



# Sun Control Station

---

## Inventory Module

Sun Microsystems, Inc.  
[www.sun.com](http://www.sun.com)

Part No. 817-3608-10  
September 2003, [Revision A](#)

Submit comments about this document at: <http://www.sun.com/hwdocs/feedback>

Copyright 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more of the U.S. patents listed at <http://www.sun.com/patents> and one or more additional patents or pending patent applications in the U.S. and in other countries.

This document and the product to which it pertains are distributed under licenses restricting their use, copying, distribution and decompilation. No part of the product or of this document may be reproduced in any form by any means without prior written authorization of Sun and its licensors, if any.

Third-party software, including font technology, is copyrighted and licensed from Sun suppliers.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and in other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, Java, JavaServer Pages, JSP, JumpStart, Netra, Solaris, Sun Cobalt, Sun Cobalt RaQ, Sun Cobalt CacheRaQ, Sun Cobalt Qube, Sun Fire and Ultra are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and in other countries.

All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and in other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

Netscape and Mozilla are trademarks or registered trademarks of Netscape Communications Corporation in the United States and other countries.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

U.S. Government Rights—Commercial use. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

---

Copyright 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, États-Unis. Tous droits réservés.

Sun Microsystems, Inc. a les droits de propriété intellectuelle relatants à la technologie qui est décrite dans ce document. En particulier, et sans la limitation, ces droits de propriété intellectuelle peuvent inclure un ou plus des brevets américains énumérés à <http://www.sun.com/patents> et un ou les brevets plus supplémentaires ou les applications de brevet en attente dans les États-Unis et dans les autres pays.

Ce produit ou document est protégé par un copyright et distribué avec des licences qui en restreignent l'utilisation, la copie, la distribution et la décompilation. Aucune partie de ce produit ou document ne peut être reproduite sous aucune forme, par quelque moyen que ce soit, sans l'autorisation préalable et écrite de Sun et de ses bailleurs de licence, s'il y en a.

Le logiciel détenu par des tiers, et qui comprend la technologie relative aux polices de caractères, est protégé par un copyright et licencié par des fournisseurs de Sun.

Des parties de ce produit pourront être dérivées des systèmes Berkeley BSD licenciés par l'Université de Californie. UNIX est une marque déposée aux États-Unis et dans d'autres pays et licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, Java, JavaServer Pages, JSP, JumpStart, Netra, Solaris, Sun Cobalt, Sun Cobalt RaQ, Sun Cobalt CacheRaQ, Sun Cobalt Qube, Sun Fire et Ultra sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux États-Unis et dans d'autres pays.

Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux États-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

Netscape et Mozilla sont des marques de Netscape Communications Corporation aux États-Unis et dans d'autres pays.

L'interface d'utilisation graphique OPEN LOOK et Sun a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciées de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui en outre se conforment aux licences écrites de Sun.

LA DOCUMENTATION EST FOURNIE «EN L'ÉTAT» ET TOUTES AUTRES CONDITIONS, DÉCLARATIONS ET GARANTIES EXPRESSES OU TACITES SONT FORMELLEMENT EXCLUES, DANS LA MESURE AUTORISÉE PAR LA LOI APPLICABLE, Y COMPRIS NOTAMMENT TOUTE GARANTIE IMPLICITE RELATIVE À LA QUALITÉ MARCHANDE, À L'APTITUDE À UNE UTILISATION PARTICULIÈRE OU À L'ABSENCE DE CONTREFAÇON.



# Inventory Module

---

The Inventory control module on the Sun™ Control Station allows you to keep track of the hardware components in your managed hosts. This document explains the features and services available through the Inventory control module.

This module allows you to:

- view a summary of the inventory of hardware components in a host or group of hosts
- update the inventory of hardware components in a host or group of hosts

---

**Note** – In most of the short procedures in this chapter, the first step is to click the Inventory item in the left menu bar and the second step is to click on a sub-menu item.

To reduce the number of steps in each procedure, the menu commands are grouped together and shown in Initial Caps. Right-angle brackets separate the individual items.

For example, select Inventory > Summary means to click Inventory in the left menu bar and then click the Summary sub-menu item.

---

# Task Progress dialog

When you launch a task (for example, updating the inventory information for a managed host), a Task Progress dialog appears in the user interface (UI). This dialog has a Status field indicating the current status of the task and a progress bar. When the progress bar displays 100%, the task has completed.

If you want to perform another task in the UI while the current task is underway, you can put the Task Progress dialog in the background. Simply click the button labelled Run Task In Background below the progress bar.

To return to the Task Progress dialog, select Administration > Tasks on the left. The Task table appears. If the task is still underway, a status message is displayed in the Duration column. Click on the *progress-bar* icon in this column to re-display the Task Progress dialog for this task.

