



Cisco Evolved Programmable Network Manager 6.1.0 Release Notes

First Published: 2022-07-29

Last Modified: 2023-01-23

Introduction

This document contains the following information about Cisco Evolved Programmable Network Manager 6.1.0:

- [Functionality Added in Cisco EPN Manager 6.1.0, on page 1](#)
- [Functionality Deprecated in Cisco EPN Manager 6.1.0, on page 2](#)
- [Device/OS Support Added in Cisco EPN Manager 6.1.0, on page 5](#)
- [Supported Installation/Upgrade Paths, on page 5](#)
- [Important Notes, on page 6](#)
- [Cisco EPN Manager Bugs, on page 8](#)
- [Related Documentation, on page 17](#)
- [Accessibility Features in Cisco EPN Manager 6.1.0, on page 17](#)
- [Obtaining Documentation and Submitting a Service Request, on page 17](#)

Functionality Added in Cisco EPN Manager 6.1.0

This section lists the new features/functionalities delivered in Cisco EPN Manager 6.1.0.

GUI - General

- Providing interface description on the alarm location, for interface related alarms
- Support for interface details report to include all the interfaces along with IP

Device Configuration

- EPNM support for Multisegment Pseudowire
- EPNM support for Local LMP provisioning
- EPNM support for creation of Virtual Trunk Port on NCS4K CFP Port

Device Support

- EPNM support for ASR903 GNSS PTP traps and performance MIBs

Optical

- EPNM support for large Optical network with PM enabled
- EPNM support for NCS1K Regen Mode as Constraint in MCHNC
- EPNM support for ODU UNI on T5
- EPNM support for multiple LANEs in the optical SFPs tab
- EPNM support for Cisco Routed Optical Networking (RON)

Fault Management

- Customer-defined timer for automatically clearing of traps
- EPNM support for Event Per Second (EPS) related alerts
- Capability to set event (trap or syslog) as alarm
- The following customizable attributes have been added to the respective reports mentioned in the table. To use these attributes, add them using **Customize Report** option.

Report Name	New customizable column
Interface Traffic	Interface Description
Interface CRC Errors	Interface Description
Optical SFP Interface (On NCS 5000 and ASR (9000 only)	Interface Description and Sensitivity Values
Link Utilization	Bundle-Ether Utilization and Capacity
IPSLA	Device Name of the target IP address

Functionality Deprecated in Cisco EPN Manager 6.1.0

- MTOSI support for EPNM has been deprecated from Cisco EPN Manager 3.1 onwards, please use RESTconf NB APIs for integration.
- IoT feature support exists on non-U PIDs.
- Cable devices and functionality has been deprecated from Cisco EPN Manager 4.0.1 onwards and removed from Cisco EPN Manager 5.0 onwards.
- NBI Credential user group is deprecated starting Cisco EPN Manager 4.0 release.
- G8032 is not supported and has been deprecated starting Cisco EPN Manager 4.0 release.

Following features are deprecated in Cisco EPN Manager 5.1 and will be removed from Cisco EPN Manager 6.1:

- Deprecation of browser (Internet Explorer 11 - IE11)
- Deprecation of Bare metal installation
- Deprecation of classic license

Following features/functionality/Menu are deprecated in Cisco EPN Manager 6.1.0.

- Removal of support for setting GPS location for device groups
- **Topology Map functionality:**
 1. Grouping settings under system Settings
 2. Hover information on links in Topology
 3. Print\Save of map
 4. Map dashlet
- **General Features:**
 1. Chassis View consolidation: always ON chassis view with merged logical and device details view
 2. Active Virtual Domain
 3. Main Navigation Menu Options:
 - Administration>Dashboards> Job Dashboard> System Jobs - APIC-EM Integration
 - Administration>Dashboards> Job Dashboard>System Jobs - Assurance & Health summary
 - Administration>Dashboards> Job Dashboard> System Jobs - Wireless Monitoring
 - Administration>Servers> ACS View Servers>ACS View Servers
 - Administration>Servers> APIC-EM Controller> APIC-EM Controller
 - Administration>Settings>Logging>SNMP Log
 - Administration>Settings>Logging>Syslog
 - Administration>Settings>Certificate> Certificate - System Key & Certificate
 - Administration>Settings> System Audit> System Audit
 - Administration>Settings> System Settings> General - Guest Account
 - Administration>Settings> System Settings> General - Help Us Improve
 - Administration>Settings> System Settings> General - Proxy
 - Administration>Settings> System Settings> General - Software Request
 - Administration>Settings> System Settings>General - Cisco DNAC Center
 - Administration>Settings> System Settings> Network & Device - CLI Session
 - Administration>Settings> System Settings> Network & Device - Controller Upgrade
 - Administration>Settings> System Settings> Network & Device - Unified AP Ping Reachability
 - Administration>Settings> System Settings> Network & Device - Plug & Play

