



# Release Notes for Cisco Prime Network Control System (WAN) 1.1

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## Introduction

Cisco Prime NCS (WAN) provides lifecycle management of Cisco routers and switches, simplifying the configuration, administration, monitoring, and troubleshooting of these devices. Cisco Prime NCS (WAN) helps deploy and manage Cisco Borderless Network architectures and services with a focus on WAN and multi-service branch networks.

For detailed information on Cisco Prime Network Control System (WAN) features, see the [Cisco Prime Network Control System \(WAN\) 1.1 User Guide](#).

For information on prerequisite, system requirements, and installation, see the [Cisco Prime Network Control System \(WAN\) 1.1 Quick Start Guide](#).



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# New Features and Enhancements

The following topics describe new features and enhancements in Cisco Prime NCS (WAN) 1.1:

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## Importing Sites in Bulk

You can create a set of sites in a spreadsheet and import them all into Cisco Prime NCS (WAN) at one time. This can be useful if your organization has a large or complex set of campuses and buildings.

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- Step 1** Select **Operate > Device Work Center**.
- Step 2** In the menu, click **Bulk**.
- Step 3** Click the link to download a site import template file, then click **Close**.
- The CSV sample contains all the fields that must be contained in your imported file, and a self-explanatory sample entry. You can edit this file with any spreadsheet application that reads CSV files.
- Step 4** Prepare your site import file using a copy of the template. Be sure to save the site import file in CSV format.
- Step 5** When your site import file is ready: Select **Operate > Device Work Center**, and click **Bulk**.
- Step 6** Select **Site**, then click **Browse** to navigate to your site import file and select it.
- Step 7** Click **Import**. Cisco Prime NCS (WAN) displays the status of the import job in a popup. To see job details, click on the link in the popup, or choose **Tools Task Manager > Jobs Dashboard**.
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## Tuning OVA Settings

As indicated in the [Cisco Network Control System 1.1 Quick Start Guide](#), the Cisco Prime NCS (WAN) virtual appliance (OVA) comes in several different sizes. These OVAs are designed to accommodate a variety of traffic data volumes and server configurations. They are also flexible, in that users can adjust them to suit server resources. For example, you can install the Small OVA, and run it at the Small OVA performance level. You can later adjust the number of virtual CPUs, total memory and disk space allocated to the OVA, so that it provides the performance of the Large or Extra Large OVA performance.

After modifying the virtual appliance, you will need restart it. Select **Administration > Setting > Appliance Status** to inspect the settings Cisco Prime NCS (WAN) is currently using.

To modify the OVA settings:

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- Step 1** Shutdown Cisco Prime NCS (WAN) and the virtual appliance, as follows:
- a. Log in to the virtual appliance using the administrative username and password you specified when you installed Cisco Prime NCS (WAN) (e.g., `admin admin`).
  - b. At the command line, shut down the application: `admin# ncs stop`

- c. At the command line, halt the virtual appliance: `admin#halt`.
- Step 2** In the VMWare Vsphere client, right click the virtual appliance on which you run Cisco Prime NCS (WAN). Select **Edit Settings**. The Vsphere client displays Virtual Machine Properties for the selected virtual appliance. If the **Hardware** tab is not already displayed, select it.
- Step 3** To modify the memory settings:
  - a. Select **Memory**.
  - b. Adjust the **Memory Size** value as needed.
- Step 4** To modify the CPU settings:
  - a. Select **CPUs**.
  - b. Select a new **Number of Virtual Processors** from the list.
- Step 5** To modify the disk space settings:
  - a. Select **Add** to add a new hard disk resource.
  - b. Select **Hard Disk** as the **Device Type**, then click **Next**.
  - c. Select Create a new virtual disk, then click **Next**.
  - d. Enter the desired **Disk Size** and select the **Location**, then click **Next**.
  - e. At the **Advanced Options** window, click **Next**.
  - f. Click **Finish** to create the new virtual hard disk
- Step 6** When you are finished, click **OK** to apply your changes.
- Step 7** Power on the virtual appliance and restart Cisco Prime NCS (WAN). The system will begin using the newly allocated resources automatically.

