



CHAPTER 68

Manage Control Center

This section explains how to view and change the properties in the Dynamic Component Properties Library (DCPL); how to view status information about a host, servers, the WatchDog, and logs; how to define collection zones; and how to install license keys.

Choose **Administration > Control Center > Hosts** and you go to the default page of **Hosts**, as shown in [Figure 68-1](#).

Figure 68-1 *Control Center > Hosts*

#	Name	Server	Start Time	Stop Time	Running
1	☐ rmtg-sunfire-v210-3	Master	Feb 15 11:44:47 PM PST	UNKNOWN	Yes

From **Administration > Control Center > Hosts**, you have the following choices:

- [Hosts, page 68-1](#)—**Hosts** allows you to manage the various servers.
- [Licensing, page 68-6](#)—**Licensing** is where you install license keys, which is the only way to access services and APIs.

Hosts

Choose **Administration > Control Center > Hosts**.

A window as shown in [Figure 68-1](#) appears.



Note

Only the **Logs** buttons are enabled by default when there is no host selected. When the host is selected by checking the check box, the Logs buttons is disabled and the other buttons are enabled.

Click any of the buttons and proceed as follows:

- [Details, page 68-2](#)—Available only when the host system is chosen.
- [Config, page 68-2](#)—Available only when the host system is chosen.
- [Servers, page 68-4](#)—Available only when the host system is chosen.
- [Watchdog, page 68-5](#)—Available only when the host system is chosen.

- [Logs, page 68-5](#)—Available only when no host system selection is made.

Details

For details about a chosen host, follow these steps:

- Step 1** Choose a host by checking the check box to the left of the hostname and then click the **Details** button. You receive a window as shown in [Figure 68-2](#). This shows the details about the chosen host.

Figure 68-2 Host Details

Host Details

Host: nmtg-sunfire-v210-3

General	
Active:	Yes
Image:	schemaVer:isc6.1-79
	6.1-20110215.79
Registered Date:	Feb 15 11:44:47 PST
UnRegistered Date:	
Install Location:	/opt/prime-fulfillment-redbull-solaris-79
Install Time:	2011-02-15 23:42:42.102
Locations	
Server Logs:	/opt/prime-fulfillment-redbull-solaris-79/tmp
Task Logs:	/opt/prime-fulfillment-redbull-solaris-79/Repository
Temporary:	/opt/prime-fulfillment-redbull-solaris-79/tmp
Disk Stats	
Path:	/opt/prime-fulfillment-redbull-solaris-79/Repository
Total Disk Space:	41661018 MB
Free Disk Space:	14184008 MB; 34 % Free
Path:	/opt/prime-fulfillment-redbull-solaris-79/tmp
Total Disk Space:	41661018 MB
Free Disk Space:	14184008 MB; 34 % Free
Health Stats	
Last Heartbeat:	
Last Heartbeat Status:	
Last Heartbeat Duration:	

OK

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- Step 2** Click **OK** and you return to [Figure 68-1](#).

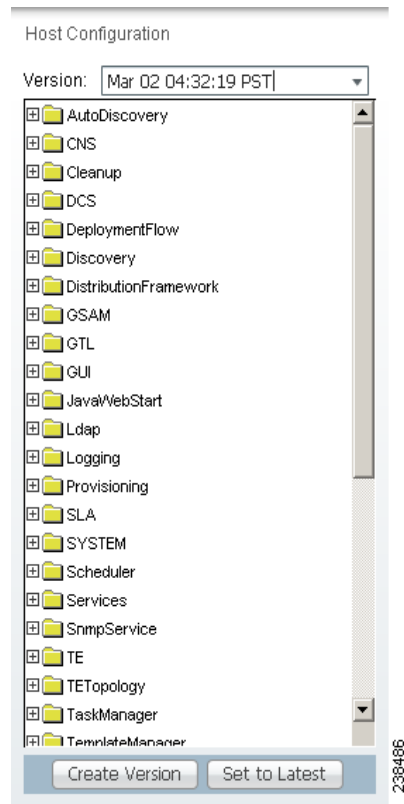
Config

To view or change the Dynamic Component Properties Library (DCPL) properties, follow these steps:

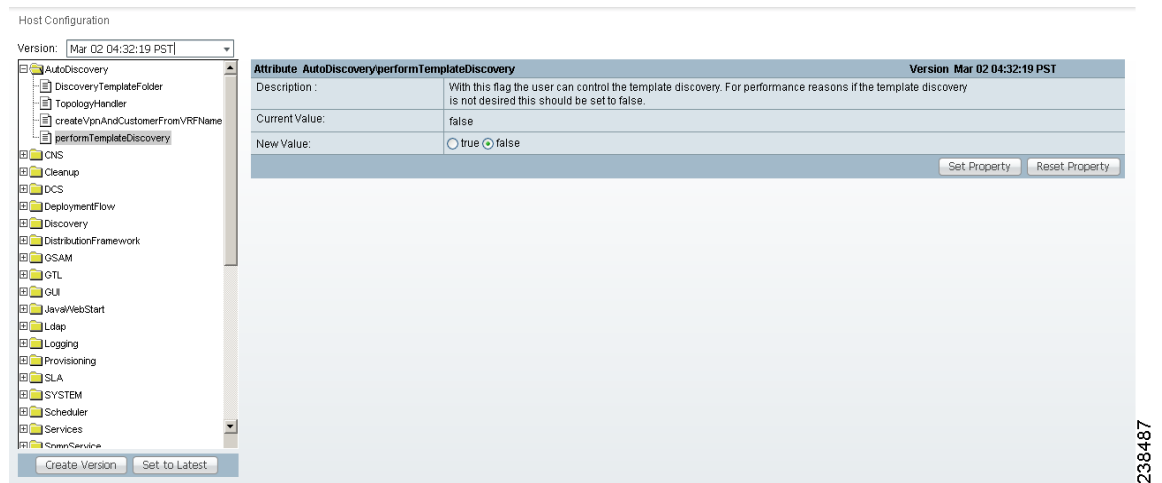
- Step 1** From [Figure 68-1](#), check a check box next to a hostname for which you want to know the existing properties and then click the **Config** button.

A window as shown in [Figure 68-3](#), appears. It is a list of all the folders with all the properties. See [Appendix B, “Property Settings”](#) for a list of all the properties with explanations, defaults, and ranges/rules. If you do not know the property name, you can use a key word and do a Find on the pdf version of this appendix.

Figure 68-3 Properties



- Step 2** Click the + sign to expand each folder.
The result could be more subfolders and the final level is the property name.
- Step 3** Position the mouse over the folder or property name and you see a description.
- Step 4** Click on an entry to get details and instructions on how to change the value, as shown in the example in [Figure 68-4](#).

Figure 68-4 Properties Detail Example

- Step 5** For each property that can be modified, you can modify the value and click **Set Property**. If when making your modifications, you want to return to the previous settings, click **Reset Property**.
- Step 6** After making all the changes you choose in each of the specific properties, you can click **Create Version** to create a new version of these properties. This feature gives you the option of saving multiple property sets for future use.
- Step 7** To view the values of previous versions of property sets, click the drop-down list in **Version** and select any version you choose.
- Step 8** When you click **Set to Latest** after selecting a version in [Step 7](#), this version is dated as the most current.
- Step 9** To return, click to the navigation path you want to use next.

Servers

To view the status information about the servers, follow these steps:

- Step 1** From [Figure 68-1 on page 68-1](#), check a check box next to a hostname for which you want to know the server statistics and then click the **Servers** button.
- A window as shown in [Figure 68-5](#), appears.

Figure 68-5 Servers

#	☐ Name	State	Generation	Start Time	PID	Successful Heartbeats	Missed Heartbeats
1	☐ nspoller	started	1	Feb 16 01:10:31 PM GMT	0	1235	0
2	☐ dbpoller	started	1	Feb 16 01:10:31 PM GMT	0	1233	0
3	☐ httpd	started	1	Feb 16 01:10:37 PM GMT	0	1217	0
4	☐ scheduler	started	1	Feb 16 01:13:43 PM GMT	0	1224	0
5	☐ rgserver	disabled	10	Feb 16 01:19:57 PM GMT	0	0	0
6	☐ worker	started	1	Feb 16 01:10:37 PM GMT	0	1222	0
7	☐ cnsserver	started	1	Feb 16 01:10:37 PM GMT	0	1222	0
8	☐ discovery	started	1	Feb 16 01:10:37 PM GMT	0	1218	0
9	☐ lockmanager	started	1	Feb 16 01:10:37 PM GMT	0	1233	0
10	☐ dispatcher	started	1	Feb 16 01:10:37 PM GMT	0	1227	0

Showing 1 - 10 of 10 records

Rows per page: 10

Page 1 of 1

Start Stop Restart Logs OK

- Step 2** Check any one check box next to the server you want to address and you have access to **Start**, **Stop**, **Restart**, and **Logs**. When you click on a specific server name or the Logs button, you get a list of server logs. If you then click on the log name for which you want details, the log viewer appears. You can filter this information in the log viewer. After you complete the task of your choice, you return to [Figure 68-5](#).
- Step 3** You can click a different server and click the button for the process of your choice. Or you can unclick the server choice and click **OK**.
- Step 4** After you click **OK** in [Figure 68-5](#), you return to [Figure 68-1 on page 68-1](#).

Watchdog

To view the log information about WatchDog, follow these steps:

- Step 1** From [Figure 68-1 on page 68-1](#), check a check box next to a hostname for which you want to know the WatchDog logs and then click the **Watchdog** button.
- A window as shown in [Figure 68-6](#), “**WatchDog Logs**,” appears.