- Administration>Settings> System Settings> Switch Port Trace - Auto SPT
- Administration>Settings> System Settings> Switch Port Trace - Manual SPT
- Administration>Settings> System Settings> Switch Port Trace - SPT Configuration
- Administration>Settings> System Settings> Switch Port Trace - Known Ethernet MAC
- Administration>Settings> System Settings> Inventory - Datacenter Settings
- Administration>Settings> System Settings> Client & User - All sub menu
- Administration>Settings> System Settings> Services - Service Container Management
- Configuration> Templates> Features and Technologies> Feature Templates
- Configuration> Templates> Switch Location> Switch Location Table view
- Configuration> Templates> Switch Location> Switch Location - Add Template
- Configuration> Templates> Switch Location> Switch Location - Apply Template
- Configuration> Templates> Scheduled Configuration Task> AP Template Tasks
- Configuration> Templates> Scheduled Configuration Task> AP Template
- Configuration> Templates> Scheduled Configuration Task> Config Group
- Configuration> Templates> Scheduled Configuration Task> WLAN Configuration
- Configuration> Templates> Scheduled Configuration Task> Download Software
- Dashboard> Performance> BNG Statistics> BNG Statistics Dashboard TAB
- Dashboard> Performance> ME1200 QoS> ME1200 QoS Dashboard TAB
- Dashboard> Device Trends> Applications> Applications Trend Dashboard

4. Device Details:

- Inventory>Device Management>Device Details>Device Details - CDP Neighbours
- Inventory>Device Management>Device Details>Device Details - Civic Location
- Inventory>Device Management>Device Details>Device Details - Spanning Tree
- Inventory>Device Management>Device Details>Device Details - VTP
- Inventory>Device Management>Device Details>Device Details - Stacks
- Inventory>Device Management>Device Details>Device Details – VLANs
- Inventory>Device Management>Device Details>STS/VC Interfaces
- Inventory>Device Management>Device Details>Intra Node LMP
- Inventory>Device Management> Configuration Archive> Config Archive Device Table - Deploy Config
- Inventory>Device Management>Virtual Image Repository> Image Repository View
- Inventory>Device Management> Network Audit

- Inventory>Group Management>Port Groups>System Defined

5. Device Groups:

- Device Groups>Location>All Locations>Civic Location



Note Most of the device details mentioned are applicable for devices with essential support.

Device/OS Support Added in Cisco EPN Manager 6.1.0

This section lists the new support provided in Cisco EPN Manager 6.1.0. For a list of all support information, click the gear icon at the top right of the web GUI and choose Help > Supported Devices.

Cisco NCS 5500 Series Network Convergence Systems —New Operating System Support

Device Model	Device OS
Cisco NCS 5500	IOS-XR 7.7.1

Cisco 8000 Series Routers —New Operating System Support

Device Model	Device OS
Cisco 8000	IOS-XR 7.7.1

Cisco ASR 9000 Series Aggregation Services Routers—New Operating System Support

Device Model	Device OS
Cisco ASR 9000 Router	IOS-XR 7.7.1

Supported Installation/Upgrade Paths

The following table lists the valid paths for installing/upgrading to Cisco EPN Manager 6.1.0 from previous versions.

Current Cisco EPN Manager Version	Installation Path to Cisco EPN Manager 6.1.0
Cisco EPN Manager 6.0.0 Cisco EPN Manager 6.0.1	Cisco EPN Manager 6.0.0 (restore) > 6.0.1 > 6.1.0
Cisco EPN Manager 6.0.2	Cisco EPN Manager 6.0.0 (restore) > 6.0.2 > 6.1.0
Cisco EPN Manager 5.1.4.1	Cisco EPN Manager 5.1.4.1 > 6.0.0 (restore) > 6.0.1 > 6.1.0

See the relevant [installation guide](#) for installation prerequisites and procedures for Cisco EPN Manager versions.

For point patch installation instructions, see the readme file supplied with the patch file on the [Software Download site on Cisco.com](#).