Once the task is complete and the progress bar displays 100%, two buttons appear below the Task Progress dialog: Done and View Events.

- To view the list of events associated with the task just completed, click View Events. The Events For <Task> table appears. If you then click the *up-arrow* icon in the top-right corner, the Tasks table appears.
- To return to the previous screen, click Done.

# Schedule

The Schedule feature (also referred to as the Scheduler) allows you to schedule a task or tasks to be performed at a later time.

If a task can be scheduled by the Sun Control Station, a button labelled Schedule appears in the table or selector window of the final step.

The Scheduler works in the same way for any task:

- 1. Fill in the necessary fields for the task.**

- 2. Click Schedule.**

The Schedule Settings For <Task> table appears.

- 3. Configure the schedule settings.**

For some functions, you can set the frequency of the task with a pull-down menu above the table (for example, hourly or daily).

You can also enter an email address of the person who will be notified when the scheduled task begins or finishes, or both.

- 4. Click Save.**

The scheduled task then appears in the Scheduled Tasks table under Administer > Schedule.

- 5. In this table, you can view details for, modify or delete a scheduled task.**

To view the details of a scheduled task, click the *magnifying-glass* icon.

To modify a scheduled task, click the *pencil* icon.

To delete a scheduled task, click the *delete* icon.

---

## Inventory screen

When you click the 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 hosts.

The sub-menu items are:

- Summary (see “Summary” on page 4)
- Update (see “Update” on page 7)

## 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 hosts.

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

## Viewing the inventory data

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

1. **Select Inventory > Summary.**

The selector appears, displaying the list of managed hosts.

2. **Click to highlight a host(s). You can also click Select All at the top to choose all hosts in the list.**

3. **Click View Summary in the bottom right corner.**

The Inventory Summary table appears; see FIGURE 1 for a sample.

4. **This table contains the following columns:**

- Host Name: host name of the managed host
- Type: type of host (if available)
- CPUs: the number of central processing units (CPUs) in the host
- MHz: the speed of the CPU clock, measured in megahertz (MHz)
- RAM: the number of megabytes (MBs) of memory installed in the host
- NICs: the number of network interface cards (NICs) installed in the host
- Drives: the number of hard disk drives installed in the host
- Capacity: the total capacity of the hard disk drives, measured in gigabytes (GBs)
- Details: Click the *magnifying-glass* icon to view more details about the host's components. A number of information tables appear. FIGURE 2 shows a sample of some of the tables.

FIGURE 1 shows a sample of the Inventory Summary table; FIGURE 2 shows a sample of some of the Detailed Inventory tables.

## Update button

When the Inventory Summary table is on the screen, you can update the inventory of hardware components in the host(s) displayed in the table by clicking the Update Now button below the table. See FIGURE 1.

For more information on the Update function, see “Update” on page 7.

Inventory Summary								
IP Address	Type	CPUs	CPU(MHz)	RAM(MB)	NICs	Drives	Capacity(GB)	Actions
10.6.75.170	Netra T1120-1125 [S9]	2	440	512	1	1	15.59	
10.6.75.171	Netra T1120-1125 [S8]	2	440	2048	1	1	32.87	
10.6.76.200	x86 Red Hat 7.3	2	1396	2048	2	1	31.34	

[Update Now](#)

FIGURE 1 Inventory Summary table

System Memory	
Installed RAM (MB)	2048
Swap space (MB)	2188

  

CPU				
CPU Number	Name	Model	MHz	Cache KB
0	SPARC	sparcv9	440	0
2	SPARC	sparcv9	440	0

  

Network Interface Cards			
Ethernet number	IP Address	Host Name	MAC Address
0	10.6.75.171	scs-t1125-02	8:0:20:c8:c0:94

  

Disks		
Device name	Partitions	Capacity (MB)
c0t0d0	2	33658.0

  

Filesystems			
Device name	Partition	Size (MB)	Mount Point
c0t0d0	0	1597	/
c0t0d0	7	32061	/export/home

FIGURE 2 Detailed Inventory tables



# Update

The Update sub-menu item allows you to retrieve the most recent inventory data on hardware components from selected managed hosts.

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

## Updating the inventory data

To retrieve the most recent inventory data from a managed host:

- 1. Select Inventory > Update.**

The selector appears, displaying the list of managed hosts.

- 2. Click to highlight a host(s). You can also click Select All at the top to choose all hosts in the list.**

- 3. Click Update Now in the bottom-right corner.**

The Task Progress dialog appears.

---

**Note** – You can also schedule the updating of the inventory information for a later time. For more information, see “Schedule” on page 3.

---