## Filtering on Custom Time Frames

Cisco Prime NCS (WAN) dashlets reporting network performance information over a period of time offer a variety of generic time frames to choose from. Users can, for example, choose to see network alarms reported during the past hour, past 24 hours, past day, past month, and so on.

Users can also filter network statistics on custom time frames, selecting any starting and ending date and time they choose. To do so, follow the steps below.

- Step 1** In the dashlet's **Time Frame** field, click the "plus" icon at the right of the field (+).
- Step 2** Click the radio button next to the dropdown From field.
- Step 3** In the **From** field, enter a date (in `mm/dd/yyyy` format), and a time (in `hh:mm AM/PM` format), separated by a space. Alternatively: Click the calendar icon to select a date and time, then click **Save**.
- Step 4** Repeat Step 3 in the **To** field.
- Step 5** Click **OK** to set the custom time frame.
- Step 6** Click **Go** to filter the dashlet data using this custom time frame.

# Open Caveats

Table 1 lists the Open Caveats in the Cisco Prime Network Control System (WAN) 1.1 release.

Click on the identifier to view the impact and workaround for the caveat. This information is displayed in the [Bug Toolkit](#). You can track the status of the open caveats, using the Bug Toolkit.

**Table 1** Open Caveats in Cisco Prime Network Control System (WAN)

Identifier	Description
<a href="#">CSCts43430</a>	The image name for NAM devices is not displayed in the image dashboard.
<a href="#">CSCts98189</a>	You cannot set the “Alert” (Advance Parameter Map option) on ASR devices running Cisco IOS 15.2(01)S.
<a href="#">CSCtu47779</a>	The job count displayed on the Job Dashboard and the number of background jobs does not match.
<a href="#">CSCtu70296</a>	When you choose <b>Design &gt; Configuration Templates &gt; CLI Template</b> , then click Manage Variables, if you enter an incorrect value in for the default value, the Save button is disabled as designed; however, when you correct the value in the field, the Save button does not become enabled.
<a href="#">CSCtu95104</a>	When you choose <b>Operate &gt; Device Work Center</b> , click on an ISR or ASR device on which EIGRP routes are configured, then edit and save one of the EIGRP routes, when you click Preview CLI, the CLI is generated for routes that you did not modify.
<a href="#">CSCtv20615</a>	When you choose <b>Deploy &gt; Configuration Tasks</b> , then select the “View Recent Jobs” option, the most recent job is not displayed.
<a href="#">CSCtv36273</a>	When you configure RIP routing on an ISR or ASR device, you are not prompted to enter an IP address in the IP Network List before you specify and save Passive Interface information.
<a href="#">CSCtw39454</a>	You cannot delete multiple ACL versions in one operation on ISR and ASR devices.
<a href="#">CSCtw45228</a>	The UDI information for the Cisco Prime NCS (WAN) server is not accessible through the CARS CLI command <b>run show udi</b> .
<a href="#">CSCtw46888</a>	Cisco Prime NCS (WAN) allows you to configure Zone Based Firewall (ZBFW) features on a router that does not support firewall. Also, the error message that is displayed while saving the configuration does not convey that the firewall feature is not supported on the router.
<a href="#">CSCtw48017</a>	You cannot select more than 500 devices in the Device Work Center.
<a href="#">CSCtw58106</a>	When you choose <b>Design &gt; Monitoring Template</b> , you cannot filter based on the “Polling Frequency” field in the Metric Parameters table for Device Health and Interface Health.
<a href="#">CSCtw58976</a>	You cannot import a CSV file on the discovery page using Microsoft Internet Explorer 8.0.
<a href="#">CSCtw59983</a>	When you edit a row in the Ping Sweep Discovery settings, you get a duplicate IP address error.
<a href="#">CSCtw62458</a>	When you choose <b>Operate &gt; Alarms and Events</b> , then select a device group that contains more than 1,000 devices, not all alarms belonging to that group are shown.
<a href="#">CSCtx02355</a>	You cannot delete 4 or more EIGRP routes in one operation.
<a href="#">CSCtx10251</a>	When you create or update a specific zone with a specific VRF, you cannot save the VRF changes without assigning an interface to the zone.
<a href="#">CSCtx30163</a>	When you check the “Do not show this message again” box, the confirmation messages continue to be displayed on other pages.
<a href="#">CSCtx33978</a>	The job results page displays devices that are not currently in the domain.
<a href="#">CSCtx40215</a>	Software image distribution does not work with WAAS device type WAE-674-K9.
<a href="#">CSCtx46106</a>	When you enter invalid information in a field, the error notification does not contain enough information explaining what was incorrect or invalid.

