSCuh66512	Inventory is not updated correctly with all VMs after migration in the case of large scale VCenter. For example, when 200 vMotion is performed on a VCenter with 7000 VMs, some of the VMs are missing in the inventory.
CSCue53952	VNE state is device unsynchronized after CTP reboot or power-recycle.
CSCuh96071	Pseudowires are not discovered.
CSCug71067	Server down event is not correlated to Host down event.
CSCuh66585	Number of vMotion events generated is less than the number of vMotions performed on the vCenter.
CSCuh71700	SAN port channel and Fiber channel port down events are generated when the VNE models for first time.
CSCuh41596	Poll now does not work for LAG technology in Nexus 5000 devices.
CSCuh48754	Routing entries are not populated under the VRF table for Nexus 5000 devices.
CSCuc13194	When committing a new syslog or trap through VCB, after pressing the Finish button, the application reports an error "Failed to save data: Timeout waiting for result".
CSCuh69871	VCB Events GUI does not show all the supported Logical Containers.
CSCug86463	In Edited Archive Restore Flow, when selecting the running configuration, selecting the restore to startup config option and scheduling the job, the job fails.
CSCuh84880	Failed to reschedule job.
CSCuh24710	Newly created compliance policy disappears from the display.
CSCug18701	The location column/field in the Tickets/Events for ASR5k/5500 traps points to the Managed Element instead of to their corresponding service modeled in the logical inventory.

Table 16 Resolved Bugs in Cisco Prime Network 4.1 (continued)

Bug ID	Description
CSCug27611	A system event stating "Number of orphan events reached major limit" is generated.
CSCuh96294	Element type filtering is not working in Prime Network Events.
CSCuh57307	Transaction job does not have a tasks list in the Job results screen.
CSCug34467	Date format of Device Up time as well as the value of time for a VNE is different in the report from what is shown in the inventory.
CSCui08242	Prime Performance Manager (PPM) events are not displayed in Operations Reports.
CSCuh60428	Admin users can delete prepackaged reports and data sources but there is no way to retrieve them.
CSCuh72640	Device selector in Operations Reports is not automatically updated when VNEs are added/deleted.
CSCuh89330	Unassociated FA service is not deleted from the report.
CSCuh96493	Tickets generated by network events are not shown in the reports.
CSCuh06495	Drop down menus appear to the left of and far from the drop down button (instead of just below the button).
CSCuh77441	Device configuration validation pass event is not received after adding an unreachable VNE to the server.
CSCuh83550	RFGateway 10 device does not model when Third Party Device Package is installed in the system.
CSCuh83890	When loading 30K VNEs at once for the first time, the system hangs.
CSCuh71133	VNE is stuck in discovering mode.
CSCuh55163	Nexus device takes time to become operational and the device CPU is increased in a scale setup.
CSCuh25970	VNE fails to recognize the %CONTROLLER-5-UPDOWN syslog issued for T1 controller on the serial interface and therefore fails to generate the Port down service alarm.
CSCuh97042	The Prime Central GUI may not reflect real time card in/out status. This behavior may be temporary until an inventory sync is performed from Prime Central.
CSCuh51921	Device port line rate might not reflect properly in the Prime Central GUI.
CSCug67301	When a data store is deleted on a vCenter, the data store and all its association to Hosts will be removed from vCenter inventory.
CSCui64970	Prime Network webstart clients fail to start.
CSCuh00593	VNEs remain in initializing state during system startup.
CSCug42988	When adding an MPLS-TP service to the map, endpoints or middle points may not be discovered properly.
CSCud05482	High load average may be caused because of southbound IP search.
CSCug54035	Cisco Prime Network displays extra Gigabit ports for 24 port Whales (ME3600x/ME3800x) device.
CSCuh46269	When executing the Create ISIS Router command, the specified EIGRP AS Number is not used for execution.
CSCuh49413	Units do not start after reboot.

Table 16 *Resolved Bugs in Cisco Prime Network 4.1 (continued)*

Bug ID	Description
CSCuf89644	Module is not discovered properly for a Nexus 7000 device because the OID returned by the device is incorrect.
CSCuh35846	Missing values when editing a command for a second time.
CSCue71985	Wrong association of syslog alarms for TP-tunnel interfaces on ASR 9000 devices.
CSCuh52235	Repetition of Ethernet OAM Session syslog in Event Notification (ENS).
CSCue87299	Physical inventory of Nexus 3000 devices is not modeled.
CSCuh51488	The Prime Central GUI may not reflect real time power off/disconnected status for blade servers. This behavior may be temporary until an inventory sync is performed from Prime Central.
CSCUI28002	UCS device synchronization takes longer than expected in a scale setup.
CSCui11704	After creating a device group, some device members are not displayed in the group.
CSCuf77193	Out Of Memory does not print the stack trace.
CSCuh84707	OIR cards with DWDM do not map DWDM interface traps to the interface. The events generated are not correlated correctly and the events are not associated with the interface.
CSCun18257	Incorrect bundle association on ASR 9000 device.

Closed Bugs

Table 17 identifies bugs that have been closed since the previous release.

