Contents

Preface 9

1 Installation Issues 13

Issues You Need to Know About Before Installing Solaris 8 Software from DVD 14
Booting From the Solaris 8 2/04 DVD 14
Boot From Solaris DVD Fails on Systems With Toshiba SD-M1401 DVD-ROM (4467424) 14
Cannot Access Data on Solaris 8 2/04 DVD in Solaris 2.6 and Solaris 7 Operating Environment (4511090) 14

Solaris Web Start 3.0 Bugs You Need to Know About Before Using the Solaris 8 Installation CD 15
Initial Install Might Not Be Possible If Swap Slice Does Not Start At Cylinder 0 (4508297) 15
Default Install Might Be Disabled If Swap Slice Is Not on The Default Boot Disk (4527984) 16
Cannot Specify an Alternate Network Interface to Use During System Identification on Network Gateway Systems (4302896) 16

Issues You Need to Know About Before Installing Solaris 8 Software 17
Insufficient Space for Extra Languages During Upgrade (4414329) 17
Previous Versions of Solaris Management Console Software Are Not Compatible With Solaris Management Console 2.0 Software 18
Locale Installation Mechanism Change 20

Installation Bugs That Occur During an Installation From Solaris 8 1 of 2 CD 21
Solaris 8 Software 2 of 2 Installation Program Does Not Automatically Start When Using Custom JumpStart or re-preinstall (4556860) 21
Installation Progress Bar May Be Inaccurate (1266156) 22
Warnings May Occur When a File System Is Created (4189127) 22
Custom JumpStart Does Not Prompt for the Solaris 8 Software 2 of 2 CD (4304912) 23

Installation Bugs That Occur During an Upgrade 24
   Live Upgrade Might Not Determine Boot Device (4525464) 24
   Upgrade Fails if /export Is Near Capacity (4409601) 25
   Unable to Remove .save.SUNWcsr After Upgrading (4400054) 25
   Upgrading Diskless Client Servers and Clients (4363078) 25
   Upgrading the JavaSpaces Datastore to Prevent Web-Based Enterprise Management (WBEM) Data Loss (4365035) 26
   Relocated CDE From the Solaris 2.5.1 Operating Environment Orphaned by an Upgrade to the Solaris 8 Operating Environment (4260819) 27
   Upgrading the Solaris 7 Operating Environment With WBEM 1.0 to the Solaris 8 Operating Environment Causes WBEM 2.0 to Fail (4274920) 27
   SUNWmeudt Partially Fails to Install During an Upgrade (4304305) 28
   64-bit Packages Are Unnecessarily Installed During Upgrade From Solaris 2.6 or Solaris 7 Operating Environment (4323398) 28

64-Bit Solaris Issues 29
   Sun UltraSPARC System (sun4u) May Need Boot Flash PROM Update 29

System Administration Bugs 30
   awk and nawk Field Limitation Might Cause Installation of Additional Software to Fail (4533901) 30

Localization Bugs That Occur During Installation 31
   Solaris Web Start Installation Kiosk Menu Not Localized for European Locales (4510925) 31
   Error Messages May Occur During European Upgrade (4230247, 4225787) 31

2  Solaris Runtime Issues 33
   Power Management Bugs 33
      Power Management Resume Crashes After USB Devices Are Hot-Plugged (4507408) 33
   USB Issues 34
      Audio Applications Might Stop Working After a USB Audio Device Is Hot-Unplugged (4424286) 34
      USB Speakers Might Not Produce Sound 34
   Smart Card Bugs 34
      System Does Not Respond to Smart Card (4415094) 34
      Edit Config File Menu Item in Smart Cards Management Console Does Not Work (4447632) 35
   Common Desktop Environment (CDE) Issues 35
      Compiling Motif Programs on the Solaris 8 Operating Environment 35
Common Desktop Environment Bugs   36
  OpenWindows File Manager Fails to Mount Diskette (4329368)  36
  PDASync Cannot Delete Last Entry From the Desktop (4260435)  37
  PDASync Does Not Support Data Exchange With the Multibyte Internationalized PDA Device (4263814)  37

System Administration Bugs   38
  Remote Display of Solaris Management Console Hangs (4488117)  38
  Web-Based Enterprise Management (WBEM) HTTP Service Does Not Automatically Start (4486999)  38
  WBEM Event Delivery Fails When Lowercase Is Used (4441369)  39
  Incorrect Error Message When Using flarcreate -e and -E (4404811)  39
  Obsolete Files Still Present in Help System (4339515)  39
  CIM_ERR_LOW_ON_MEMORY Error Occurs When Trying to Add Data With WBEM (4312409)  39

Java Runtime Bugs   40
  libjvm.so Does Not Function Correctly When Using dlopen (4270715)  40

AnswerBook2 Bugs   41
  The ab2admin Command Intermittently Indicates command failed Even Though the Command Succeeded (4242577)  41
  ab2cd Script Displays an Erroneous Error Message (4256516)  41

Localization Issues   42
  Use Font Downloader to Print From Any Non-ISO8859-1 Locale  42

Runtime Localization Bugs   42
  The Euro Currency Symbol Is Not Adequately Supported in the UTF-8 and Greek Locales (4363812, 4305075)  42
  kkcv.sh Dumps Core In Japanese Locale (4394340)  43
  Warning Messages Might Appear When Launching Java Applications From Any UTF-8 Locale (4342801)  43
  Some Greek Characters Are Not Available in CDE (4179411)  44
  Cannot Print Extended Characters in Calendar Manager in All Partial Locales (4285729)  44
  Cutting and Pasting Text Between Arabic and UTF-8 English Does Not Work (4287746)  44
  The CDE Extras Drop-Down Menu Is Not Available for European Locales (4298547)  44
  CTL Is Not Supported in Japanese and Asian UTF-8 Locales (4300239)  44
  Cannot Add, Remove, or Modify Users in Solstice AdminTool in the Greek Locale (4302983)  45
  Font Downloader Add and Cancel Buttons Are Incorrectly Labeled in the Italian Locale (4303549)  45
Missing Arabic Characters and Incompatibility Between the Sun Arabic Keyboard and the Microsoft Arabic Keyboard (4303879) 46
Sorting in the European UTF-8 Locales Does Not Function Correctly (4307314) 46
Applications Not Fully Localized (4304495, 4306619) 47

3 Late-Breaking News 49
Update Feature Documentation 49
Diskless Client Support 49
PIM Kernel Support 50
Configuring Runtime Search Paths 50

4 End-of-Software Support Statements 51
Current Release 51
HotJava Browser 51
Solaris Java Development Kit: JNI 1.0 Interface 51
Solstice AdminSuite 2.3/AutoClient 2.1 52
F3 Font Technology 52
XGL 52
Derived Type paddr_t 52
Changes to Application Programming Interfaces (APIs) for User Accounting Data 52
sysidnis(1M) System Identification Program 53
Sun4c-Based Systems 53
SPARCstation Voyager 53
SPARC Xterminal 1 53
Future Releases 54
Perl Version 5.005_03 54
Early Access (EA) Directory 54
Emulex MD21 Disk Controller for ESDI Drives 54
enable_mixed_bcp Tunable 54
SUNWebnfs 54
aspppd(1M) Utility 55
JDK 1.2.2 and JRE 1.2.2 55
JDK 1.1.8 and JRE 1.1.8 55
GMT Zoneinfo Timezones 55
s5fs File System 55
sendmail Utility Features 56
AnswerBook2 Server 56  
AdminTool 56  
Solstice Enterprise Agents 56  
XIL 56  
Lightweight Directory Access Protocol (LDAP) Client Library 57  
SUNWrdm 57  
crash(1M) Utility 57  
Kerberos Version 4 Client 57  
adb(1) Map Modifiers and Watchpoint Syntax 57  
OpenWindows Toolkits for Developers 58  
OpenWindows Environment For Users 58  
Federated Naming Service (FNS)/XFN Libraries and Commands 58  
Crash Dump Options for Solaris ipcs(1) Command 58  
Deprecate sendmail -AutoRebuildAliases Option 59  
sun4d-Based Servers 59

5 Documentation Issues 61

Document Affected: “Backing Up a UFS Snapshot” in Solaris 8 System Administration Supplement 61

Document Affected: “OCF Client Properties Overview” in Solaris Smart Cards Administration Guide 62

Document Affected: “Setting Up a Smart Card (Tasks)” in Solaris Smart Cards Administration Guide 62

Document Affected: “OCF Client Properties Overview” in Solaris Smart Cards Administration Guide and “Additional Client Configuration Tasks” in Solaris Smart Cards Administration Guide 62

Document Affected: “Setting Up a Smart Card (Overview)” in Solaris Smart Cards Administration Guide 62

Document Affected: Localized New Features List (4389948) 63


Documents Affected: AnswerBook2 Help Collection 63


A  Patch List  67
Patch List  68
Preface

The Solaris™ 8 (SPARC® Platform Edition) 2/04 Release Notes contains installation problem details and other information that were not available until immediately before the release of the Solaris 8 2/04 operating environment.

Note – The information in this document pertains to the SPARC platform. This information also pertains to both the 64-bit and 32-bit address spaces unless specified in a special chapter, section, note, bulleted item, figure, table, example, or code example.

Who Should Use This Book

These notes are for users and system administrators who are installing and using the Solaris 8 2/04 operating environment.

The Solaris 8 2/04 release notes are available:

- In the Solaris 8 2/04 Release Documents Collection on the Solaris 8 2/04 Documentation CD
- In print with the product (installation issues and bugs only)
- On http://docs.sun.com (the most up-to-date information)
Related Books

You might need to refer to the following manuals when installing Solaris software:

- Solaris 8 Start Here
- Solaris 8 2/04 What’s New Supplement
- Solaris 8 Advanced Installation Guide
- Solaris 8 System Administration Supplement

For information on current CERT advisories, see the official CERT web site at http://www.cert.org.

Solaris documentation is available on the Solaris 8 2/04 Documentation CD that is included with this product.

For some hardware configurations, you might need supplemental hardware-specific instructions for installing the Solaris operating environment. If your system requires hardware-specific actions at certain points, the manufacturer of your hardware has provided supplemental Solaris installation documentation. Refer to those materials for hardware-specific installation instructions.

Related Third-Party Web Site References

Third-party URLs are referenced in this document and provide additional, related information.

**Note** – Sun is not responsible for the availability of third-party Web sites mentioned in this document. Sun does not endorse and is not responsible or liable for any content, advertising, products, or other material on or available for such sites or resources. Sun will not be responsible or liable for any damage or loss caused or alleged to be caused by or in connection with use of or reliance on any such content, goods, or services that are available on or through any such sites or resources.
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. For a list of documents and how to order them, see “Buy printed documentation” at http://docs.sun.com.

Typographic Conventions

The following table describes the typographic changes used in this book.

<table>
<thead>
<tr>
<th>Typeface or Symbol</th>
<th>Meaning</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>AaBbCc123</td>
<td>The names of commands, files, and directories; on-screen computer output</td>
<td>Edit your .login file. Use ls -a to list all files. machine_name% you have mail.</td>
</tr>
<tr>
<td>AaBbCc123</td>
<td>What you type, contrasted with on-screen computer output</td>
<td>machine_name% su Password:</td>
</tr>
<tr>
<td>AaBbCc123</td>
<td>Command-line placeholder: replace with a real name or value</td>
<td>To delete a file, type rm filename.</td>
</tr>
<tr>
<td>AaBbCc123</td>
<td>Book titles, new words, or terms, or words to be emphasized.</td>
<td>Read Chapter 6 in User’s Guide. These are called class options. You must be root to do this.</td>
</tr>
</tbody>
</table>
Shell Prompts in Command Examples

The following table shows the default system prompt and superuser prompt for the C shell, Bourne shell, and Korn shell.

