



# CHAPTER 31

## Managing the Cisco Network Registrar Virtual Appliance

---

This chapter describes how to manage a virtual appliance that is already deployed on a server and how to access the Cisco Network Registrar from the virtual appliance. For details on how to deploy the virtual appliance and configure on first boot, see *Installation Guide for Cisco Network Registrar*.

### Invoking Cisco Network Registrar Virtual Appliance

Do the following to invoke the Cisco Network Registrar virtual appliance:

- Step 1** Open the web browser and access the server with virtual appliance. For example, if default ports were used during the installation, the URLs would be **https://hostname:5480**. The default port for virtual appliance is 5480.



---

**Note** Use **https://hostname:5480** and not http.

---

- Step 2** Choose **I understand the risks** when you get the warning 'This Connection is Untrusted'.
- Step 3** Click **Add Exception** and **Confirm Security Exception** for this page.
- The virtual appliance login page is displayed as in [Figure 31-1](#).

Figure 31-1 Virtual Appliance Login Page

CISCO Cisco Network Registrar

Login

User name:

Password:

Login

Powered by VMware Studio 3110036

- Step 4** Login as root with the password you set during initial bootup. The Cisco Network Registrar virtual appliance home page is displayed (see [Figure 31-2](#)). This page displays the basic information about the Cisco Network Registrar virtual appliance and also has the Reboot and Shut down buttons. To reboot the server, you can click **Reboot** and to shut down the server, click **Shutdown**.

Monitor the Web UI/browser console window and notice that the window remains grayed out during the reboot. It will refresh when the reboot is complete. If you clicked **Shutdown**, start the server after the shutdown. After the server is up, ensure that the browser console can connect to the Cisco Network Registrar virtual appliance.

**Figure 31-2 Cisco Network Registrar Virtual Appliance Home Page**

**CISCO** Cisco Network Registrar

System Network Update Application Home | Hello | Logout user root

Information Time Zone

**System Information**

Vendor: Independent Software Vendor, Inc.  
Appliance Name: Cisco Network Registrar  
Appliance Version: 7.2

Hostname: cnr-rajhutest.cisco.com  
OS Name: CentOS

OVF Environment: Not present

**Actions**

Reboot  
Shutdown

Powered by VMware Studio 3110035

## Modifying Virtual Appliance Configuration

You can modify the virtual appliance configuration after you login. The following are the list of modifications you can make in the Cisco Network Registrar virtual appliance UI:

- [Setting the Time Zone, page 31-4](#)
- [Viewing Network Status, page 31-4](#)
- [Modifying Network Address Settings, page 31-4](#)
- [Configuring Proxy Server, page 31-4](#)
- [Checking Updates, page 31-5](#)
- [Setting Update timings, page 31-5](#)
- [Setting the Repository, page 31-5](#)

## Setting the Time Zone

You can check whether the time zone is set to the zone chosen during the initial configuration in the **Time Zone** tab under **System**.

To set a different time zone, do the following:

- 
- Step 1** Choose the desired time zone from the **System Time Zone** drop-down list.
  - Step 2** Click **Save Settings** to save the changes you made or click **Cancel Settings** to reset to the original value that was configured during the first boot.
- 

## Viewing Network Status

To view the network values entered during the initial setup, go to the **Status** tab under **Network**.

Modifying Network Address Settings

To modify the network address settings, do the following:

- 
- Step 1** To modify the default IP settings, choose the **Use the following IP settings** option in the **Address** tab under **Network**. You can modify the IP Address, Netmask, Gateway, Preferred DNS Server, Alternate DNS Server, or Hostname.
  - Step 2** Click **Save Settings** to save the changes or click **Cancel Settings** to reset to the original value.
- 

## Configuring Proxy Server

To configure a proxy server, do the following:

- 
- Step 1** Check the **Use a proxy server** check box in the **Proxy** tab under **Network** to configure a proxy server. You can now add the Proxy server, Proxy Port, Proxy Username, and Proxy Password. The Proxy Username and Proxy Password values are optional.
  - Step 2** Click **Save Settings** to save the changes or click **Cancel Settings** to reset to the original value.
-

## Checking Updates

To check for the updates available, do the following:

- 
- Step 1** Go to the **Update**. The **Status** tab is displayed by default. Click the **Check Updates** and the appliance will contact a web-site at Cisco and determine if there is a newer version of the Cisco Network Registrar appliance to install. If any updates are available, the page displays the next available appliance version. Click **Install Update** to install the updated version. If no updates are available, the message "No update is available" is displayed in **Status** page.
  - Step 2** If you decide to install the updates, click the **Install Updates** and the appliance will transfer down a new cnr uber-rpm (the rpm built as part of the appliance build which contains the kit-built rpm). This new rpm will be installed, which will replace the files in the /opt/cnr\_7\_2 directory with the files from the new uber-rpm (which will contain the new version of Cisco Network Registrar, e.g., /opt/cnr\_7\_2\_1).
- 

## Setting Update timings

To set the timings for checking the updates available, do the following:

- 
- Step 1** In the **Settings** page under **Update**, check the **Automatic check for updates** check box under **Automatic Updates**. If you want to automate the installing of updates, check the **Automatic check and install updates** check box.
  - Step 2** Schedule a frequency for the updates by selecting the desired day and the time from the drop down list.
  - Step 3** Click **Save Settings** to save the changes or click **Cancel Settings** to reset to the original value.
- Check the Status page under Update to verify the updates if any on that particular day and time. If there are no updates, the message "No update is available" is displayed in **Status** page on the chosen day and time.
- 

## Setting the Repository

To set the repository, do the following:

- 
- Step 1** In the **Settings** page under **Update**, choose **Use Specified Repository** under **Update Repository**.
  - Step 2** Enter the desired link in Repository URL text box.
  - Step 3** Enter the Username and Password (if any) for the URL.
  - Step 4** Click Save Settings button.
- Now the upgraded version of OS and the Cisco Network Registrar will be installed from the specified URL.
-

# Accessing Cisco Network Registrar Application

To access Cisco Network Registrar Web UI from the virtual appliance home page, do the following:

- 
- Step 1** Click the Application Home link on top right corner of this page to access the Cisco Network Registrar Application. This displays the Cisco Network Registrar login page.
  - Step 2** Login to Cisco Network Registrar and the Add Product license page is displayed. Add the product license in this page and the Add Superuser Administrator page is displayed. Configure the username and password in this page and you are ready to work on Cisco Network Registrar.
- 

## Configurations and Restrictions

Cisco supports the Cisco Network Registrar virtual appliance on VMware ESXi 4.x platforms. While the OVF distribution format that we use allows the Cisco Network Registrar virtual appliance to run on a variety of virtualized environments (that is, other than VMware), we do not support any environments other than VMware in this release.