Important Notes

Cisco EPN Manager software is distributed with all the components necessary for its optimized and secure operation, including the Red Hat Linux operating system and the Oracle database. All security-related configurations, regression testing, performance, and scalability metrics are based on the set of components and configurations included in the original Cisco EPN Manager software distribution. Cisco provides periodic EPN Manager software updates that can also contain necessary updates to the packages installed on the operating system or to the database.

Note that if any of the following changes are made to the original distributed Cisco EPN Manager software, Cisco will no longer support the operating environment:

- Configuration changes to the software or operating system, or installation of other components that are not part of the original distribution.
- Direct installation and application of third-party software on the Red Hat Linux operating system embedded within Cisco EPN Manager.
- Application of updates or patches that are **not** provided by Cisco to individual Cisco EPN Manager components.
- Changes to the internal Cisco EPN Manager settings that are not documented as modifiable in the Cisco EPN Manager User and Administrator Guide on Cisco.com, as these changes may weaken security, disable functionality, or degrade scalability and performance.

Upgrade Issues

- FTP and TFTP is disabled by default.
- Active Threshold Crossing Alarms (TCA) for temperature remain active and are not cleared automatically. Please clear these alarms manually.
- You must resync your devices to view ISIS links.
- You must resync LDP-enabled devices to view LDP feature-related information.
- You must recreate the TCAs for inbound/outbound errors and inbound/outbound discards in the Interface Health monitoring policy.

Limitations on Carrier Ethernet Circuit Provisioning

- Promotion of service using old probe name format is now supported. These probes are listed in user interface with appropriate standard OAM Profile name after promotion.
- Sample profile: profile PM2_3_8_CoS5_DM type cfm-delay-measurement.
- While custom profile names are supported in EPN Manager, modifying brownfield services with a different naming format deletes the existing custom profile and adds a new profile with a supported naming format.

- Inventory models do not correctly display the profiles that are not associated to a service.
- Validation limit for number of profiles is 100. If you create a new SLA operation profile after 100 existing profiles, the device generates an error and deployment fails.

TLS 1.2 Required for Secured Channel Communication for HTTPS and TLS

Only Transport Layer Security (TLS) 1.2 is supported for HTTPS and TLS related secured communication, for example, RADIUS EAP-TLS.

Support for TLS 1.0, TLS 1.1, and all versions of SSL has been disabled due to security vulnerabilities.

This means that all peer systems and clients that transact with Cisco EPN Manager using HTTPS/TLS must support TLS 1.2. If they do not support TLS 1.2, you must upgrade these systems. Wherever possible, the Cisco EPN Manager documentation highlights the potentially affected systems. Please contact your Cisco representative for support in this regard, if necessary.

Reconciliation Report Limitations

If you have not provided a value for an attribute while provisioning a service, the provisioned value for that attribute is displayed as “Missing” in the reconciliation report. The device may have a default value for this attribute, but Cisco EPN Manager does not configure this value.

Limitations on ME 1200 Devices

The Y.1564 performance test does not work if the source/destination is a ME 1200 device.

Limitations on Editing Alarm Notification Policies

If the upgrade conditions of existing categories are different from the condition of categories on 5.1, then the conditions post upgrade will not match. As a result, policy might not be created or UI selection might not take place for the unmatched events. In this case, you should delete the upgraded policies and create a new one.

Limitations on NCS 4200 Devices Running IOS-XE 16.8.1

The following functionalities do not work on NCS 4200 devices running IOS-XE 16.8.1:

- Alarm profile
- Configuration of SONET LOP and CT3 LOP from the GUI
- Admin shut/no shut functionality on SONET/T1/T3 HOP/LOP

Limitations on NCS540 and NCS5500 devices

NCS540 and NCS5500 device series does not support Fault-OAM, Wrap-Protection and BFD.

Use CLI Templates for Configuring PTP Commands

On ASR920 devices with software version 16.9.1, IEEE 1588-2008 BC/MC license is required to execute the 1588 PTP commands.

Configuration and Inventory Not Supported for PTP Templates

The behavior of modeling the configurations pushed through PTP templates may not work as expected because the model may not be in place for all the configurations pushed through PTP templates. Configuration/Inventory is not supported for these configurations.

Deprecation of Support for ONS 10.00.10, 10.01.00, 10.03.00

ONS 10.00.10, 10.01.00, 10.03.00 ONS 10.00.10, 10.01.00, and 10.03.00 are no longer supported on Cisco NCS 2002, 2006 and 2015 devices.