TABLE P–2 Shell Prompts

<table>
<thead>
<tr>
<th>Shell</th>
<th>Prompt</th>
</tr>
</thead>
<tbody>
<tr>
<td>C shell prompt</td>
<td><code>machine_name%</code></td>
</tr>
<tr>
<td>C shell superuser prompt</td>
<td><code>machine_name#</code></td>
</tr>
<tr>
<td>Bourne shell and Korn shell prompt</td>
<td><code>$</code></td>
</tr>
<tr>
<td>Bourne shell and Korn shell superuser prompt</td>
<td><code>#</code></td>
</tr>
</tbody>
</table>
Installation Issues

This chapter describes problems that relate to the installation of the Solaris 8 2/04 operating environment.

The following installation bug descriptions have been added to this chapter since this document was published on the Solaris 8 2/04 Documentation CD and in the Installation Kiosk on the Solaris 8 2/04 Installation CD.

- “Cannot Access Data on Solaris 8 2/04 DVD in Solaris 2.6 and Solaris 7 Operating Environment (4511090)” on page 14
- “Initial Install Might Not Be Possible If Swap Slice Does Not Start At Cylinder 0 (4508297)” on page 15
- “Default Install Might Be Disabled If Swap Slice Is Not on The Default Boot Disk (4527984)” on page 16
- “Solaris 8 Software 2 of 2 Installation Program Does Not Automatically Start When Using Custom JumpStart or re-preinstall (4556860)” on page 21
- “awk and nawk Field Limitation Might Cause Installation of Additional Software to Fail (4533901)” on page 30
- “Solaris Web Start Installation Kiosk Menu Not Localized for European Locales (4510925)” on page 31

**Note** – The name of this product is Solaris 8 2/04, but code and path or package path names might use Solaris 2.8 or SunOS™ 5.8. Always follow the code or path as it is written.
Issues You Need to Know About Before Installing Solaris 8 Software from DVD

Booting From the Solaris 8 2/04 DVD

The Solaris 8 2/04 operating environment is now available on DVD. To install or upgrade from DVD, insert the Solaris 8 2/04 DVD into the DVD-ROM drive and boot the system from the ok prompt with the following command.

ok boot cdrom

Boot From Solaris DVD Fails on Systems With Toshiba SD-M1401 DVD-ROM (4467424)

If your system has a Toshiba SD-M1401 DVD-ROM drive with firmware revision 1007, the system cannot boot from the Solaris 8 2/04 DVD.

Workaround: Apply patch 111649 to update the Toshiba SD-M1401 DVD-ROM drive’s firmware. Patch 111649 is included on the Solaris 8 Supplement CD in the following directory.

DVD_Firmware/Patches

See the README file in this directory for instructions on installing the patch. Be sure to read and follow all the cautions and warnings in this README file before you install the patch.

Cannot Access Data on Solaris 8 2/04 DVD in Solaris 2.6 and Solaris 7 Operating Environment (4511090)

If your system is running the Solaris 2.6 or Solaris 7 operating environment, Volume Management incorrectly mounts the Solaris 8 2/04 DVD. The Solaris 8 2/04 DVD will mount, but the data is inaccessible. As a result, you cannot setup an install server, perform a Live Upgrade, or access any data on the media.

Workaround: Choose one of the following workarounds.

- Apply the patches appropriate for your system.
**TABLE 1-1** DVD patches for the Solaris 2.6 and Solaris 7 Operating Environments

<table>
<thead>
<tr>
<th>Release</th>
<th>Patch ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solaris 2.6 operating environment</td>
<td>107618-03</td>
</tr>
<tr>
<td>Solaris 7 operating environment</td>
<td>107259-03</td>
</tr>
</tbody>
</table>

- Manually mount the Solaris 8 2/04 DVD. Do not use Volume Management to mount the Solaris 8 2/04 DVD. Follow these steps.

  1. Become superuser.
  2. Stop Volume Management.
     ```
     # /etc/init.d/volmgt stop
     ```
  3. Manually mount the DVD.
     ```
     # mkdir /mnt1
     # mount -F hsfs -o ro /dev/dsk/c0t6d0s0 /mnt1
     ```
  4. Verify that the DVD is mounted and the data is accessible.
     ```
     # cd /mnt1
     # ls
     ```

     The system returns the following information if the DVD is correctly mounted.

---

**Solaris Web Start 3.0 Bugs You Need to Know About Before Using the Solaris 8 Installation CD**

**Initial Install Might Not Be Possible If Swap Slice Does Not Start At Cylinder 0 (4508297)**

When you install from the Solaris 8 Installation CD, the Solaris™ Web Start installation program might prompt you to use an existing swap slice to hold the installation software. However, the installation program does not indicate whether the existing swap slice starts at cylinder 0 or not. If you choose to use this slice and it does not begin at cylinder 0, installation might not be possible on some disk configurations.

**Workaround:** If you intend to perform an initial install, follow these steps.
Note – This will prevent any file system preservations on the disk.

1. During setup, answer No to all questions that prompt you to use an existing swap slice.
2. If prompted, select None from the list of alternatives, then answer No when you are prompted to re-select a slice to hold the Solaris installation software.
3. Select a disk to re-partition when you are prompted by the installer.
4. Choose a size when you are prompted to provide a size for the swap slice.
5. When the installer asks if the swap slice can start at the beginning of the disk, answer Yes.
6. Complete the installation.

For more information on re-partitioning disks or choosing a size for the swap slice, see the Solaris 8 Advanced Installation Guide.

Default Install Might Be Disabled If Swap Slice Is Not on The Default Boot Disk (4527984)

When you install from the Solaris 8 Installation CD and you choose a swap slice that is not on the default boot disk, the Default Install selection might be disabled. This problem can occur even when the swap slice starts at cylinder 0 and the default boot disk contains sufficient space for a Default Install. The following error message is displayed.

Note: Default install is not possible. The file system requires manual layout.

Workaround: Choose one of the following workarounds.
- If you are performing an initial install, choose the default boot disk as the location for the swap slice.
- Perform a Custom Install if your swap slice is not located on the default boot disk.

Cannot Specify an Alternate Network Interface to Use During System Identification on Network Gateway Systems (4302896)

A network gateway is used to communicate with other networks. A gateway system contains multiple network interface adapters and each adapter connects with a different network.
If you use the Solaris 8 Installation CD to install the Solaris 8 2/04 operating environment on a gateway system, Solaris Web Start 3.0 uses the primary interface to gather system information. You cannot instruct Solaris Web Start 3.0 to use an alternate network interface to gather information for system identification.

**Workaround:** To specify another interface for gathering system information, choose one of the following workarounds.

- Create a `sysidcfg` file that specifies the network interface to use during system identification. See “Guidelines for Preconfiguring With the sysidcfg File” in *Solaris 8 Advanced Installation Guide* and the man page `sysidcfg(4)` for information on how to create and modify a `sysidcfg` file.
- Use the Solaris 8 Software 1 of 2 CD to launch an Interactive Installation of the Solaris 8 2/04 operating environment. Specify that the system is networked, and then select the alternate network interface to use for system identification from the list that is provided.

---

**Issues You Need to Know About Before Installing Solaris 8 Software**

**Insufficient Space for Extra Languages During Upgrade (4414329)**

When you upgrade from the Solaris 2.6 and Solaris 7 operating environments using a CD or CD images, extra European languages might be installed for locales that are not present on the system. If there is insufficient space in the file system, the upgrade will not complete. Languages for locales that are present on the system may not be installed.

**Workaround:** Choose one of the following workarounds.

- Manually select the languages you want installed during the upgrade process. Follow these steps.
  1. When the Language CD install panel is displayed, click the Back button.
  2. Deselect the extra languages and continue with the upgrade.
- Use a combined net install image to upgrade from the Solaris 2.6 and Solaris 7 operating environments. Do not use CDs or CD images to upgrade.
- After upgrading, follow these steps.
  1. Login to the system.
2. Run prodreg.
3. Uninstall any extra languages.
4. Insert the Language CD into your CD-ROM drive and run the top level installer.
5. Choose Custom Install.
6. Select the languages you want installed.
7. Complete the Language CD installation by clicking the Next and Install Now buttons.

Previous Versions of Solaris Management Console Software Are Not Compatible With Solaris Management Console 2.0 Software

If you upgrade to the Solaris 8 2/04, or compatible, operating environment and you have Solaris Management Console™ 1.0, 1.0.1, or 1.0.2 software installed, you must uninstall the Solaris Management Console software before you upgrade. Solaris Management Console 2.0 software is not compatible with any previous version of the console. Solaris Management Console software might exist on your system if you installed the SEAS 2.0 overbox, the SEAS 3.0 overbox, or the Solaris 8 Admin Pack.

Workaround: Choose one of the following workarounds.

- Before you upgrade, run /usr/bin/prodreg and perform a full uninstall of the Solaris Management Console software.
- If you did not uninstall Solaris Management Console 1.0, 1.0.1, or 1.0.2 software before you upgraded, you must remove all Solaris Management Console 1.0, 1.0.1, or 1.0.2 software packages. You must use pkgrm for package removal instead of prodreg and you must carefully follow the order of package removal. Follow these steps.
  1. Become superuser.
  2. In a terminal window, type the following commands.

```bash
# pkginfo | grep "Solaris Management Console"
# pkginfo | grep "Solaris Management Applications"
# pkginfo | grep "Solaris Diskless Client Management Application"
```

The package names in the output identify a Solaris Management Console 1.0 software package if the description does not start with “Solaris Management Console 2.0.”

3. Use pkgrm to remove all instances of Solaris Management Console 1.0 software packages in the following order.
Note – Do not remove any package that has “Solaris Management Console 2.0” in the description. For example, SUNWmc .2 might indicate the Solaris Management Console 2.0 software.

Note – If the pkginfo output displays multiple versions of Solaris Management Console 1.0 software packages, use pkgrm to remove both packages. Remove the original package first and then the package that has been appended with a number. For example, if the SUNWmcman and SUNWmcman .2 packages appear in the pkginfo output, first remove SUNWmcman and then SUNWmcman .2. Do not use prodreg.

```
# pkgrm SUNWmcman
# pkgrm SUNWmcapp
# pkgrm SUNWmcsvr
# pkgrm SUNWmcsvu
# pkgrm SUNWmc
# pkgrm SUNWmcc
# pkgrm SUNWmcsws
```

4. In a terminal window, type the following command.

```
# rm -rf /var/sadm/pkg/SUNWmcapp
```

The Solaris Management Console 2.0 software should now function. For future maintenance, or if the console does not function properly, remove the Solaris Management Console 2.0 software and reinstall it by following the next steps.

1. In a terminal window type the following commands.

```
# pkginfo |grep "Solaris Management Console"
# pkginfo |grep "Solaris Management Applications"
# pkginfo |grep "Solaris Diskless Client Management Application"
```

The package names in the output identify the remaining Solaris Management Console software packages that are installed on your system.

2. Use pkgrm to remove all Solaris Management Console 2.0 software packages in the following order.

```
# pkgrm SUNWdcldnt
# pkgrm SUNWmga
# pkgrm SUNWmcapp
```

Chapter 1 • Installation Issues 19
3. Insert the Solaris 8 Software (SPARC Platform Edition) 1 of 2 CD into your CD-ROM drive and type the following in a terminal window.

```
# cd /cdrom/sol_8_204_sparc/s0/Solaris_8/Product
# pkgadd -d SUNWmccom SUNWmcc SUNWmc SUNWwbmc SUNWmcex SUNWmcdev SUNWmgapp SUNWmga SUNWdclnt
```

All previous versions of the Solaris Management Console software are now removed and the Solaris Management Console 2.0 software is functional.

**Locale Installation Mechanism Change**

The locale support installation mechanism has changed in the Solaris 8 operating environment. In the Solaris 2.5.1, 2.6, and 7 operating environments, the level of locale support that was installed depended on the software cluster that was chosen. The Solaris 8 operating environment includes a new installation interface that prompts you to select specific geographic regions for which you require locale support. Therefore, you can customize the configuration of your system at installation of the Solaris 8 operating environment with more freedom than in the Solaris 2.5.1, 2.6, and 7 operating environments.