Table 17 *Closed Bugs in Cisco Prime Network 4.1*

Bug ID	Description
CSCuh88641	Some tickets might not be cleared after upgrade.
CSCuh37918	Link filter in map in Vision - mismatch in group and contents after upgrade.
CSCuh56951	Commands created in Vision are not reflected in the command repository after restarting AVM11.
CSCuh77801	When using Vision to edit a command that was created in Command Manager, a new implementation is created instead of updating the existing implementation.
CSCug21885	P2MP MPLS-TE tunnel configuration changes are not updated on mid/tail nodes on VNEs using reduced polling.
CSCtj30236	LAG link is not rediscovered after clearing and removing the ticket.
CSCuh96505	After the VM key is changed, e.g., due to rename or migration, all the old VM-related alarms continue to point to the old VM location. Any new alarm, including the renaming and migration alarm, will point to the correct VM location.
CSCuc62642	In some cases, for recurring jobs (Daily, Weekly, Monthly), the Job Manager does not show the correct "Next Run Time" and the job is not executed at the expected time.
CSCtx01472	Newly added event types are not forwarded through the Event Notification Service if specific event types were selected when defining the service.

Table 17 Closed Bugs in Cisco Prime Network 4.1 (continued)

Bug ID	Description
CSCug99337	Saved PDF report cannot be opened by Acrobat Reader.
CSCuh71664	When opening a scheduled HTML report from an email, only tabular data is shown. Charts and graphs are not displayed.
CSCuh72361	In Operations Reports, a report does not display unless all permissions are given at the folder level.
CSCuh51035	In Operations Reports, in a hardware inventory report for a device with ports under modules and sub-modules, the ports under the sub-modules do not show up.
CSCuh66644	In Operations Reports, if a non-Admin user does not have "execute" permissions for the folder and the report, the interactive report cannot be viewed.
CSCuh51476	An error "Windows cannot find 'telnet'. Make sure you typed the name correctly, and then try again" is displayed when trying to telnet from Prime Network Vision to a device using the Tools->Telnet menu option.
CSCum80152	Hardware summary report shows 'N/A' in Serial Number property.
CSCug68965	After upgrade, a report that was created in the previous version is not found.
CSCul24577	In Network Discovery, the scheme selected for the device is Product, but when it is created in Prime Network, the scheme is IpCore.

Bugs Resolved in Earlier Releases but Still Open in Prime Network 4.1

The bugs listed in [Table 18](#) were identified too late in the Prime Network 4.1 development cycle to be fixed for this release. The fixes for these bugs have been provided to customers running older versions of the product as needed and are scheduled for inclusion in the next release.

Table 18 Bugs Resolved in Earlier Releases but Still Open in Prime Network 4.1

Bug ID	Description
CSCuf25895	High CPU in the unit.
CSCui22003	Details missing from logical inventory for new Calix Technologies.
CSCui62333	Config-deploy and NEIM operations are failing for DragonWave devices.
CSCui42274	Encapsulation MUX DC of DSL Bonding Group should attach with EFPs.
CSCuj44143	Telnet sequence for Symmetricom devices TP5000,TP2700 are currently not supported.
CSCui45353	Add Symmetricom as a vendor in Prime Network.
CSCui29058	When two devices are connected via a topological link, and one of the devices becomes unreachable, a link down ticket will show up in the Vision GUI. Once the device becomes reachable again, the ticket should be cleared however it is not cleared.
CSCuj28566	Retained CCM jobs cannot be run after upgrade to 4.0 or 4.0 SP1.
CSCul27593	Pluggable type missing in the Pluggable transceiver panel.
CSCui99598	Image Distribution fails for DragonWave Compact plus devices.

Using the Bug Search Tool

Bug Search is a new tool for getting information about Prime Network 4.1 bugs. In addition to having better performance than the legacy Bug Toolkit, Bug Search allows you to:

- Quickly scan bug content
- Configure e-mail notifications for updates on selected bugs
- Start or join community discussions about bugs
- Save your search criteria so you can use it later

When you open the Bug Search page, check the interactive tour to familiarize yourself with these and other Bug Search features.

-
- Step 1** Access the Bug Search tool from the Bug Toolkit page.
- Go to <http://tools.cisco.com/Support/BugToolKit>.
 - At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**. The Bug Toolkit page opens.



Note If you do not have a Cisco.com username and password, you can register for them at <http://tools.cisco.com/RPF/register/register.do>.

Step 2 Open the Bug Search page by clicking the **Bug Search** link from the top of the Bug Toolkit page.

Step 3 To search for bugs in the current release:

- a. Enter **Prime Network 4.1** in the Search For field and hit Return. (Leave the Product, Software Type, Release, and Show Bugs fields empty.)
- b. When the search results are displayed, use the filter and sort tools to find the types of bugs you are looking for. You can search for bugs by severity, by status, how recently they were modified, according to the number of support cases associated with them, and so forth.

If you know the bug ID, simply enter it in the Search For field and hit Return.

Related Documentation

For a list of the guides available for Prime Network 4.1, see the [Cisco Prime Network 4.1 Documentation Overview](#).

Additional information can be found in the Cisco Prime Network Technology Center, which is an online resource for Prime Network support content, including help for integration developers who use Prime Network application programming interfaces (APIs). It also provides a platform for you to interact with subject matter experts. To access the Prime Network Technology Center website, you must have a Cisco.com account with partner level access. You can access the Prime Network Technology Center at: <http://developer.cisco.com/web/prime-network/home>.

Accessibility Features in Prime Network 4.1

The Prime Network 4.1 software does not provide accessibility features. All product documents are accessible except for images, graphics and some charts. If you would like to receive the product documentation in audio format, braille, or large print, contact accessibility@cisco.com.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

Subscribe to *What's New in Cisco Product Documentation*, which lists all new and revised Cisco technical documentation, as an RSS feed and deliver content directly to your desktop using a reader application. The RSS feeds are a free service.

This document is to be used in conjunction with the documents listed in the “Related Documentation” section.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

© 2014 Cisco Systems, Inc. All rights reserved. ♻️ Printed in the USA on recycled paper containing 10% postconsumer waste.