Data Center Device Lifecycle Support Only

Cisco EPN Manager provides foundation lifecycle support for UCS compute systems, CSR 1000v, and Nexus series devices but does not provide data center topology.

LINK_DOWN alarm on sub interfaces in Gig Port

LINK_DOWN alarms will not be generated when link is down on sub interfaces in a Gig Port.

Cisco EPN Manager Bugs

- [Open Bugs, on page 8](#)
- [Closed Bugs, on page 9](#)
- [Resolved Bugs, on page 9](#)
- [Get Information about Cisco EPN Manager Bugs, on page 16](#)

Open Bugs

The table below lists the open bugs in Cisco EPN Manager Release 6.1.0 according to the following criteria:

- Severity 1, 2, and high priority severity 3 open bugs
- All open customer-found bugs
- High-impact bugs that are likely to affect Cisco EPN Manager workflows.

Click the identifier link to view the impact and workaround for the bug in the [Bug Search Tool](#). Use this tool to track the status of the open bugs.

Bugs	Description
CSCwc55879	500 error returned by api/v4/data/InventoryDetails for SVO device
CSCwb70088	55A2/57C3/5508 (NC57-MOD-S with NC57-MPA-2D4H-S): Not showing Physical & breakout siice ports
CSCwb95075	Few devices are in CF after 1st device sync on upgrade server(6.0 to 6.1).
CSCwc19985	6.1.1 GA 140C - Sometimes Link Arrow showing wrong direction
CSCwc44726	EPN - alarm notification policy email sms mms gateway differences

Bugs	Description
CSCwc46815	SVO brown circuit appears in ENes map not related to the circuit when create circuit with same name
CSCwc52020	NCS2K SVO Span loss showing incorrectly
CSCwc01484	Config archive Job run time has been changed after backup and restore has been done
CSCwc54437	Missing LAG
CSCwb54803	5508: Click on alarm ID link from alarm tab in device 360 view, alarm not shown
CSCwc67057	Installing sysadmin SMU fails for NCS1K
CSCwc47204	NCS1004 collection failure after OTN-XP module upplug

Closed Bugs

The table below lists the closed bugs in Cisco EPN Manager Release 6.1.0.

Click the identifier link to view the impact and workaround for the bug in the [Bug Search Tool](#). Use this tool to track the status of the bugs.

Bugs	Description
CSCwb46808	Performance dashboard , back end response is 500 ,UI showing spin whell for deleted breakout
CSCwb52175	ZRP optics port not showing the value of speed
CSCwb54915	ODU circuit (4K-2K) - Admin state shows partial in circuit details
CSCwb86147	Verify Credentials and Node Sync failing at EPNM for TACACS/Radius Enabled 2K Nodes
CSCwa74983	NCS4k:Frequency (lable and value) not updated in if DWDM grid unit representation is changed
CSCwb03234	A-End or Z-End (icon) is not reading when it's in EDIT mode.
CSCwb91125	Unable to promote EVPL between XE device with error of Failed to invoke .. String.substring(int,int)

Resolved Bugs

The table below lists bugs that have been resolved in Cisco EPN Manager 6.1.0

For more information about the resolved bugs, go to the [Bug Search Tool](#).

Bugs	Description
CSCwa56226	Some of the circuits going into partial state after migration
CSCwa68126	ASR9904:Transport admin status is not same in chasis/device details view
CSCvx44210	Packet Scale 5.1 - Inconsistencies in TeTunnelLsp and TeTunnelLspEndpoint relation post device add
CSCvz72116	[Scale]Import 8K-Few devices are in CwW and Collection failure state
CSCvz97671	NCS2K : Particular OCHCC WSON circuit is Partial in EPNM and related cc info from trail missing
CSCwa09762	5508:RON:Breakout port having different wavelenth , this wavelenth is not matching with show conf
CSCwa16286	B/R:TL1: Update and sync after associating Credential profile to multipe device , one device go sync
CSCwa57197	Circuits of one User Group is displayed under another User Group
CSCwa71969	[Packet scale]Fresh install- found discrepancy in Service count and links count
CSCvz95559	NCS2K : Restoration config is showing as None in-circuit table, but is correct in circuit 360
CSCwa74971	NCS4k:TCM:Enabling Performance Monitor is not working , it is always goes to disabled
CSCwa67532	smart license not consumed correctly for smart advance (advantage) licenses.
CSCwa69581	Growing KahaDB storage size for MCN Active message queue
CSCwa74743	Impacted OTS-OMS links pane will show ALL OTS links in case of alarm on one of the OTS links