Notice especially the following behaviors:

- You must select the locales to be installed during the initial installation in the Geographic Selection screen. C (POSIX locale) and en_US.UTF-8 (Unicode support) are the only locales that are automatically installed.
- When you upgrade from previous releases, some of the locales are automatically selected, depending on the available locales on the system to be upgraded. Note that English, French, German, Italian, Spanish, and Swedish partial locales were always present on the system in the Solaris 2.5.1, 2.6, and 7 operating environments.
- Unicode locales (UTF-8) have a feature to enable multilingual text input. Because these locales use Asian input methods that are provided by each individual locale, install those Asian locales for which you need to type text.
Installation Bugs That Occur During an Installation From Solaris 8 1 of 2 CD

Solaris 8 Software 2 of 2 Installation Program Does Not Automatically Start When Using Custom JumpStart or re-preinstall (4556860)

If you install using the custom JumpStart™ program or the re-preinstall command, when the Solaris 8 Software 1 of 2 CD completes, the Solaris 8 Software 2 of 2 CD installation program does not automatically start. The system will reboot normally, but the installation is not complete.

**Workaround:** If you are performing a custom JumpStart installation, or you are using the re-preinstall command, choose one of the following workarounds.

- Use a combined network image of the Solaris 8 Software CDs to perform the installation.
- After the installation program on the Solaris 8 Software 1 of 2 CD completes, follow these steps.
  1. Login as superuser.
  2. Verify that the file `/var/sadm/system/data/packages_to_be_added` exists. Type the following command.
     ```
     # ls /var/sadm/system/data/
     ```
     - If the file `packages_to_be_added` is listed in the output of the `ls` command, go to the next step.
     - If the output of the `ls` command does not list `packages_to_be_added`, your installation is complete. Do not continue with the workaround.
  3. Insert the Solaris 8 Software 2 of 2 CD into the CD-ROM drive and type the following commands to start the installation program.
     ```
     # volcheck
     # cd /cdrom/cdrom0/Solaris_8/Tools/Installers
     # ./solaris2
     ```
  4. After the Solaris 8 Software 2 of 2 installation completes, type the following command to determine if `/var/sadm/system/data/packages_to_be_added` exists.
     ```
     # ls /var/sadm/system/data/
     ```
     - If the file `packages_to_be_added` is listed in the output of the `ls` command, go to the next step.
If the output of the `ls` command does not list `packages_to_be_added`, your installation is complete. Do not continue with the workaround.

5. Insert the Solaris 8 Languages CD into the CD-ROM drive and type the following commands.

```bash
# volcheck
# cd /cdrom/cdrom0
# ./installer
```

6. Choose the custom installation path in the Solaris 8 Languages CD installation program.

7. Select the languages that you require for your system and complete the installation.

---

**Note** – If you have more than one CD-ROM drive, the path might be `/cdrom/cdrom#`, where `cdrom#` is the CD-ROM drive into which you inserted the Solaris 8 Software 2 of 2 CD, or the Solaris 8 Languages CD.

---

**Installation Progress Bar May Be Inaccurate (1266156)**

The Installing Solaris Software - Progress bar sometimes indicates that an installation is complete when it is still in progress. The installation program might add packages for several minutes after the progress bar has indicated that the installation is complete.

Do not rely on the progress bar to indicate that the installation is complete. The installation displays the following message when the program has completed all installation operations.

Installation complete

---

**Warnings May Occur When a File System Is Created (4189127)**

One of the following warning messages might be displayed when a file system is created during installation.

```
Warning: inode blocks/cyl group (87) >= data blocks (63)
in last cylinder group. This implies 1008 sector(s) cannot be allocated.
```

Or

```
Warning: 1 sector(s) in last cylinder unallocated
```
The warning occurs when the size of the file system that is being created does not map exactly to the space on the disk that is being used. This discrepancy can result in unused space on the disk that is not incorporated into the indicated file system. This unused space is not available for use by other file systems.

Workaround: Ignore the warning message.

Custom JumpStart Does Not Prompt for the Solaris 8 Software 2 of 2 CD (4304912)

After you install the Solaris 8 Software 1 of 2 CD, a custom JumpStart installation does not prompt you to install the Solaris 8 Software 2 of 2 CD.

Workaround: Choose one of the following workarounds.

- If you are installing only the End User software group, you do not need to install the Solaris 8 Software 2 of 2 CD because the End User software and its basic locale support are on the Solaris 8 Software 1 of 2 CD.

- If you are installing the Entire Distribution plus OEM, Entire Distribution, or Developer software, and are using a custom JumpStart installation from a server, use a network install server that contains the Solaris 8 1 of 2, 2 of 2, and Languages CDs. See “Creating a Profile Server” in Solaris 8 Advanced Installation Guide.

- If you are installing the Entire Distribution plus OEM, Entire Distribution, or Developer software and are using a custom JumpStart installation from a diskette, follow these steps to install the Solaris 8 Software 2 of 2 and Languages CDs:
  1. After the custom JumpStart completes the installation of the Solaris 8 Software 1 of 2 CD, reboot the system.
  2. Log in to the system.
  3. Insert the Solaris 8 Software 2 of 2 CD.
  4. Execute the installer script and follow the instructions on the screen to install the remaining software.
  5. Insert the Solaris 8 Languages CD.
  6. Execute the installer script and follow the instructions on the screen to install any languages.
Installation Bugs That Occur During an Upgrade

Live Upgrade Might Not Determine Boot Device (4525464)

If you boot from a Solstice DiskSuite™ or a Solaris™ Volume Manager mirrored root, or a Veritas encapsulated root, the lucreate command might be unable to determine the boot device. The following error message is displayed.

WARNING: Unable to determine root device by accessing boot device settings directly.
ERROR: Unable to determine root device for current BE.
ERROR: Unable to determine the physical boot device for the current BE <...>.

If you use lucreate -C to specify the physical boot device the command fails.

Workaround: Manually edit /usr/sbin/lucreate to enable Live Upgrade to determine the boot device from a Solstice DiskSuite or a Solaris Volume Manager mirrored root, or a Veritas encapsulated root. Follow these steps.

1. Make a backup copy of /usr/sbin/lucreate.
2. Open /usr/sbin/lucreate in a text editor.
3. Locate the following line in /usr/sbin/lucreate.
   
   ```
   elif [ "${dpbe_pbeBootDev}" -eq "-" ] ; then
   ```

4. Change the previous line to the following.
   
   ```
   elif [ "${dpbe_pbeBootDev}" = '-' ] ; then
   ```

5. Locate the following line in /usr/sbin/lucreate.
   
   ```
   if [ "${OPTARG}" -ne "-" ] ; then
   ```

6. Change the previous line to the following.
   
   ```
   if [ "$OPTARG" != '-' ] ; then
   ```

7. Save the changes to /usr/sbin/lucreate.

The lucreate command can now determine the boot device and the -C option will function correctly.

You can remove the backup copy of /usr/sbin/lucreate when the upgrade completes.
Upgrade Fails if /export Is Near Capacity (4409601)

If the /export directory is near full capacity and you upgrade to the Solaris 8 2/04 operating environment, the space requirements for /export are miscalculated and the upgrade fails. The problem commonly occurs if a diskless client is installed, or if third-party software is installed in /export. The following message is displayed.

**WARNING:** Insufficient space for the upgrade.

**Workaround:** Before you upgrade, choose one of the following workarounds.

- Temporarily rename the /export directory until the upgrade completes.
- Temporarily comment out the /export line in the /etc/vfstab file until the upgrade completes.
- If /export is a separate file system, then unmount /export before you perform the upgrade.

Unable to Remove .save.SUNWcsr After Upgrading (4400054)

After upgrading from the Solaris 2.5.1 8/97 or 11/97 operating environment to the Solaris 8 operating environment, you might see the following error in /a/var/sadm/system/logs/upgrade_log.

```
rm: Unable to remove directory /a/var/sadm/pkg/.save.SUNWcsr: File exists
```

**Workaround:** To prevent the error, before you upgrade to the Solaris 8 operating environment, perform `fsck` on the root file system.

To resolve the error after you upgrade, perform `fsck` on the root file system.

Upgrading Diskless Client Servers and Clients (4363078)

If your system currently supports diskless clients that were installed with the AdminSuite 2.3 Diskless Client tool, you must first delete all existing diskless clients prior to installing the Solaris 8 2/04 operating environment. For specific instructions, see “How to Set Up Your Diskless Client Environment” in Solaris 8 System Administration Supplement.

If you attempt to install the Solaris 8 2/04 operating environment over existing diskless clients, the following error message appears.
The Solaris Version (Solaris 7) on slice <xxxxxxxx> cannot be upgraded. There is an unknown problem with the software configuration installed on this disk.

Upgrading the JavaSpaces Datastore to Prevent Web-Based Enterprise Management (WBEM) Data Loss (4365035)

If you are upgrading from the Solaris 8 (Solaris WBEM Services 2.0), Solaris 8 6/00 (WBEM Services 2.1), Solaris 8 10/00 (WBEM Services 2.2), or Solaris 8 1/01 (WBEM Services 2.3) operating environments to the Solaris 8 2/04 operating environment (Solaris WBEM Services 2.4), you must convert any proprietary custom Managed Object Format (MOF) data to the new Reliable Log repository format that is used with Solaris WBEM Services 2.4. Failure to convert the data results in data loss.

Workaround: To convert WBEM data, before upgrading you must save the JavaSpaces™ software. After upgrading, you must run the wbemconfig convert command.

Before upgrading to the Solaris 8 2/04 operating environment, follow these steps to save the JavaSpaces software.

1. Become superuser.
2. Save the JavaSpaces software.
   ```bash
cp /usr/sadm/lib/wbem/outrigger.jar /usr/sadm/lib/wbem/outrigger.jar.tmp
   ```
3. Check and record the version of the JDK™ software that is installed on your machine. For example:
   ```bash
   # /usr/bin/java -version
   java version "1.2.1"
   Solaris VM (build Solaris_JDK_1.2.1_04c, native threads, sunwjit)
   ```
   You must be running the same version of the JDK software that was running when the original JavaSpaces datastore was created.

Note – After upgrading to the Solaris 8 2/04 operating environment, you must convert the WBEM data. For specific instructions, see “Upgrading the CIM Object Manager Repository” in Solaris WBEM Services Administrator’s Guide.
Relocated CDE From the Solaris 2.5.1 Operating Environment Orphaned by an Upgrade to the Solaris 8 Operating Environment (4260819)

This problem affects systems that run the Solaris 2.5.1 and the Solaris 2.5.1 unbundled CDE operating environments. However, these systems are only affected if the unbundled CDE has been relocated to a directory other than /usr/dt. The CDE relocation on these systems has been accomplished by creating a symbolic link in /usr/dt that points to the relocated CDE.

When you upgrade to the Solaris 8 operating environment, CDE is reinstalled in /usr/dt, and the link to the relocated version is removed. The relocated CDE is not removed and is therefore orphaned.

If the upgrade involves the reallocation of file systems, the upgrade might fail because the reallocation mechanism does not allow for the extra space that is needed in /usr/dt for the new version of CDE. This failure is not visible until the upgrade has been completed. If this failure occurs, the upgrade log includes several messages that indicate more space is needed for an upgrade.

Workaround: Uninstall the relocated CDE before you start upgrading to the Solaris 8 operating environment. You can uninstall by using the install-cde script from the Solaris 2.5.1 CDE CD. You should run this script with the -uninstall flag to remove CDE.

Upgrading the Solaris 7 Operating Environment With WBEM 1.0 to the Solaris 8 Operating Environment Causes WBEM 2.0 to Fail (4274920)

If you installed WBEM 1.0 from the Solaris Easy Access Server (SEAS) 3.0 CD on a system that runs the Solaris 7 operating environment, you must remove the WBEM 1.0 packages before upgrading to the Solaris 8 operating environment. The Solaris WBEM Services 2.0 do not start after you upgrade the Solaris 7 operating environment with WBEM 1.0 to the Solaris 8 operating environment. The Common Information Model (CIM) Object Manager fails to start. The following error message is displayed.

