Sun Cobalt™ Control Station

Appliance Inventory Module



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Appliance Inventory Module

This document explains the features and services available through the Appliance Inventory control module. This module allows you to

- view a summary of the inventory of hardware components in an appliance or group of appliances
- update the inventory of hardware components in an appliance or group of appliances



Note: In most of the short procedures in this chapter, the first step is to click the **Control Modules** tab in the top menu bar and the second step is to click on a selection from the left menu bar.

To reduce the number of steps in each procedure, the menu commands are grouped together and shown in **bold** type face. Right angle brackets separate the individual items.

For example, select **Control Modules > Appliance Inventory > Summary** means to click the **Control Modules** tab in the top menu bar, click the **Appliance Inventory** menu category in the left menu bar and finally click the **Summary** sub-menu item.

Progress bar

When you execute a task in the control modules, a progress bar displays the status of the task. You do not have to wait until the task is completed before performing another operation on the control station. You can select other commands or menu items on the Server Desktop UI while the task continues in the background.

Appliance Inventory screen

When you click the **Appliance Inventory** menu item on the left, the sub-menu items allow you to view a summary of the inventory of hardware components or update the inventory of hardware components in selected managed appliances.

The sub-menu items are:

- Summary (see “Summary” on page 2)
- Update (see “Update” on page 5)

Selector window

For more information on how the selector window works, see “Selector window” in Chapter 3 of the PDF *Administrator Manual*.

Summary

The **Summary** sub-menu item displays a summary of the inventory of hardware components in selected managed appliances.

When you click on the **Summary** sub-menu item, the selector appears, displaying the groups and the appliances within each group.

Viewing the inventory data

To view the inventory of hardware components in a managed appliance:

1. Select **Control Modules > Appliance Inventory > Summary**. The selector appears, displaying the list of managed appliances.
2. Click to highlight an appliance(s). You can also click **Select all** at the top to choose all appliances in the list.
3. Click **View** in the bottom right corner. The "Managed Appliance Inventory" table appears; see Figure 1.
4. This table contains the following columns:
   - **IP address** of the managed appliance
   - **Host name** of the managed appliance
   - **Class** (type of appliance)
   - **CPUs** (the number of central processing units [CPUs] in the appliance)
   - **MHz** (the speed of the CPU clock, measured in megahertz)
   - **RAM (MB)** (the number of megabytes [MBs] of memory installed in the appliance)
   - **NICs** (the number of network interface cards [NICs] installed in the appliance)
   - **Drives** (the number of hard disk drives installed in the appliance)
   - **Capacity (GB)** (the total capacity of the hard disk drives, measured in gigabytes [GBs])
   - **Details**. Click to view more details about the appliance's components. A number of information tables appear. See Figure 2.

Figure 1. Managed Appliance Inventory table

Update

Managed Appliance Inventory

3 Entries

IP Address	Host Name	Class	CPU's	MHz	RAM (MB)	NIC's	Drives	Capacity (GB)	Detail
10.9.24.118	10.9.24.118	CacheRaQ 4	1	448	256	2	1	18.52	
10.9.32.109	10.9.32.109	RaQ 4	1	448	512	2	1	27.36	
10.9.33.230	10.9.33.230	Qube 3	1	298	64	2	1	11.75	

Figure 2. Detailed Inventory tables

Back

Appliance Details

IP Address	10.9.24.118
Host name	10.9.24.118
Build Class	CacheRaQ 4
Kernel	Linux
Version	2.2.16C27_III

System Memory

Installed RAM (MB)	256
Swap space (MB)	128

CPU

CPU Number	0
Name	AuthenticAMD
Model	AMD-K6(tm)-III Processor
CPU speed (MHz)	448

Network Interface Cards

2 Entries

Ethernet number	IP Address	Host Name	MAC Address
0	10.9.24.118	bmula8	00:10:E0:03:40:15
1	0.0.0.0		00:10:E0:03:3F:4E

Disks

1 Entry

Device name	Partitions	Capacity (MB)
hda	3	18963

Filesystems

3 Entries

Device name	Partition	Capacity (MB)	Mount Point
hda	4	18013	/home
hda	1	750	/
hda	3	200	/var

Update button

When the “Managed Appliance Inventory” table is on the screen, you can update the inventory of hardware components in the appliance(s) displayed in the table by clicking the **Update** button above the table. See Figure 1.

The “Update Progress” table appears. This table has a Status field indicating the current status of the Update operation and a progress bar. When the progress bar displays 100%, the performance data has been updated.

To view the list of events associated to updating the inventory data, click **View Events** below the progress bar. The “Events” table appears.

To view the updated inventory data for the appliance(s), click **Done** below the progress bar. The “Managed Appliance Inventory” table appears.

Update

The **Update** sub-menu item allows you to update the inventory of hardware components in a managed appliance.

When you click on the **Update** sub-menu item, the selector appears, displaying the groups and the appliances within each group.



Note: You can also update the inventory data from the "Managed Appliance Inventory" table; see "Update button" on page 4.

Updating the inventory data

To update the inventory of hardware components in a managed appliance:

1. Select **Control Modules > Appliance Inventory> Update**. The selector appears, displaying the list of managed appliances.
2. Click to highlight an appliance(s). You can also click **Select all** at the top to choose all appliances in the list.
3. Click **Update** in the bottom right corner. The "Update Progress" table appears.

   This table has a Status field indicating the current status of the Update operation and a progress bar. When the progress bar displays 100%, the performance data has been updated.

   To view the list of events associated to updating the inventory data, click **View Events** below the progress bar. The "Events" table appears.

   To view the updated inventory data for the appliance(s), click **Done** below the progress bar. The "Managed Appliance Inventory" table appears.