Figure 68-6 WatchDog Logs

Log Details		
Name	Size	Last Modified
watchdog.1	2000071	Thursday, February 17, 2011 10:19:20 PM GMT
watchdog.0	925889	Friday, February 18, 2011 6:04:26 AM GMT

OK

- Step 2** Click on a specific WatchDog log name in the **Name** column to get the contents of that log. You can filter the information in this log. Click **OK** to return to [Figure 68-6](#).
- Step 3** You can repeat the process in [Step 2](#) or click **OK** to return to [Figure 68-1 on page 68-1](#).

Logs

To view install and uninstall logs for the Master server, follow these steps:

- Step 1

From [Figure 68-1 on page 68-1](#), be sure that no check boxes are checked.
- Step 2

Click the **Logs** drop-down list and select **Install** or **Uninstall**.
The window that appears is the log of installations or uninstallations, dependent on your selection in [Step 2](#).
- Step 3

Click the link in the **Name** column to view the detailed log information.
- Step 4

Click **OK** to return to the window in .
- Step 5

Click **OK** again to return to [Figure 68-1 on page 68-1](#).

Licensing

Choose **Administration > Control Center > Licensing**.
To install license keys, follow these steps:

- Step 1

Choose **Administration > Control Center > Licensing**, and a window as shown in [Figure 68-7](#), appears.

Figure 68-7 Choose Administration > Control Center > Licensing

Licensing

Installed Licenses			
Type	Size	Usage	Date Updated
ACTIVATION	50000		2011-02-18 05:13
API-L2VPN			2011-02-18 05:13
API-L3MPLS			2011-02-18 05:13
API-SEC			2011-02-18 05:13
FIREWALL			2011-02-18 05:13
IPSEC			2011-02-18 05:13
L2VPN			2011-02-18 05:13
L3MPLS/VPN			2011-02-18 05:13
MPLSDIAG			2011-02-18 05:13
NAT			2011-02-18 05:13
QOS			2011-02-18 05:13
TE	150		2011-02-18 05:13
TE/BRG			2011-02-18 05:13
TE/RG			2011-02-18 05:13
VPLS			2011-02-18 05:13
VPN	Unlimited		2011-02-18 05:13

RefreshInstall

- Step 2** From the **Installed Licenses** table, click the **Install** button, as shown in [Figure 68-7](#). The Installed Licenses table explains the current statistics. The columns of information tell the **Type** of license keys you have installed (which can include ACTIVATION, API-L2VPN, API-L3MPLS, L2VPN, L3MPLS/VPN, MPLSDIAG, TE, TE/BRG, TE/RG, VPLS, VPN); the **Size**, which is valid for the **ACTIVATION** (licensed maximum global count of services), **TE** (number of TE-enabled nodes), or the **VPN** (maximum number of VPNs licensed); the **Usage**, which gives the number currently used for the rows; and the **Date Updated**, which reflects the refresh of the license usage (on an hourly basis, by default).

**Note**

When you purchase Traffic Engineering Management (TEM), you automatically receive **TE**, **TE/BRG**, and **TE/RG** licenses. All of these licenses *must* be installed to have access to all the Cisco Prime Fulfillment TEM features, including Planning Tools for protection planning (backup tunnels). The **TE** license serves as an activation license for the maximum number of TE-enabled nodes to be managed by TEM (you purchase licenses and upgrade licenses based on a range of nodes); the **TE/RG** license enables primary tunnel placement; and the **TE/BRG** license enables the Fast ReRoute (FRR) protection function.

**Note**

Click **Refresh** to give the most current status.

- Step 3** In the resulting window, as shown in [Figure 68-8](#), “Enter License Key,” enter a **License Key** that you received on your *Right to Use* paperwork with your product.

Figure 68-8 Enter License Key

The screenshot shows a web-based dialog box titled "Install License Keys". Inside the dialog, there is a section labeled "License Keys" which contains a large, empty text input area. Below the input area, there are two buttons: "Save" and "Cancel". At the bottom of the dialog, a small note reads "Note: * - Required Field". The dialog box is set against a light gray background.

- Step 4** Click **Save**.
- Your newly installed license appears in an updated version of the Installed License table, as shown in [Figure 68-7](#).
- Step 5** Repeat [Step 2](#), [Step 3](#), and [Step 4](#) for each of the *Right to Use* documents shipped with your product.

**Note**

When you receive multiple *Right to Use* documents to upgrade either the ACTIVATION License, which activates and sets the maximum global count of the services, or VPN licenses, which activates and set the maximum number of VPNs, be sure to enter the licenses in the correct order. For example, if you are upgrading from 500 to 3000 global count of the services and there are two steps to get there, enter the license to upgrade from 500 to 1500 and then the license key to upgrade from 1500 to 3000.