File not found: /opt/sadm/lib/wbem/cimom.jar

Workaround: Use the pkgrm command to remove the WBEM 1.0 packages before upgrading to the Solaris 8 operating environment.

1. Use the pkginfo command to check if the WBEM 1.0 packages are installed by typing the following:

   % pkginfo | grep WBEM

2. Become superuser.
3. Use the `pkgrm` command to remove all WBEM 1.0 packages by typing the following.

   ```
   # pkgrm SUNWwbapi
   # pkgrm SUNWwbcor
   # pkgrm SUNWwbdev
   # pkgrm SUNWwbdoc
   # pkgrm SUNWwbm
   ```

**SUNWeeudt Partially Fails to Install During an Upgrade (4304305)**

The upgrade log might state that the `SUNWeeudt` package was only partially installed.

   ```
   Doing pkgadd of SUNWeeudt to /.
   ERROR: attribute verification of </a/usr/dt/appconfig/types/ru_RU.KOI8-R/datatypes.dt>
   failed pathname does not exist ...
   
   Installation of <SUNWeeudt> partially failed.
   pkgadd return code = 2
   ```

**Workaround:** Perform the following steps after the upgrade has been completed.

1. To remove the `SUNWeeudt` package, type the following.

   ```
   # pkgrm SUNWeeudt
   ```

2. To add the `SUNWeeudt` package, type the following.

   ```
   # pkgadd SUNWeeudt
   ```

**64-bit Packages Are Unnecessarily Installed During Upgrade From Solaris 2.6 or Solaris 7 Operating Environment (4323398)**

When you upgrade to the Solaris 8 2/04 operating environment from the Solaris 2.6 or Solaris 7 operating environment and do not select 64-bit support as an upgrade option, the following 64-bit packages are unnecessarily installed:

- SUNWceuox
- SUNWceuux
- SUNWneuox
- SUNWseuox
- SUNWweuox

**Workaround:** After you complete the upgrade, remove these 64-bit packages by using the `pkgrm` command:

```
# pkgrm SUNWceuox SUNWceuux SUNWneuox SUNWseuox SUNWweuox
```
64–Bit Solaris Issues

Sun UltraSPARC System (sun4u) May Need Boot Flash PROM Update

Note – If your system is already running 64-bit ready firmware, then the flash PROM update is not required.

If you want to run the 64-bit Solaris operating environment on an UltraSPARC™ system, you might need to update its flash PROM firmware. The Solaris 8 installation programs have an option for adding 64-bit support. This 64-bit support is selected by default when you install on Sun UltraSPARC systems. A 64-bit system only boots in the 64-bit mode by default if it has a CPU speed of 200 MHz or greater.

Note – If you choose to run the 32-bit Solaris operating environment on any Sun™ or UltraSPARC system, the flash PROM update is not needed.

The following table lists the UltraSPARC (sun4u) systems that are affected and the minimum firmware versions that are needed. System type is the equivalent of the output of the uname -i command. You can tell which firmware version you are running by using the prtconf -V command.

**TABLE 1-2** Minimum Firmware Versions Required to Run 64–Bit Solaris Operating Environment on UltraSPARC Systems

<table>
<thead>
<tr>
<th>System Type From uname -i</th>
<th>Minimum Firmware Version From prtconf -V</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUNW, Ultra-1-Engine</td>
<td>3.10.0</td>
</tr>
<tr>
<td>SUNW, Ultra-1</td>
<td>3.11.1</td>
</tr>
<tr>
<td>SUNW, Ultra-2</td>
<td>3.11.2</td>
</tr>
<tr>
<td>SUNW, Ultra-4</td>
<td>3.7.107</td>
</tr>
<tr>
<td>SUNW, Ultra-Enterprise</td>
<td>3.2.16</td>
</tr>
</tbody>
</table>
Note – If a system is not listed in the previous table, it does not need a flash PROM update.

For instructions on performing the flash PROM update by using the Solaris CD, refer to the Solaris 8 on Sun Hardware Collection. If you do not have this manual, you can obtain it at http://docs.sun.com

System Administration Bugs

awk and nawk Field Limitation Might Cause Installation of Additional Software to Fail (4533901)

The 200 field limitation of the awk and nawk utilities might cause installations of additional software to fail. This problem occurs under the following circumstances.

- You install Veritas Volume Manager (VxVm) on a system running the Solaris 8 2/02 operating environment and Sun Enterprise™ Alternate Pathing
- You install Sun StorEdge™ Component Manager software on a system running the Solaris 8 2/02 operating environment

A message similar to the following text displays.

```
Installing VxVM for Solaris 8
awk: record ‘Patch: 108528-13 Obs...’ has too many fields
record number 12

Alternate Pathing (AP) version 2.3.1 has been detected.

This version of VxVM requires the following patch(es) to co-exist with AP 2.3.1:

110722

Install the above patch(es) before you continue the VxVM installation. This installation will now be aborted.

pkgadd: ERROR: request script did not complete successfully

Installation of <VRTSvxvm> failed.
No changes were made to the system.
```
Workaround: Contact your support channels to obtain the Solaris patch that increases the \texttt{awk} and \texttt{nawk} field limitation.

---

Localization Bugs That Occur During Installation

Solaris Web Start Installation Kiosk Menu Not Localized for European Locales (4510925)

If you use the Solaris 8 2/02 Installation CD to install in a European locale, the Kiosk menu that appears at the end of the installation process displays in the C locale.

Error Messages May Occur During European Upgrade (4230247, 4225787)

After upgrading from the Solaris 7 3/99, 5/99, 8/99, or 11/99 operating environment to the Solaris 8 2/04 operating environment, the following errors might appear in the upgrade logs.

```bash
Doing pkgadd of SUNWplow to /.
pkgadd: ERROR: unable to create package object
    file type <s> expected <d> actual
    unable to remove existing directory at
    </a/usr/openwin/share/locale/de.ISO8859-15>
    ....
    Installation of <SUNWplow> partially failed.
    pkgadd return code = 2
```

```bash
Doing pkgadd of SUNWpldte to /.
WARNING: /a/usr/dt/appconfig/types/de.ISO8859-15
    may not overwrite a populated directory.
    ....
pkgadd: ERROR: /a/usr/dt/appconfig/types/de.ISO8859-15
    could not be installed.
    ....
    Installation of <SUNWpldte> partially failed.
    pkgadd return code = 2
```
This warning occurs because the patch switches the affected directories in the upgrade logs from symbolic links to directories. The upgrade process then attempts to install an updated version of the package that does not include the change. These errors do not affect the operating environment on your system.

**Workaround:** Ignore these error messages.
Solaris Runtime Issues

This chapter describes known runtime problems.

**Note** – The name of this product is Solaris 8 2/04, but code and path or package path names might use Solaris 2.8 or SunOS 5.8. Always follow the code or path as it is written.

---

**Power Management Bugs**

**Power Management Resume Crashes After USB Devices Are Hot-Plugged (4507408)**

If you hot-plug a USB device and then suspend your system, the system might crash during the resume phase.

**Workaround:** If a USB device has been hot-plugged, reboot the system before you perform a power management suspend.
USB Issues

Audio Applications Might Stop Working After a USB Audio Device Is Hot-Unplugged (4424286)

If you hot-unplug a USB audio device the links to /dev/audio are broken. As a result, some audio applications might not recognize audio devices, including on-board audio. Rebooting the system or hot-plugging the USB audio device has no effect.

**Workaround:** Perform the following steps after a USB audio device is hot-unplugged.
1. Become superuser.
2. Correct the broken links by typing the following on a command line.
   ```
   # rm /dev/audio*
   # /usr/sbin/devfsadm -c audio
   ```
   For more information see [devfsadm(1M)](https://docs.oracle.com/cd/E29333_01/html/819-0788/index.html).

USB Speakers Might Not Produce Sound

Third-party USB speakers might not produce sound after the USB driver is attached. Increasing the speaker volume or hot-plugging the device might not have any effect.

**Workaround:** Power cycle the USB speakers.

Smart Card Bugs

System Does Not Respond to Smart Card (4415094)

If ocfserv terminates and the display is locked, the system remains locked even when a smart card is inserted or removed.

**Workaround:** Perform the following steps to unlock your system.
1. Use rlogin to connect to the system on which the ocfserv process terminated.
2. Kill the dtsession process by typing the following in a terminal window.

```bash
% pkill dtsession
```

The ocfserv process restarts and smart card login and functionality will be restored.

**Edit Config File Menu Item in Smart Cards Management Console Does Not Work (4447632)**

The Edit Config File menu item in the Smart Cards Management Console does not edit smart card configuration files that are located in `/etc/smartcard/opencard.properties`. If the menu item is selected, a warning is displayed that indicates not to continue unless requested by technical support.

**Workaround:** Do not use the Edit Config File menu item in the Smart Cards Management Console. For information on smart card configuration, see *Solaris Smart Cards Administration Guide*.

---

**Common Desktop Environment (CDE) Issues**

**Compiling Motif Programs on the Solaris 8 Operating Environment**

A problem occurs when you compile a Motif program in the Solaris 8 operating environment under the following circumstances. When you link to a shared library that has been compiled in the Solaris 2.4, 2.5, 2.5.1 or 2.6 operating environments, the older library also uses the Motif Application Programming Interface (API).

The Motif program uses Motif version 2.1 and the old shared library uses Motif version 1.2. A core dump occurs. This is not a binary compatibility problem for applications that were compiled in the Solaris 2.4, 2.5, 2.5.1, 2.6 operating environments, which should run correctly in the Solaris 8 operating environment.

**Workaround:** If an older shared library links directly to the Motif library, and if you are compiling a program in the Solaris 8 operating environment that links to both Motif and that older shared library, use a line such as the following to compile:

```
cc foo.c -o program -DMOTIF12_HEADERS -I/usr/openwin/include \
-I/usr/dt/include -lXm12 -lXt -lX11
```
Common Desktop Environment Bugs

OpenWindows File Manager Fails to Mount Diskette (4329368)

The OpenWindows™ File Manager fails to display a File Manager view that lists the contents of a floppy disk in certain circumstances. The problem occurs when you insert a floppy disk into the drive on a system that also has a SCSI removable media device. When you select Check for Floppy from the File menu in File Manager, File Manager mounts the floppy disk in the /floppy directory, but fails to display a File Manager view that lists the floppy disk contents.

Workaround: Choose one of the following workarounds.

- To view the contents of a floppy disk, follow these steps:
  1. Click on the / folder in the File Manager Iconic Path.
  2. Double-click on the floppy folder in the / display window.
  3. Double-click on the floppy0 folder in the /floppy display window.

- To format a floppy disk, follow these steps:
  1. Unmount the floppy disk.
     
     `volrmmount -e floppy0`
     
     In this command, floppy0 is the floppy disk’s folder in the /floppy directory.
  2. Format the floppy disk.
     
     `fdformat floppy0`

- To create a new file system on a floppy disk, follow these steps:

  1. Unmount the floppy disk.
     
     `volrmmount -e floppy0`
     
     In this command, floppy0 is the floppy disk’s folder in the /floppy directory.
  2. Create the appropriate file system on the floppy disk.

     - To create a new UFS file system on the floppy disk, use the `newfs` command:

---

Note – If you have already unmounted the floppy disk, go to step 2 of this workaround.
newfs /vol/dev/aliases/floppy0

To create a PCFS file system on the floppy disk, use the `mkfs` command:

```
% mkfs -F pcfs /vol/dev/aliases/floppy0
```

3. Mount the floppy disk.

```
% volrmmount -i floppy0
```

To eject the floppy disk, use the `eject` command.

```
% eject floppy0
```

To prevent this problem, apply patch 109463-01.

**PDASync Cannot Delete Last Entry From the Desktop (4260435)**

After you delete the last item from the desktop, the item is restored from the handheld device to the desktop when you synchronize your handheld device. Examples of items that you might delete and have restored are the last appointment in your Calendar or the last address in the Address Manager.