**Table 1** Open Caveats in Cisco Prime Network Control System (WAN) (continued)

Identifier	Description
<a href="#">CSCtx47086</a>	You cannot distribute a software image with the “backup running image” option selected on a device whose running image is greater than 64 MB.
<a href="#">CSCtx53401</a>	An “Unresponsive Script” error appears in the Object Selector.
<a href="#">CSCtx57293</a>	The Audit log export has irrelevant data in the CSV file.
<a href="#">CSCtx57309</a>	Not all system jobs are not displayed for a user added to virtual domain.
<a href="#">CSCtx57321</a>	No ports are displayed on the Port Grouping page for users associated to a virtual domain.
<a href="#">CSCtx57341</a>	When you add a device to two virtual domains and then delete the device from one of the virtual domains, the device is deleted from Cisco Prime NCS (WAN).
<a href="#">CSCtx57369</a>	After you create a dynamic group, devices that match the dynamic group’s rule are not automatically added to the device group.
<a href="#">CSCtw59304</a>	Bulk import failure does not show error information in the job details if the failure is caused by CSV format errors.
<a href="#">CSCtx68406</a>	On large-scale systems, the Distribute Image and Location table hangs and the table does not completely load.
<a href="#">CSCtx73575</a>	When you update the zone parameter map, the following error message is displayed: “Can’t configure threat-detection rate if threat-detection basic rate is not configured.”
<a href="#">CSCtx70299</a>	In the Application Visibility feature, when you delete the AV Interface Assignment configuration from the pending deploy list, the change is not reflected in the Cisco Prime NCS (WAN) interface.
<a href="#">CSCtx71229</a>	When you choose <b>Device Work Center &gt; Configuration &gt; Security &gt; ZBFW &gt; Applications</b> , then assign the port to an Application, you might get the following error message “{Submitting data failed: [INVALID:Port number [Port Value] conflicts with the system entry for [Application-Name]]}”. Any configuration on Firewall port application table or Firewall interfaces table does not reflect on the GUI.
<a href="#">CSCtx79161</a>	In the Device Availability Summary dashlet, all devices are included in the device count instead of the device count for the user domain only.
<a href="#">CSCtx79172</a>	When you create discovery settings with SNMPv3 parameters, then edit the SNMPv3 settings, the grid hangs and you are unable to see the results.
<a href="#">CSCtx85974</a>	When you change the following parameters “Max-Incomplete high”, “Max-Incomplete low”, “One-Minute High”, and “One-Minute low” in Zone Based Firewall parameter map screen, you might get an error or warning message.

## Related Documentation

You can access the following additional Cisco Prime NCS (WAN) guides on the [Cisco Prime Network Control System \(WAN\)](#) page on Cisco.com:

- [Cisco Prime Network Control System \(WAN\) 1.1 Quick Start Guide](#)
- [Cisco Prime Network Control System \(WAN\) 1.1 User Guide](#)
- [Open Source Used In Cisco Prime Network Control System \(WAN\) 1.1](#)
- [Cisco Prime Network Control System \(WAN\) 1.1 Release Notes](#) (this document)

# Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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