Bugs	Description
CSCwa77151	LDP link Severity shows wrong due to non-related alarm on one of the devices
CSCwa79967	wrong implementation of path-id in RESTCONF Customer Facing Services API
CSCwa84480	virtual trunk can't be re-created after deletion if trunk port has been used in ochnc circuit
CSCwa84966	EPNM 5.1 : setup with 4.4k+ devices and 830 device groups take ~40secs to search device in topology
CSCwa89394	CWW: Feature optical_interface failing on ASR9010 with lower IOSXR versions
CSCwa90932	Software Image distribution with FTP over SWIM-Server failed
CSCwa94989	GET API on POST-triggered OTDR scan file works partially only after GUI OTDR scan data download
CSCwa96032	Unable to delete the MCH NC SSON circuit after updating it
CSCwa97339	Job result does not show the job result details
CSCwb00635	Breakout port shown as opticsx/x/x/x instead of TenGigx/x/x/x on card NC55-24H12F-SE of NCS5504
CSCwb14130	line config in running-config is parsed incorrectly if line config are combined (RS232)
CSCwb16379	LDAP SSL authentication is not working
CSCwb26858	Inconsistency in the Traffic Values reported in Service Performance Dashlets
CSCwb27684	configArchiveService/extractUnsanitizedFile cannot be executed by NBI users
CSCwb32816	SOURCEIFINDEX and DESTINATIONIFINDEX are not

Bugs	Description
	populated correct in opticalCircuitInfo
CSCwb43234	Northbound Traps for NCS category alarms are not forwarded to OSS
CSCwb45856	reroute api issue - error message at the optical device/network should be propagated to upper layer
CSCwb45866	NBI failure response compliant with RFC 8040
CSCwb50051	Circuit VC page when user create advance filter more than some number disappears
CSCwb54312	Rest API statisticsService/application/topNTraffics not working
CSCwb55718	Circuit MLT Save image option not working with firefox browser.
CSCwb62072	NCS2K Collection failure alarms were not cleared after the device moved to complete state
CSCwb63945	ASR 9906 Power module missing
CSCwb66941	RejectedExecutionException while loading topology
CSCwb69838	handleGetServiceStructure causes OOM for InvalidRouteException flow
CSCwb73207	Sanitized config archive encrypt the word encrypt instead the actual password
CSCwb75899	MLT missing in-between circuit (OCH)
CSCwb76293	Modify of circuit with restoration path is failing in EPNM
CSCwb82119	NCS2K Collection failure alarms were not cleared after the device moved to complete state

Bugs	Description
CSCwb83145	Backup and restore does not keep the users and repositories in the configuration
CSCwb85934	Location flag is not set correctly on Remove Location action in Gio Map
CSCwb89265	Topology ,Äi OTS Link utilization ,Äi Unused Wavelength filter not working as expected
CSCwb89800	nms_sys_error log file is binary and increasing in size, making the file unreadable
CSCwc01106	Template failed to deploy, but EPNM shows it as a success
CSCwc01967	Coherent DSP entry not added after re-configuring muxponder Mode card configuration on NCS1K device
CSCwc04459	Wrong "\"split-horizon group\" line of sub-interface for root UNI in bridge-domain config of EVP Tree
CSCwc09214	UDF are not shown in inventory page nor in reports in case mgmt ip is ipv6 with trailing 0s
CSCwc14342	Ethernet status API returns wrong Lable/Unit
CSCwc18708	NCS2k devices license count is incorrect
CSCwc22907	SFP Port and Module detail Report - not showing SFPs for any IOS-XE devices
CSCwc33793	SWIM: Image Family and Version values shown UNKNOWN for ASR9k 64 bit SMU
CSCvz40220	MCNCSSON optical-threshold-restoration parameter is expected for validation-restoration is INHERITED
CSCwa82715	Advanced filter option does not show expected output.