**Workaround:** Manually delete the last entry from the handheld device prior to synchronization.

**PDASync Does Not Support Data Exchange With the Multibyte Internationalized PDA Device (4263814)**

If you exchange multibyte data between a PDA device and Solaris CDE, the data might be corrupted in both environments.

**Workaround:** Back up your data on your personal computer with the PDA backup utility before you run the PDASync application. If you accidentally exchange multibyte data and corrupt that data, restore your data from the backup.
System Administration Bugs

Remote Display of Solaris Management Console Hangs (4488117)

When you remotely display the Solaris Management Console on the Solaris 8 7/01, or 2/04 operating environment, opening a dialog box in the console causes the console, including the open dialog box, to hang.

**Workaround:** Use the Solaris Management Console on your local system to connect to, and manage, a system running the Solaris 8 7/01, or 2/04 operating environment. Follow these steps.

1. Close the hung console window.
2. Start the Solaris Management Console on your local system.
3. Select Open Toolbox from the console menu.
4. Click the Server Toolbox tab and select, or enter, the name of the remote system you want to manage.
5. Click the Open button.

You can now use the console to manage the remote system.

Web-Based Enterprise Management (WBEM) HTTP Service Does Not Automatically Start (4486999)

The WBEM HTTP service in the Solaris 8 operating environment does not automatically start. If you want to use HTTP to connect to WBEM, you must manually start the WBEM HTTP service.

**Workaround:** To manually start the WBEM HTTP service, follow these steps.

1. Become superuser.
2. Stop the WBEM server if it is running.
   ```
   # /etc/init.d/init.wbem stop
   ```
3. Set your classpath to include the following .jar files.
   ```
   # CLASSPATH=/usr/sadm/lib/wbem/cimapi.jar:/usr/sadm/lib/xml.jar:
   /usr/sadm/lib/wbem/cimom.jar
   # export CLASSPATH
   ```
4. Start the HTTP service.

---

Solaris 8 (SPARC Platform Edition) 2/04 Release Notes • February 2004
5. Start the Common Information Model (CIM) Object Manager service.

```
# java com.sun.wbem.client.HttpService &
```

```
#/usr/sadm/lib/wbem/wbemconfig &
```

**WBEM Event Delivery Fails When Lowercase Is Used (4441369)**

If a Solaris provider generates indications and the class name is set to lowercase, the event delivery fails.

**Workaround:** Use uppercase characters to define indication class names.

**Incorrect Error Message When Using flarcreate -e and -E (4404811)**

If you run the `flarcreate` command with both the `-e` and `-E` options an error is encountered. The following message is displayed.

```
ERROR: Options -D and -f are mutually exclusive
```

The message should read as follows.

```
ERROR: Options -E and -e are mutually exclusive
```

**Workaround:** Ignore the error message. Do not use the `-e` and `-E` options together.

**Obsolete Files Still Present in Help System (4339515)**

After selecting Help -> Information from the Front Panel, a list of obsolete files is returned. The correct file is `S8FCSrelenotes`.

**CIM_ERR_LOW_ON_MEMORY Error Occurs When Trying to Add Data With WBEM (4312409)**

The following error message is displayed when memory is low:

```
CIM_ERR_LOW_ON_MEMORY
```

You cannot add more entries when the CIM Object Manager has run low on memory. You must reset the CIM Object Manager Repository.
**Workaround:** To reset the CIM Object Manager Repository, follow these steps.

1. Become superuser.
2. Stop the CIM Object Manager.
   
   ```
   # /etc/init.d/init.wbem stop
   ```
3. Remove the JavaSpaces log directory.
   
   ```
   # /bin/rm -rf /var/sadm/wbem/logr
   ```
4. Restart the CIM Object Manager.
   
   ```
   # /etc/init.d/init.wbem start
   ```

**Note** – You lose any proprietary definitions in your datastore. You must recompile the MOF files that contain those definitions by using the `mofcomp` command. For example:

```
# /usr/sadm/bin/mofcomp -u root -p root_password your_mof_file
```

---

**Java Runtime Bugs**

**libjvm.so** Does Not Function Correctly When Using `dlopen` (4270715)

`libjvm.so` does not function correctly if it is brought into the process using `dlopen`. It must be linked into the executable when that object is created.

**Workaround:** Explicitly name `libjvm.so` (-ljvm) and `libjava.so` (-ljava) as dependencies when you create an executable.
AnswerBook2 Bugs

The `ab2admin` Command Intermittently Indicates `command failed` Even Though the Command Succeeded (4242577)

If the `ab2admin` command fails, the error message contains additional information besides `command failed`. For example, it might also include `path not found` or `invalid ID`.

**Workaround:** If the message `command failed` is displayed, ensure that the operation failed. For example, if the command you submitted should have deleted a collection from the AnswerBook2™ database, type the following command to verify that the collection is displayed in the database.

```bash
# ab2admin -o list
```

You can frequently ignore the message `command failed` when no additional information is provided.

`ab2cd` Script Displays an Erroneous Error Message (4256516)

During the startup of an AnswerBook2 server, the `ab2cd` script might display the following erroneous error message.

```
sort: can't read /tmp/ab1_sort.XXX: No such file or directory
```

This error message states that the `ab2cd` script has not located any of the AnswerBook (Display PostScript™) collections on the CD.

**Workaround:** Ignore the error message.
Localization Issues

Use Font Downloader to Print From Any Non-ISO8859-1 Locale

Perform the following steps to print from any non-ISO8859-1 locale by using the Font Downloader.

1. Log in to CDE.
2. Type `fdl` at the command line to start the Font Downloader.
3. Specify the printer by selecting Add from the Printer menu.
4. Select Font Bundle from the Download menu.
   The font bundles are then downloaded to the specified printer, depending on what codeset is needed for printing.

Runtime Localization Bugs

The Euro Currency Symbol Is Not Adequately Supported in the UTF-8 and Greek Locales (4363812, 4305075)

The euro currency symbol is not generated when you press ALTGr+E in the UTF-8 locales.

Workaround: Choose one of the following workarounds.

- Perform the following steps to enter the euro currency symbol in the UTF-8 locales.
  1. Select Lookup in the UTF-8 Input Mode Selection window.
  2. Select Currency Symbols.
  3. Select the Euro symbol.
- Log in to any ISO8859-15 locale and use Alt+E to access the Euro.
Note – In the Greek locale type, dumps at the console prompt. Then copy and paste the euro currency symbol.

**kkcv.sh Dumps Core In Japanese Locale (4394340)**

*kkcv* is an input method server for Japanese 4.x Binary Compatibility (BCP) applications. When LDAP is used, *kkcv* dumps core repeatedly with the error message:

```
cssd: The process "kkcv.sh" has been killed by sig#134, core dumped
```

This problem occurs in all locales when ‘ja’ locale is installed by using the Languages CD.

**Workaround:** If you do not need to use the Japanese BCP feature, configure your system not to start input method servers for BCP applications:

1. Copy `/usr/lib/css.d/cs00.sh` to `/etc/css.d`.
   ```
   # cp -p /usr/lib/css.d/cs00.sh /etc/css.d
   ```
2. Edit `/etc/css.conf` and comment out the line of `/usr/lib/css.d` with ‘#’.
   ```
   # /etc/css.conf
   ```
3. Restart the CS monitor daemon.
   ```
   # sh /etc/init.d/loc.ja.cssd stop
   # sh /etc/init.d/loc.ja.cssd start
   ```

**Warning Messages Might Appear When Launching Java Applications From Any UTF-8 Locale (4342801)**

LucidaSansLat4 font aliases are not available, so related error messages might appear when you launch a Java application from any UTF-8 locale.

**Workaround:** Log in to the ISO-1 equivalent of the locale and launch the Java application from there.
Some Greek Characters Are Not Available in CDE (4179411)

Some dead-key combinations do not work correctly in CDE. Also, names of months do not function correctly in the Calendar Manager in the Greek locale.

Cannot Print Extended Characters in Calendar Manager in All Partial Locales (4285729)

If you attempt to print extended characters when you use Calendar Manager in a partial locale, the extended characters do not print correctly.

Cutting and Pasting Text Between Arabic and UTF-8 English Does Not Work (4287746)

You cannot cut or paste Arabic text between an application or window that is running under en_US.UTF-8 in Arabic input mode and an application or window running under ar_EY.ISO8859-6 in Arabic input mode.

The CDE Extras Drop-Down Menu Is Not Available for European Locales (4298547)

When you right-click in any CDE application for a European locale, the CDE Extras drop-down menu does not display any options.

CTL Is Not Supported in Japanese and Asian UTF-8 Locales (4300239)

Complex Text Language (CTL) support for entering Hebrew, Arabic, or Thai has been implemented in en_US.UTF-8 and European UTF-8 locales, but is not supported in ja_JP.UTF-8, ko.UTF-8, also known as ko_KR.UTF-8, zh.UTF-8, which is also known as zh_CH.UTF-8, and zh_TW.UTF-8 locales.

Workaround: Use the en_US.UTF-8 locale if you need to enter Thai, Arabic, or Hebrew by using CTL. If you want to enter those languages in Asian and Japanese UTF-8 locales, do the following.

1. Create a symbolic link to common CTL modules. In the instance of ja_JP.UTF-8, use the following commands:
# cd /usr/lib/locale/ja_JP.UTF-8
# mkdir LO_LTYPE ; cd LO_LTYPE
# ln -s ../../../common/LO_LTYPE/umle.layout.so.1 ja_JP.UTF-8.layout.so.1
# mkdir sparcv9 ; cd sparcv9
# ln -s ../../../common/LO_LTYPE/sparcv9/umle.layout.so.1 ja_JP.UTF-8.layout.so.1

2. Edit the /usr/openwin/lib/locale/ja_JP.UTF-8/XLC_LOCALE file by commenting out the load_option delay_nocheck line from Thai, Arabic, or Hebrew entries. For example, in the Thai language, use the following.

```bash
# fs14 class (Thai)
fs14 {
  charset TIS620.2533-0:GR
  font {
    # load_option delay_nocheck <--- comment out
    primary TIS620.2533-0:GR
  }
}
```

Cannot Add, Remove, or Modify Users in Solstice AdminTool in the Greek Locale (4302983)

The Add, Modify, and Remove User screens are blank in the Greek locale of the Solstice AdminTool software.

**Workaround:** In superuser mode, copy the following file.

```bash
# cp /usr/openwin/lib/locale/C/app-defaults/Admin /usr/openwin/lib/locale/el_GR.ISO8859-7/app-defaults/Admin
```

You can now add, remove, and modify user information in the Greek locale.

Font Downloader Add and Cancel Buttons Are Incorrectly Labeled in the Italian Locale (4303549)

When you are in the Italian locale and you are using the Font Downloader, both the Add and Cancel buttons in the Add Printer dialog box are incorrectly labeled. Both buttons are labeled A.

- The left button should be labeled Aggiungi (Add).
- The right button should be labeled Annulla (Cancel).
Missing Arabic Characters and Incompatibility Between the Sun Arabic Keyboard and the Microsoft Arabic Keyboard (4303879)

The following table describes the differences between the Sun Solaris Arabic keyboard and the Microsoft Arabic keyboard.

**TABLE 2-1 Differences Between Sun and Microsoft Arabic Keyboards**

<table>
<thead>
<tr>
<th>Key</th>
<th>Sun Keyboard Layout</th>
<th>Microsoft Keyboard Layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>T</td>
<td>Arabic Lam_alef with Hamza below</td>
</tr>
<tr>
<td>U</td>
<td>U</td>
<td>Right single quotation mark</td>
</tr>
<tr>
<td>I</td>
<td>I</td>
<td>Arabic multiplication sign</td>
</tr>
<tr>
<td>O</td>
<td>O</td>
<td>Arabic division sign</td>
</tr>
<tr>
<td>A</td>
<td>;</td>
<td>Arabic Kasra</td>
</tr>
<tr>
<td>S</td>
<td>S</td>
<td>Arabic Kasratan</td>
</tr>
<tr>
<td>Z</td>
<td>Z</td>
<td>Tilde</td>
</tr>
<tr>
<td>X</td>
<td>X</td>
<td>Arabic Sukun</td>
</tr>
<tr>
<td>C</td>
<td>Arabic Kasratan</td>
<td>Left curly brace</td>
</tr>
<tr>
<td>V</td>
<td>Arabic Kasra</td>
<td>Right curly brace</td>
</tr>
<tr>
<td>M</td>
<td>Sukun</td>
<td>Single low quotation mark</td>
</tr>
<tr>
<td>&lt;</td>
<td>&lt;</td>
<td>Arabic comma</td>
</tr>
</tbody>
</table>

Sorting in the European UTF-8 Locales Does Not Function Correctly (4307314)

Sorting in the European UTF-8 locales produces unexpected results.

