Sun Cobalt™ Control Station

Performance Module



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Part Number / Numéro de pièce : 070-00366-01
Date : 11-2001

Performance Module

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

- view a summary of the performance data for an appliance or group of appliances
- update the performance data for an 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 > Performance > Summary** means to click the **Control Modules** tab in the top menu bar, click the **Performance** 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.

Performance screen

When you click the **Performance** menu item on the left, the sub-menu items allow you to view a summary of the performance data for managed appliances or update the performance data for the 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 the performance data for 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 performance data

To view a summary of the performance data for a managed appliance:

1. Select **Control Modules > Performance > 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 Performance" 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)
   - **Updated** (the date and time this information was last updated)
   - **Uptime** (the amount of time since the last reboot of the appliance, in days and hours)
   - **Load average** at the most recent performance update
   - **RAM %** (the percentage of RAM in use)
   - **Swap %** (the percentage of swap space in use)
   - **Disk %** (the percentage of disk space in use)
   - **Details**. Click to view more details about the appliance's performance. A number of information tables appear. See Figure 2.

Figure 1 shows the "Performance" table.

Figure 1. Managed Appliance Performance table

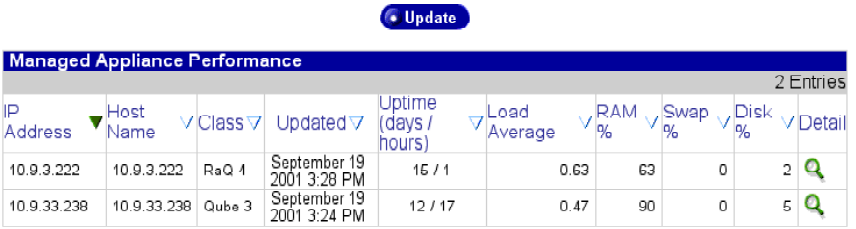
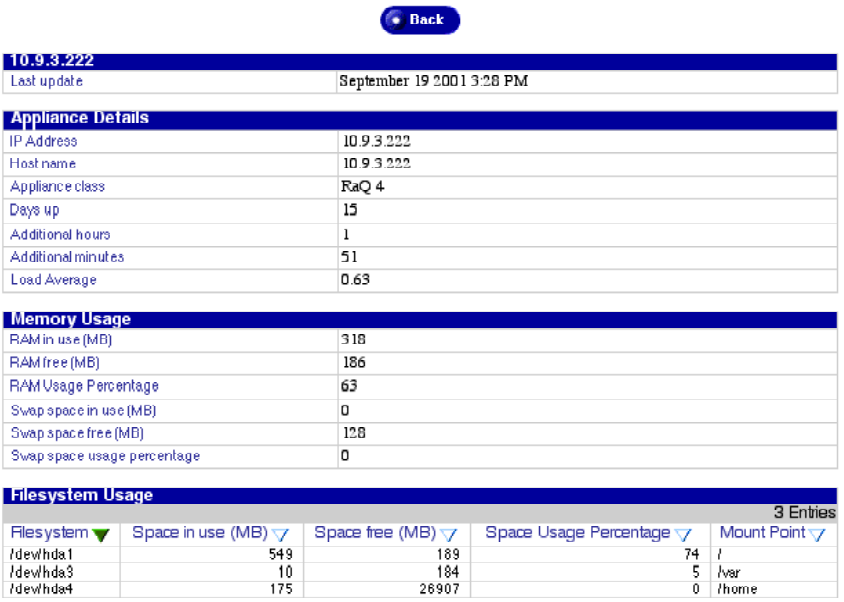


Figure 2. Detailed Performance tables



Update button

When the “Managed Appliance Performance” table is on the screen, you can update the performance data for 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 performance data, click **View Events** below the progress bar. The “Events” table appears.

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

Update

The **Update** sub-menu item allows you to update the performance data for selected managed appliances.

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 performance data from the "Managed Appliance Performance" table; see "Update button" on page 4.

Updating the performance data

To update the performance data for a managed appliance:

1. Select **Control Modules > Performance > 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 performance data, click **View Events** below the progress bar. The "Events" table appears.

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