Bugs	Description
CSCwa94994	GET API downloaded OTDR (triggered by POST) SOR file name not the same as GUI export file name
CSCwb12659	cisco-resource-physical:node does not return complete data for multi chassis device
CSCwb16478	OpticalSFP reports are not generated when Report Criteria is All Devices > All Devices
CSCwb22454	Network devices table export file showing GMT time zone instead of server or client time zone
CSCwb49920	NCS 55A2-MOD-SE-S chassis does not show cards or port information
CSCwb51982	Report Jobs must not be allowed to delete from User jobs
CSCwb53963	missing, wrongly or inconsistent displayed unit label in interface 360 view for NCS 1004
CSCwb54043	inconsistency between EPNM and CTC on trunk port description change if it is used by active circuit
CSCwb60050	In Users tables, the row number is put out on TAB-navigation onto the checkbox
CSCwb69965	Aggregation tables for Optical PM are full with data when it should be empty
CSCwb73936	Export of device list is limited to 1K devices
CSCwb82287	Wrong annotation on ports (mon,com,line) on WXC80/OSC-CSM Faceplate for the exact interface on N2K
CSCwb98856	Wrong annotation on ports (mon,com,line) on OPT-AMP-17-C Faceplate for exact interface on ONS 15454

Bugs	Description
CSCwb99959	loopback pre-select issue for controller Ethernet or OTN configuration of NCS 1004
CSCwc04573	EPN - install - temp folder not created after install
CSCwc05477	EPN - REST - api guid unclear
CSCwc08397	EPN - log - nms_sys_error.log opened without append
CSCwc24887	Too many open files error is seen frequently
CSCwc15941	no response on save for adding Muxponder Mode Card Configuration entry for NCS1K4-1.2T-L-K9 card
CSCwc27715	Incorrect iOS Version displayed in Software Image Repository
CSCwb04958	Help Tip updated needed for Readiness Checklist for HA
CSCwb74184	Passwords reused range is incorrect in the local password policy
CSCwc20725	Clean up of property file -- ifm_config_archive.properties
CSCwa75587	issues on cisco-network-resource-oam restconf POST and GET API on OTDR scan
CSCwb76607	EPNM should discover Y-cable protected OCHCC Legacy circuits on a ONS 15454
CSCwa54650	Evaluation of cepnm for Log4j 2.x DoS vulnerability fixed in 2.17
CSCwa68724	LLDP/Physical Link is still associated with stale L2LinkterminationPoint even proper L2LTP exist
CSCwa78919	Cisco Evolved Programmable Network Manager Multiple Third Party Vulnerabilities
CSCwa87579	PTP alarms not cleared

Bugs	Description
CSCwb55162	CSCvz98965 is not resolved in 6.0 since wrong artifact is released xmp_snmp_sessionmgr-3.855.0.jar
CSCwc37069	UDF are not shown in network inventory detail report
CSCwc11260	Inventory / Device Management / Configuration Archive - Archive Available incorrect filtering
CSCwc19071	Few Real time PM counter is missing in 6.1 in ncs1004
CSCwc19853	NCS1004 - Power levels optical interfaces - 1 lane instead of total power.docx
CSCwc19845	LBGC/LBC in epnm 5.1 it is LBC , in 6,1 it is LBCL
CSCwb76256	EPNM not dropping HSRP-5-STATECHANGE events when the device is not present in EPNM

Get Information about Cisco EPN Manager Bugs

Use the Bug Search tool (BST) to get the latest information about Cisco EPN Manager bugs. BST allows partners and customers to search for software bugs based on product, release, and keyword, and it aggregates key data such as bug details, product, and version.

Cisco EPN Manager bugs may be caused by defects in a device's platform or operating system. In such cases, the Cisco EPN Manager bug will be resolved when the hardware/operating system bug is resolved.

Procedure

Step 1

Log into the Bug Search Tool.

- a) Go to <https://tools.cisco.com/bugsearch/>.
- b) At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**.

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

To list all bugs for this version, click the **Select from list** hyperlink that is next to the **Product** field and select the product.

- a) Choose **Cloud and Systems Management > Routing and Switching Management > Cisco Evolved Programmable Network (EPN) Manager** and then select the required product version.
- b) When the results are displayed, use the **filter and sort** tools to find bugs according to their status, severity, how recently they were modified, if any support cases are associated with them, and so forth.

You can also search using bug IDs or keywords. For more information, click **Help** at the top right of the **Bug Search** page.

Related Documentation

For a list of all documentation available for Cisco EPN Manager 6.1.0, see the *Cisco Evolved Programmable Network Manager 6.1 Documentation Overview*.

Accessibility Features in Cisco EPN Manager 6.1.0

For a list of accessibility features in Cisco EPN Manager 6.1.0, contact accessibility@cisco.com.

All product documents are accessible. 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](#).

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.