**Workaround:** Before you attempt to sort in a FIGGS UTF-8 locale, set the LC_COLLATE variable to the ISO-1 equivalent.

```
# echo $LC_COLLATE
> es_ES.UTF-8
# setenv LC_COLLATE es_ES.IS08859-1
Then start sorting.
```
Applications Not Fully Localized (4304495, 4306619)

The following applications are not fully localized. Some parts are not fully translated.

- Smart Card application (4304495)
- SEAM application messages (4306619)
Late-Breaking News

This chapter includes information on new features that arrived too late to be included in the Solaris 8 documentation set. For information on new features in the Solaris 8 2/04 operating environment, refer to the Solaris 8 2/04 Update AnswerBook Collection on http://docs.sun.com.

Update Feature Documentation

Some features in this Update release might not have documentation other than man pages. For additional reference, refer to the Solaris 9 operating environment documentation on http://docs.sun.com.

Prior to the release of the Solaris 9 operating environment, follow the links for documentation on the Solaris 9 operating environment Early Access Web site at http://www.sun.com/solaris/programs/solaris9ea

When accessing Solaris 9 documentation during the beta period, you might be asked to accept a restricted usage license.

Diskless Client Support

The Solaris 8 2/04 operating environment includes diskless client support. Support in this release is limited to SPARC architecture diskless clients from either SPARC or Intel architecture (IA) servers.
PIM Kernel Support

The Solaris 8 operating environment includes kernel support for the PIM protocol that is described in RFC 2362. The Solaris 8 operating environment does not include the routing daemons. For users who are using the Solaris 8 operating environment to route their multicast network traffic, implementations of the PIM protocol Sparse mode and Dense mode are at http://netweb.usc.edu/pim

Configuring Runtime Search Paths

You can now modify the runtime linker's search paths with the -z nodefaultlib option to the ld command and with runtime configuration files that are created by the new utility crle(1).
End-of-Software Support Statements

This chapter lists end-of-support statements.

Current Release

This section describes end-of-software support statements that apply to the Solaris 8 2/04 operating environment.

HotJava Browser

The HotJava™ browser is no longer supported.

Solaris Java Development Kit: JNI 1.0 Interface

The 1.0 version of the Java Native Interface (JNI 1.0) is no longer supported by the Solaris Java Development Kit version 1.2 (JDK™ 1.2).

Support in the Solaris Java Development Kit (JDK) for the 1.0 version of the Java Native Interface (JNI 1.0) has been removed. JNI 1.0 is also known as the Native Method Interface (NMI).
Solstice AdminSuite 2.3/AutoClient 2.1

Solstice AdminSuite™ 2.3 software is no longer supported. Any attempt to run Solstice AdminSuite 2.3 to configure a Solstice AutoClient or diskless client results in a failure for which no patch is available or planned. Solaris 8 2/04 includes new commands for diskless client management. See smoservice(1M) and smdiskless(1M) for more information.

F3 Font Technology

F3 fonts and the TypeScaler rasterizer, the Sun proprietary scalable font technology, is no longer supported. Sun continues to support the industry standard font formats, Type1 and TrueType.

XGL

XGL is no longer supported.

Derived Type paddr_t

The paddr_t data type in sys/types.h is not supported in the 64-bit compilation environment. This data type is currently only available in the 32-bit compilation environment.

Changes to Application Programming Interfaces (APIs) for User Accounting Data

Two sets of application programming interfaces (API) enable user accounting data to be accessed by applications. The preferred set of programming interfaces for accessing and manipulating user accounting information is described on the getutxent(3C) man page. These interfaces are more capable and more portable than the older getutent(3C) routines.

Older applications can access the underlying accounting files directly. The files /var/adm/utmp and /var/adm/wtmp and the corresponding symbolic links /etc/utmp and /etc/wtmp are no longer supported. The format of the data that is contained in these files constrains the future evolution of the Solaris operating environment. Applications that use these files should be updated to use the documented and supported APIs.
Applications that are already using the `getutent(3C)` family of routines might be unaffected on small system configurations. However, in future releases these interfaces might return errors when you use them on very large system configurations. For this reason, use the `getutxent(3C)` routines for old code and new code instead of the `getutent(3C)` APIs.

**sysidnis(1M) System Identification Program**

`sysidnis(1M)` is no longer supported. `sysidnis(1M)` is the System Identification program responsible for configuring name services during installation and upgrade, and after unconfiguration that uses `sys-unconfig(1M)`. `sysidnis(1M)` has been replaced by `sysdns(1M)`.

**Sun4c-Based Systems**

The following Sun4c—based architecture systems and servers that are based on these systems are no longer supported.

- SPARCstation™ SLC
- SPARCstation ELC
- SPARCstation IPC
- SPARCstation IPX
- SPARCstation 1
- SPARCstation 1+
- SPARCstation 2

**Note** – All hardware options (such as SCSI devices) and supported configurations that are dependent on the Sun4c-based architecture are no longer supported.

**SPARCstation Voyager**

SPARCstation Voyager™ systems are no longer supported.

**SPARC Xterminal 1**

SPARC Xterminal 1™ systems are no longer supported.
Future Releases

This section describes end-of-software support statements that apply to future releases of the Solaris operating environment.

Perl Version 5.005_03

The default version of Perl might be changed to a version that is not binary compatible with the current default (5.005_03) in a future release of the Solaris operating environment. Customer-installed modules need to be rebuilt and reinstalled against the new version. Modify any scripts that require the use of version 5.005_03 to explicitly use the 5.005_03 version of the interpreter (/usr/perl5/5.005_03/bin/perl) instead of the default version (/bin/perl or /usr/perl5/bin/perl).

Early Access (EA) Directory

The name of the EA directory might be changed in a future minor release of the Solaris operating environment media.

Emulex MD21 Disk Controller for ESDI Drives

The MD21 disk controller for ESDI drives might no longer be supported in a future release.

enable_mixed_bcp Tunable

The enable_mixed_bcp tunable might no longer be supported in a future release. In the Solaris 8 operating environment the /etc/system variable enable_mixed_bcp can be set to 0 to disable dynamic linking of partially statically linked SunOS 4.0 and compatible executables. The system uses dynamic linking for these executables by default. In a future release, dynamic linking may always be used for these executables, and the enable_mixed_bcp tunable may be removed from the system. This change would not affect binary compatibility for SunOS 4.0 and compatible executables in any way.

SUNWebnfs

The SUNWebnfs package might no longer be included on future releases of Solaris operating environment media.
The library and documentation are available for download from http://www.sun.com/webnfs.

**aspppd(1M) Utility**

The aspppd(1M) utility might no longer be supported in a future release. Use the pppd(1M) utility with Solaris PPP 4.0 that is included in the Solaris 8 operating environment.

**JDK 1.2.2 and JRE 1.2.2**

Version 1.2.2 of the JDK and version 1.2.2 of the JRE might no longer be supported in a future release. Near-equivalent functionality is supported by Java 2 Standard Edition, version 1.3 and compatible versions. All current and previous versions of the JDK and JRE are available for download from http://java.sun.com.

**JDK 1.1.8 and JRE 1.1.8**

Version 1.1.8 of the JDK and version 1.1.8 of the JRE may no longer be supported in a future release. Near-equivalent functionality is supported by Java 2 Standard Edition, version 1.3 and compatible versions. All current and previous versions of the JDK and JRE are available for download from http://java.sun.com.

**GMT Zoneinfo Timezones**

The /usr/share/lib/zoneinfo/GMT[+-]* time zones might no longer be supported in a future release. These files might be removed from /usr/share/lib/zoneinfo. Replace usage of the zoneinfo timezones with the equivalent Etc/GMT[+-]* file. See zoneinfo(4) and environ(5) for more information.

**s5fs File System**

The s5fs file system might no longer be supported in a future release. The s5fs file system supports the installation of Interactive UNIX applications. Support for the installation of Interactive UNIX applications is no longer required in the Solaris operating environment.
**sendmail Utility Features**

Some features of the `sendmail` utility might no longer be supported in a future release. The affected features are modifications that are specific to Sun and are nonstandard. These features include special syntax and semantics for V1/Sun configuration files, the remote mode feature, and the three sun-reverse-alias features.


**AnswerBook2 Server**

The AnswerBook2 server may no longer be supported in a future release. Solaris documentation will continue to be available on the Solaris Documentation CD in online formats. All Solaris documentation is also available at [http://docs.sun.com](http://docs.sun.com).

**AdminTool**

AdminTool (`admintool`), including `swmtool`, might no longer be supported in a future release. These tools performs user management, printer management, software package management, serial port management, group management, and host management.

The print management function is currently available in the Solaris 8 operating environment (see `/usr/sadm/admin/bin/printmgr`).

**Solstice Enterprise Agents**

Solstice Enterprise Agents might no longer be supported in a future release.

