



Sun Management Center Change Manager 1.0 Release Notes

Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054
U.S.A.

Part No: 817-0575-10
October 2002

Copyright 2002 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. All rights reserved.

This product or document is protected by copyright and distributed under licenses restricting its use, copying, distribution, and decompilation. No part of this product or 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 other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, Solaris, SunSolve, and docs.sun.com are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc. Oracle is a registered trademark of Oracle Corporation. Netscape is a trademark or registered trademark 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.

Federal Acquisitions: Commercial Software—Government Users Subject to Standard License Terms and Conditions.

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 2002 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. Tous droits réservés

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 du système Berkeley BSD licenciés par l'Université de Californie. UNIX est une marque déposée aux Etats-Unis et dans d'autres pays et licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, Solaris, SunSolve, et docs.sun.com sont des marques de fabrique ou des marques déposées, ou marques de service, de Sun Microsystems, Inc. aux Etats-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 Etats-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc. ORACLE est une marque déposée registre de Oracle Corporation. Netscape est une marque de Netscape Communications Corporation aux Etats-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 licenciés de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui en outre se conforment aux licences écrites de Sun.

CETTE PUBLICATION EST FOURNIE "EN L'ETAT" ET AUCUNE GARANTIE, EXPRESSE OU IMPLICITE, N'EST ACCORDEE, Y COMPRIS DES GARANTIES CONCERNANT LA VALEUR MARCHANDE, L'APTITUDE DE LA PUBLICATION A REPOUDRE A UNE UTILISATION PARTICULIERE, OU LE FAIT QU'ELLE NE SOIT PAS CONTREFAISANTE DE PRODUIT DE TIERS. CE DENI DE GARANTIE NE S'APPLIQUERAIT PAS, DANS LA MESURE OU IL SERAIT TENU JURIDIQUEMENT NUL ET NON AVENU.



021015 @ 4660



Contents

Preface	5
1 Sun Management Center Change Manager 1.0 Release Notes	7
Installing the Change Manager Server	7
Installing Change Manager Software on a New Server	7
Installing Change Manager Software on an Existing Sun Management Center Server	8
Obtaining Troubleshooting Information	8
Accessing Change Manager Documentation	8
2 Change Manager Installation Issues	9
patchadd -p Displays PatchArrElem Error on Solaris 8	9
3 Change Manager Runtime Issues	11
Caution Regarding Live Upgrade	11
Caution Regarding Add-On Agent Modules	11
Re-Initializing the Change Manager Database	12

Preface

These release notes contain release information for the Sun™ Management Center Change Manager software product, referred to as Change Manager.

Who Should Use This Book

This book is intended for anyone responsible for performing one or more of these Change Manager operations:

- Installing the Change Manager software on the Change Manager server
- Managing deployment objects and audit objects in the Change Manager repository
- Managing hosts on the Change Manager server
- Creating the Solaris™ Flash archives for use with the Change Manager
- Deploying software stacks to managed hosts
- Auditing software on managed hosts

Related Books

- *Sun Management Center Change Manager 1.0 Administration Guide*
Read this book for information about installing the Change Manager server. The administration guide also provides instructions on creating customizable Solaris Flash archives, deploying software to systems, auditing systems, and monitoring jobs running on systems.
- *Sun Management Center Change Manager 1.0 Reference Manual*
Read this book to see the Change Manager man pages.

- *Solaris 9 Installation Guide*
Read this book for more detailed information about installing Solaris software. In particular, read the chapters that cover custom JumpStart™ installation, Solaris Flash installation, and Solaris Live Upgrade.
- *Sun Management Center 3.0 Software Installation Guide*
Read this book for more detailed information about installing the Sun Management Center 3.0 software.
- *Sun Management Center 3.0 Software User's Guide*
Read this book for information about using the Sun Management Center 3.0 product. In particular, read the chapters that cover administrative domains and access control.
- *Sun Management Center 3.0 Configuration and Deployment Guide*
Read this book for information about authorized users and security for Sun Management Center 3.0.

Accessing Sun Documentation Online

The docs.sun.comSM Web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. The URL is <http://docs.sun.com>.

Ordering Sun Documentation

Sun Microsystems offers select product documentation in print form. For a list of documents and how to order them, see “Buy printed documentation” at <http://docs.sun.com>.

Sun Management Center Change Manager 1.0 Release Notes

These release notes contain information about the Sun™ Management Center Change Manager 1.0 release, henceforth referred to as Change Manager. Change Manager is a system management application that enables system administrators to quickly and efficiently install and manage Solaris™ Flash archives across a large number of managed hosts that are controlled by Change Manager. Solaris Flash archives are collections of files copied from a master system.

The following topics are covered.