**XIL**

XIL might no longer be supported in a future release. An application that uses XIL causes the following warning message to be displayed.

```
WARNING: XIL OBsolescence
This application uses the Solaris XIL interface
which has been declared obsolete and may not be
present in versions of Solaris beyond Solaris 8.
Please notify your application supplier.
The message can be suppressed by setting the environment variable
"_XIL_SUPPRESS_OBSOLETE_MSG."```
Lightweight Directory Access Protocol (LDAP) Client Library

LDAP client library, *libldap.so.3*, might no longer be included in a future release. The new version of this library, *libldap.so.4*, is compliant with the *draft-ietf-ldapext-ldap-c-api-04.txt* revision of the *ldap-c-api* draft from the Internet Engineering Task Force (IETF).

SUNWrdm

The SUNWrdm package, which formerly contained release notes and which was installed in */usr/share/release_info*, might not be included on the Solaris Software CD in a future release.


**crash(1M) Utility**

The *crash(1M)* utility might no longer be supported in a future release. The *crash* command is a utility that examines system crash dump files, which is a capability that is superseded by the new *mdb(1)* utility. The *crash* command’s interface has been structured around implementation details, such as slots, that have no relation to the Solaris operating system implementation.

“Transition From crash” in *Solaris Modular Debugger Guide* provides information for users who are making the transition from using *crash* to using *mdb*.

Kerberos Version 4 Client

The Kerberos version 4 client might be removed from a future release. This client includes the Kerberos version 4 support in the *kinit(1)*, *kdestroy(1)*, *klist(1)*, *ksrvtgt(1)*, *mount_nfs(1M)*, *share(1M)*, and *kerbd(1M)* commands. Support is also in the *kerberos(3KRB)* library, and in the ONC RPC programming API *kerberos_rpc(3KRB)*.

**adb(1) Map Modifiers and Watchpoint Syntax**

The *adb(1)* utility might be implemented as a link to the new *mdb(1)* utility in a future version of the Solaris 8 operating environment.
The \texttt{mdb(1)} man page describes the features of the new debugger, including its \texttt{adb(1)} compatibility mode. Even in this compatibility mode, differences between \texttt{adb(1)} and \texttt{mdb(1)} exist. These differences include the following.

- The text output format of some subcommands is different in \texttt{mdb(1)}. Macro files are formatted by using the same rules, but scripts that depend on the output of other subcommands might need to be modified.
- The watchpoint length specifier syntax in \texttt{mdb(1)} is different from the syntax that is described in \texttt{adb(1)}. The \texttt{adb(1)} watchpoint commands \texttt{:w}, \texttt{:a}, and \texttt{:p} enable an integer length (in bytes) to be inserted between the colon and the command character. In \texttt{mdb(1)}, the count should be specified following the initial address as a repeat count.
  
  The \texttt{adb(1)} command \texttt{123:456w} is specified in \texttt{mdb(1)} as \texttt{123,456:w}.

- The \texttt{/m}, \texttt{/*m}, \texttt{?m}, and \texttt{?*m} format specifiers are not recognized or supported by \texttt{mdb(1)}.

### OpenWindows Toolkits for Developers

OpenWindows XView™ and OLIT toolkits might no longer be supported in a future release. Therefore, consider migration to the Motif toolkit. To disable the warning message, use \texttt{#define OWTOOLKIT_WARNING_DISABLED} or \texttt{-D}.

### OpenWindows Environment For Users

The OpenWindows environment might no longer be supported in a future release. Therefore, consider migration to the Common Desktop Environment (CDE).

### Federated Naming Service (FNS)/XFN Libraries and Commands

The Federated Naming Service that is based on the X/Open XFN standard might no longer be supported in a future release.

### Crash Dump Options for Solaris \texttt{ipcs(1)} Command

The capability of applying \texttt{ipcs(1)} command to system crash dumps by using the \texttt{-c} and \texttt{-N} command-line options might no longer be supported in a future release. Equivalent capability is now provided by the \texttt{mdb(1)} : : \texttt{ipcs} debugger command.
Deprecate sendmail -AutoRebuildAliases Option

The -AutoRebuildAliases option for the sendmail(1M) man page is deprecated and might no longer be supported in a future release.

sun4d–Based Servers

The following sun4d-based architecture servers might no longer be supported in a future release.

- SPARCserver™ 1000
- SPARCcenter™ 2000

Hardware options that are dependent on the sun4d—based architecture might no longer be supported in a future release.
CHAPTER 5

Documentation Issues

This chapter describes known documentation problems.

The following documentation issues have been added to this chapter since this document was published on the Solaris 8 2/04 Documentation CD and in the Installation Kiosk on the Solaris 8 2/04 Installation CD.

- "Document Affected: "Backing Up a UFS Snapshot" in Solaris 8 System Administration Supplement" on page 61

Note – The name of this product is Solaris 8 2/04, but code and path or package path names might use Solaris 2.8 or SunOS 5.8. Always follow the code or path as it is written.

Documentation Errata

Document Affected: "Backing Up a UFS Snapshot" in Solaris 8 System Administration Supplement

In the "Backing Up a UFS Snapshot" example, the following mount command is incorrect.

# mount -F UFS -o ro /dev/fssnap/1 /backups/home.bkup

The following is the correct mount command.

# mount -F ufs -o ro /dev/fssnap/1 /backups/home.bkup

61
Document Affected: “OCF Client Properties Overview” in *Solaris Smart Cards Administration Guide*

The following text from the “Valid and Default Card Types for Client Applications” section is incorrect and should be ignored:

For example, suppose you specify iButton, Cyberflex, and CardA as the validcards properties for Application B. Then you specify Cyberflex as the defaultcard property. If Application B accepts only its default card and the user tries to log in to Application B with CardA, then the system displays the message:

Waiting for Default Card
Login to Application B is blocked until the user inserts a Cyberflex card into the reader.

Document Affected: “Setting Up a Smart Card (Tasks)” in *Solaris Smart Cards Administration Guide*

The “Example--Creating User Information on a Smart Card (Command Line)” section has a property that is named *username*. The property name is incorrect. The property should read *user*.

Document Affected: “OCF Client Properties Overview” in *Solaris Smart Cards Administration Guide* and “Additional Client Configuration Tasks” in *Solaris Smart Cards Administration Guide*

The following note is missing from the “OCF Client Properties Overview” and “Additional Client Configuration Tasks” section.

---

**Note** – Do not set the Re-authentication timeout to zero.

---

Document Affected: “Setting Up a Smart Card (Overview)” in *Solaris Smart Cards Administration Guide*

The following note is missing from the “Setting Up a Smart Card (Overview)” chapter.
Note – Payflex cards do not support multiple profiles. Do not use Payflex cards in cases where a user needs to login to the desktop and one or more secure applications.

Document Affected: Localized New Features List (4389948)

The localized New Features List is not contained in the Installation Kiosk.

Workaround: For a localized list, see “What’s New at a Glance” in Solaris 8 Desktop User Supplement, Solaris 8 System Administration Supplement, Solaris 8 Software Developer Supplement, or Solaris 8 Installation Supplement.


Some graphics in the CDE Users’s Guide in the AnswerBook2 software are unreadable in the Spanish, Italian, and German locales.


Documents Affected: AnswerBook2 Help Collection

The AnswerBook2 software has been upgraded to Version 1.4.3, but the documentation still refers to Version 1.4.2. Except for the number issue, the documentation is correct.


The 4-bit Priority field description reflects RFC 1883, which has been obsoleted by RFC 2460 (Solaris 8 implements RFC 2460). Consequently, the Priority field has been replaced by an 8-bit Traffic Class field. The IPv6 Header Format figure should identify the Traffic Class field instead of the Priority field. The Priority bulleted item on this page should also be replaced by the following Traffic Class description:

Traffic Class - 8 bit traffic class field.
This new value also reduces the number of bits that are allocated to the “Flow Label” field to 20 bits.


The 4-bit Priority field description reflects RFC 1883, which has been obsoleted by RFC 2460 (Solaris 8 implements RFC 2460). Consequently, the Priority field has been replaced by the 8-bit Traffic Class field. The Priority section should be replaced by the following Traffic Classes section.

Traffic Classes

Originating nodes and forwarding routers can use the 8-bit Traffic Class field in the IPv6 header to identify and distinguish between different classes or priorities of IPv6 packets.

The following general requirements apply to the Traffic Class field.

- The service interface to the IPv6 service within a node must provide a means for an upper-layer protocol to supply the value of the Traffic Class bits in packets that were originated by that upper-layer protocol. The default value must be zero for all 8 bits.
- Nodes that support a specific use of some or all of the Traffic Class bits can change the value of those bits in packets that they originate, forward, or receive, as required for that specific use. Nodes should ignore and leave unchanged any bits of the Traffic Class field for which they do not support a specific use.


Step 10c in this procedure incorrectly omits the addition of the up parameter that is required in the line that is added to the /etc/hostname.ip.tun0 file. Consequently, you must add the up parameter at the end of the line entry in this step.


Several corrections apply to this section.

- For the nfs_32_time_ok symbol, do the following.
- Change the symbol name to `nfs_allow_preepoch_time`.
- Change the description to, "This symbol controls whether the NFS client or server allows file timestamps that precede 1970."
- No change to the default description.
- Delete the `nfs_acl_cache` symbol entry.
- Add an `nfs_disable_rddir_cache` symbol entry.
  - Description: Some servers do not properly update the attributes of the directory when changes are made. To allow interoperability with these broken servers, set this variable to disable the readdir cache.
  - Default: Set to `off(0)`.
- For the `nfs_lookup_neg_cache` and `nfs3_lookup_neg_cache` symbols, do the following.
  - Change the default to 1. Ignore the comment about the directory name caching.
- For the `nrnode` symbol, do the following.
  - Change the default description to `set to ncsiz`. By setting the variable to 1, you are effectively disabling the cache, not because an explicit check reveals whether or not the variable 1 but because you are creating a very small cache.
- For the `nfs_write_error_interval` symbol, do the following.
  - Change the description to, "This symbol controls how often NFS ENOSPC and EDQUOT write error messages are logged. The symbols units are in seconds."
  - No change to the default description.


Delete the `nfsreadmap` symbol entry.


For the `authdes_cachesz` symbol, do the following.
- Change the default description to, “Defaults to 1024”.
- Delete the `authkerb_cachesz` symbol entry.
- Delete the `authkerb_win` symbol entry.
Patch List

The patches listed in this appendix have been applied to the Solaris 8 2/04 operating environment in one of the following ways:

- SolStart
  These patches are located in the /var/sadm/patch directory on an installed system.

- Freshbits technology
  These patches were applied when the Solaris 8 2/04 operating environment was created. Therefore, these patches are not located in the /var/sadm/patch directory.