- “Installing the Change Manager Server” on page 7
- “Obtaining Troubleshooting Information” on page 8
- “Accessing Change Manager Documentation” on page 8

Installing the Change Manager Server

To install the Change Manager software, follow the instructions in the “Installing, Configuring, and Accessing the Change Manager Server (Tasks)” in *Sun Management Center Change Manager 1.0 Administration Guide*.

The Change Manager software can be installed on an existing Sun Management Center server or on a server you create, as explained in the following sections.

Installing Change Manager Software on a New Server

If you are creating a Change Manager server for the first time, do the following before you begin:

- Choose the appropriate hardware and software for the Change Manager server. See “Change Manager Server” in *Sun Management Center Change Manager 1.0 Administration Guide*.
- Install and configure the Sun Management Center 3.0 and Change Manager 1.0 software on the Change Manager server. See “Installing and Configuring the Change Manager Server” in *Sun Management Center Change Manager 1.0 Administration Guide*.

Installing Change Manager Software on an Existing Sun Management Center Server

If you are already running Sun Management Center 3.0 on the system you plan to use as the Change Manager server, do the following before you begin:

- Verify that your server meets the hardware and software requirements for a Change Manager server. See “Hardware and Software Requirements (Reference)” in *Sun Management Center Change Manager 1.0 Administration Guide*.
- Install and configure the Change Manager 1.0 software on the Change Manager server. See “Installing and Configuring the Change Manager Server” in *Sun Management Center Change Manager 1.0 Administration Guide*.

Obtaining Troubleshooting Information

For information about bugs, installation problems, and other troubleshooting issues not covered in these release notes, see “Troubleshooting (Tasks)” in *Sun Management Center Change Manager 1.0 Administration Guide*.

Accessing Change Manager Documentation

The Change Manager documentation is available at <http://docs.sun.com>. The Change Manager documentation includes the following:

- *Sun Management Center Change Manager 1.0 Administration Guide*
- *Sun Management Center Change Manager 1.0 Reference Manual*
- *Sun Management Center Change Manager 1.0 Release Notes*

Change Manager Installation Issues

This chapter describes problems that relate to the installation of Sun Management Center 3.0 and Change Manager 1.0 on the designated Change Manager server.

patchadd -p Displays PatchArrElem Error on Solaris 8

/usr/sbin/patchadd[177]: PatchArrElem: subscript out of range

Description: This message appears when you run the `patchadd -p` command on the Solaris 8 2/02 operating environment.

Solution: You can ignore this message.

To avoid seeing this message, add patch 108987-09 to your Solaris 8 2/02 system.

1. **Become superuser.**
2. **Download the patch to your system from the SunSolve™ Patch Portal.**
3. **Use the `unzip` command to expand the patch from the ZIP archive.**

```
# unzip 108987-09.zip
```

4. **Change to the patch directory.**

```
# cd 108987-09
```

5. **Install the patch.**

```
# patchadd `pwd`/108987-09
```


Change Manager Runtime Issues

This chapter describes runtime issues that are known to be problems.

Caution Regarding Live Upgrade

Change Manager uses the Solaris Live Upgrade software to perform software update operations on managed hosts.

Do *not* manually run Solaris Live Upgrade commands on managed hosts outside the context of Change Manager. Doing so might result in Change Manager obtaining an inconsistent view of the state of the managed host.

Caution Regarding Add-On Agent Modules

Although the Sun Management Center base agent is required by Change Manager, *add-on agent modules* such as those installed for Performance Reporting Manager (PRM), System Reliability Manager (SYSRM), and Advanced System Monitoring (ASM) cannot be properly configured when deployed in Solaris Flash archives. Therefore, when building a Solaris Flash archive that is to be deployed by Change Manager, you should not install agent add-on modules because they will be unconfigured when the Solaris Flash archive is deployed to a managed host. This limitation is not expected to be present in a future version of Change Manager.

Although “Creating a Deployable Solaris Flash Archive (Tasks)” in *Sun Management Center Change Manager 1.0 Administration Guide* suggests installing platform agent modules on the master host prior to creating the Flash Archive, these modules also might be unconfigured when the Solaris Flash archive is deployed to a managed host. This might limit the full use of the management capabilities provided by Sun Management Center for managed hosts deployed by Change Manager. This limitation is not expected to be present in a future version of Change Manager.

Re-Initializing the Change Manager Database

The Change Manager database is dependent on the underlying Sun Management Center database. Management operations, such as running `es-setup` or installing add-ons such as Sun Management Center 3.0 Performance Reporting Manager (PRM), can cause the database to be reinitialized. Therefore, you must run `cmsetup(1MCM)` to re-establish Change Manager’s database configuration.

Note that `cmsetup` must be run *after* `es-setup` has completed. You must also run `cmsetup` after installing or re-initializing the PRM add-on.