The `showrev -p` command provides a list of all patches applied to the installed system regardless of how they were applied. The Solaris 8 2/04 operating environment includes a known and tested level of patches; however, patches cannot be backed out of the Solaris 8 2/04 operating environment.

**Note** – The Solaris 8 2/04 operating environment contains special patches which perform tasks specific to the Solaris update release installation images. These patches are specific to each Solaris operating environment update release and do not apply to other systems or releases of the Solaris operating environment.

Do not attempt to download or install these patches on other systems or installations of the Solaris operating environment.
Patch List

- **108434-13** – 32-Bit Shared library patch for C++
  4199587 4205763 4214002 4285270 4318566 4338406 4347621 4351467 4353299 4358182 4368974
  4375346 4380359 4381048 4383064 4384942 4386796 4388216 4391089 4398422 4409167 4413674
  4424113 4427153 4460290 4468167 4479619 4480478 4483634 4709155 4710815 4302954

- **108435-13** – 64-Bit Shared library patch for C++
  4199587 4205763 4214002 4285270 4318566 4338406 4347621 4351467 4353299 4358182 4368974
  4375346 4380359 4381048 4383064 4384942 4386796 4388216 4391089 4398422 4409167 4413674
  4424113 4427153 4660290 4668167 4679619 4680478 4683634 4709155 4710815 4302954 4698028

- **108528-29** – SunOS 5.8: kernel update patch
  1231256 1256102 1264230 4009465 4015840 4031220 4044653 4049222 4093980 4103817 4107735
  4111373 4152876 4159348 4166371 4169716 4178572 4182712 4184090 4184705 4203482 4203748

- **108528-29** – SunOS 5.8: kernel update patch
  1231256 1256102 1264230 4009465 4015840 4031220 4044653 4049222 4093980 4103817 4107735
  4111373 4152876 4159348 4166371 4169716 4178572 4182712 4184090 4184705 4203482 4203748

- **108528-29** – SunOS 5.8: kernel update patch
  1231256 1256102 1264230 4009465 4015840 4031220 4044653 4049222 4093980 4103817 4107735
  4111373 4152876 4159348 4166371 4169716 4178572 4182712 4184090 4184705 4203482 4203748

68 Solaris 8 (SPARC Platform Edition) 2/04 Release Notes • February 2004
Appendix A • Patch List
Solaris 8 (SPARC Platform Edition) 2/04 Release Notes • February 2004
I 108609-01 – SunOS 5.8: Buttons/Dials Patch

4299526

I 108623-03 – SunOS 5.8: Thai Wordbreak Iterator module

4389752 4616111

I 108652-74 – X11 6.4.1: Xsun patch

4281374 4292395 4286682 4300866 1221324 4308554 4306350 4312517 4287741 4297581 4297830
4299495 4306774 4308640 4308661 4308670 4311088 4312780 4312893 4305597 4310813 4293861
4311804 4318777 4311685 4317727 4314304 4310120 4299667 4310536 4330738 4332966 4407762
4323892 4333070 4325418 4336308 4314423 4317727 4314304 4310120 4307185 4305597 4323164
433851 4356114
4355797 4356265 4356509 4380139 4379301 4373395 4296832 4363016
4412237 4417526 4426011
4423176 4426211 4426749 4431083 4442228 4286595 4463182 4456668 4472746 4476572 4476723
4477592 4468374 4481649 4492263 4512116 4502405 4521187 4530475 4616475 4632595 4531901
4668719 4672129 4682681 4452851 4633941 4684877 4692693 4737335 4749353 4769331 4735033
4809395 4810073 4823882 4692955 4788379 4850359 4910937

I 108609-01 – SunOS 5.8: Buttons/Dials Patch

4299526

I 108623-03 – SunOS 5.8: Thai Wordbreak Iterator module

4389752 4616111

I 108652-74 – X11 6.4.1: Xsun patch

4281374 4292395 4286682 4300866 1221324 4308554 4306350 4312517 4287741 4297581 4297830
4299495 4306774 4308640 4308661 4308670 4311088 4312780 4312893 4305597 4310813 4293861
4311804 4318777 4311685 4317727 4314304 4310120 4299667 4310536 4330738 4332966 4407762
4323892 4333070 4325418 4336308 4314423 4317727 4314304 4310120 4307185 4305597 4323164
433851 4356114
4355797 4356265 4356509 4380139 4379301 4373395 4296832 4363016
4412237 4417526 4426011
4423176 4426211 4426749 4431083 4442228 4286595 4463182 4456668 4472746 4476572 4476723
4477592 4468374 4481649 4492263 4512116 4502405 4521187 4530475 4616475 4632595 4531901
4668719 4672129 4682681 4452851 4633941 4684877 4692693 4737335 4749353 4769331 4735033
4809395 4810073 4823882 4692955 4788379 4850359 4910937

I 108693-06 – Solstice DiskSuite 4.2.1: Product patch

4245611 4298103 4286503 4308079 4289828 4285224 4259974 4330572 4331942 4292555 4317655
4317508 4298595 4323134 4380223 4429893 4361013 4345615 4452985 4459665 4467367 4466980
4471653 4477775

I 108711-04 – Solaris 8: Missing Catalan Locale Support

4305956 4328876 4337258

I 108712-01 – CDE 1.4; Cannot print extended characters from dtcm in Partial locales

4306687

I 108714-08 – CDE 1.4: libDtWidget patch

4289349 4321139 4360030 4521757 4776648

I 108723-01 – SunOS 5.8: /kernel/fs/lofs and /kernel/fs/sparcv9/lofs patch

4126922

I 108725-14 – SunOS 5.8: st driver patch

4787416 4838222 4847054 4880222 4286312 4846090 4680913 4855596 4843234 4781056 4889164

72 Solaris 8 (SPARC Platform Edition) 2/04 Release Notes • February 2004
108727-25 – SunOS 5.8: /kernel/fs/nfs and /kernel/fs/sparcv9/nfs patch

108734-02 – Polish UTF-8 Support Solaris 8

108735-03 – u.RU.KOI8-R: Cannot cut and paste cyrrilic between dtapps

108773-18 – SunOS 5.8: IIIM and X Input & Output Method patch

108781-02 – SunOS 5.8: Get UDCTool to work for zh_TW

108806-17 – SunOS 5.8: Sun Quad FastEthernet qfe driver

108808-44 – SunOS 5.8: Manual Page updates for Solaris 8
4388763 4394740 4398147 4398148 4398152 4398196 4398301 4331001

- 108813-16 – SunOS 5.8: Sun Gigabit Ethernet 3.0

- 108820-02 – SunOS 5.8: nss_compat.so.1 patch

- 108823-01 – SunOS 5.8: compress/uncompress/zcat patch

- 108835-04 – CDE 1.4: dtcm patch

- 108869-22 – SunOS 5.8: snmpd/mibiisa/libssasnmplib/snmplib patch

- 108897-01 – X11 6.4.1 Xprint patch

- 108899-04 – SunOS 5.8: /usr/bin/ftp patch

- 108909-13 – CDE 1.4: Smart Card Administration GUI patch

- 108914-02 – SunOS 5.8: localisation updates for different components

- 108919-20 – CDE 1.4: dtlogin patch

- 108921-17 – CDE 1.4: dtwm patch

- 108923-01 – CDE 1.4: dtwm patch

- 108925-10 – Solaris 8: New Messages for new I18N projects(Sync with UR5 B6)
- 108933-01 – Hex broken in Swedish dtcalc, Mistranslation in Spanish dtmail

- 108940-57 – Motif 1.2.7 and 2.1.1: Runtime library patch for Solaris 8

- 108949-07 – CDE 1.4: libDtHelp/libDtSvc patch

- 108954-02 – SunOS 5.8: localisation updates for different components

- 108956-01 – SunOS 5.8: htt_server dumps core on SCH's cm.so in utf-8 locales

- 108962-01 – SunOS 5.8: XmlReader fails on an HTTP stream

- 108964-06 – SunOS 5.8: /usr/sbin/snoop patch

- 108968-08 – SunOS 5.8: vold/vold/mount/dev_pcmem.so.1 patch

- 108970-01 – SunOS 5.8: /usr/lib/fs/pcfs/fsck and /usr/lib/fs/pcfs/mkfs patch

- 108972-04 – SunOS 5.8: /sbin/fdisk patch

Appendix A • Patch List
- 108975-08 – SunOS 5.8: /usr/bin/rmformat and /usr/sbin/format patch
- 108977-02 – SunOS 5.8: libsmedia patch
- 108981-12 – SunOS 5.8: /kernel/drv/hme and /kernel/drv/sparcv9/hme patch
- 108982-09 – SunOS 5.8: fctl/fp/fcp/usoc driver patch
- 108984-08 – SunOS 5.8: qlc patch
- 108985-03 – SunOS 5.8: /usr/sbin/in.rshd patch
- 108987-13 – SunOS 5.8: Patch for patchadd and patchrm
- 108989-02 – SunOS 5.8: /usr/kernel/sys/acctctl and /usr/kernel/sys/exacctsys patch
- 108993-31 – SunOS 5.8: LDAP2 client, libc, libthread and libnsl libraries patch
Appendix A • Patch List

- **108995-06** – SunOS 5.8: /usr/lib/libproc.so.1 patch

- **108999-01** – SunOS 5.8: PAM patch

- **109003-01** – SunOS 5.8: /etc/init.d/acctadm and /usr/sbin/acctadm patch

- **109007-13** – SunOS 5.8: at/atrm/batch/cron patch

- **109009-02** – SunOS 5.8: /etc/magic and /usr/bin/file patch

- **109011-01** – SunOS 5.8: /usr/bin/id and /usr/xpg4/bin/id patch

- **109013-02** – SunOS 5.8: /usr/bin/lastcomm patch

- **109015-01** – SunOS 5.8: /usr/bin/newtask patch

- **109017-01** – SunOS 5.8: /usr/bin/pgrep and /usr/bin/pkill patch
- 109019-02 – SunOS 5.8: /usr/bin/priocntl patch
- 109021-01 – SunOS 5.8: /usr/bin/projects patch
- 109023-02 – SunOS 5.8: /usr/bin/sparcv7/ps and /usr/bin/sparcv9/ps patch
- 109025-04 – SunOS 5.8: /usr/bin/sparcv7/truss and /usr/bin/sparcv9/truss patch
- 109027-01 – SunOS 5.8: /usr/bin/wracct patch
- 109029-02 – SunOS 5.8: perl patch
- 109031-01 – SunOS 5.8: projadd/projdel/projmod patch
- 109033-01 – SunOS 5.8: /usr/bin/sparcv7/prstat and /usr/bin/sparcv9/prstat patch
- 109035-02 – SunOS 5.8: useradd/userdel/usermod patch
- 109037-01 – SunOS 5.8: /var/yp/Makefile and /var/yp/nicknames patch
- 109043-02 – SunOS 5.8: sonode adb macro patch
- 109068-01 – Japanese CDE 1.4: Update Japanese CDE help files
- 109070-05 – SunOS 5.8: fix WBEM improper Japanese messages and update
- 109072-08 – CDE 1.4: (Japanese) sdtsmartcardadmin update
- 109077-12 – SunOS 5.8: dhcp server and admin patch
- 109087-01 – SunOS 5.8: atok8 terminates "Shell widget modeShell has zero..."

- 109091-06 – SunOS 5.8: /usr/lib/fs/ufs/ufsrestore patch

- 109093-11 – SunOS 5.8: JFP message files patch

- 109094-01 – SunOS 5.8: /usr/sbin/in.routed patch

- 109128-01 – Provide conversion between codepages 1256 and ISO8859-6

- 109131-10 – SunOS 5.8: JFP manpages patch

- 109133-02 – SunOS 5.8: localisation updates for different components

- 109134-28 – SunOS 5.8: WBEM patch

- 109142-07 – CDE 1.4: dtterm libDtTerm patch

- 109145-01 – SunOS 5.8: /usr/sbin/in.routed patched

- 109147-26 – SunOS 5.8: linker patch
I

109149-02 – SunOS 5.8: /usr/sbin/mkdevmaps and /usr/sbin/mkdevalloc patch

109152-02 – SunOS 5.8: /usr/lib/libc.so.x.9 and libdbm patch

109154-20 – SunOS 5.8: PGX32 Graphics

109157-20 – SunOS 5.8: messages updates for Asian ko/zh/zh_TW locales

109159-03 – SunOS 5.8: Chinese iconv module updates

109159-15 – CDE 1.4: dtfile patch

109165-13 – CDE 1.4: Desktop Help Updates Patch

109167-01 – CDE 1.4: Desktop Help Updates Patch

109169-12 – CDE 1.4: Window Manager Enhancements Patch
- 109107-05 – CDE 1.4: Japanese patch to sync base CDE update
- 109179-04 – SunOS 5.8: localisation updates for SmartCard and Removable Media
- 109189-05 – SunOS 5.8: ifp driver patch
- 109200-02 – SunOS 5.8: l10n updates: Removable Media, Window Mgr & Pam Proj
- 109202-05 – SunOS 5.8: /kernel/misc/gld and /kernel/misc/sparcv9/gld patch
- 109223-03 – SunOS 5.8: kpasswd, libgss.so.1 and libkadm5clnt.so.1 patch
- 109238-02 – SunOS 5.8: /usr/bin/sparcv7/ipcs and /usr/bin/sparcv9/ipcs patch
- 109244-02 – SunOS 5.8: SPECIAL PATCH: replace SUNWcstlx and SUNWucbtx pkginfos
- 109247-01 – Bad translation causes core dump in German install
- 109249-01 – Help not localised for the dhcpmgr
- 109255-01 – Unlocalised buttons on user-interface of dhcpmgr
- 109264-01 – Graphics missing from Help in Smart Card
- 109277-03 – SunOS 5.8: /usr/bin/iostat patch
- 109318-33 – SunOS 5.8: suninstall Patch
Solaris 8 (SPARC Platform Edition) 2/04 Release Notes • February 2004
• 109463-01 – OpenWindows 3.6.2 Filemgr Patch

• 109470-02 – CDE 1.4: Actions Patch

• 109529-06 – SunOS 5.8: luxadm, liba5k and libg_fc patch

• 109552-01 – SunOS 5.8: FIGSS-UTF.8, Removable media manager unlocalised

• 109564-01 – SunOS 5.8: Removable Media Mgr, Missing floppy error unlocalised

• 109568-03 – SunOS 5.8: sys-suspend need to support low power mode

• 109569-01 – OpenWindows 3.6.2: imagetool patch

• 109573-01 – SunOS 5.8: dhcpmgr help graphics not displayed correctly

• 109576-01 – SunOS 5.8: mountall and fsckall patch

• 109582-02 – CDE 1.4: sdtaudio patch

• 109607-02 – SunOS 5.8: /usr/include/iso/stdlib_iso.h patch

• 109609-01 – SunOS 5.8: UTF-8 Korean attached text becomes garbled

• 109613-06 – CDE 1.4: dtmail patch

• 109622-01 – SunOS 5.8: env LANG=zh_TW dtterm doesn’t work in partial zh_TW.UTF-8
- 109639-02 – SunOS 5.8: the locale has errors in / lacks some LC_CTYPE definitions

- 109642-01 – SunOS 5.8: /usr/include/sys/dkio.h patch

- 109657-09 – SunOS 5.8: isp driver patch

- 109667-05 – SunOS 5.8: /usr/lib/inet/xntpd and /usr/sbin/ntpdpatch

- 109679-01 – SunOS 5.8: /usr/share/lib/smartcard/ibutton.jar patch

- 109692-03 – SunOS 5.8: Information: File contents are out of date

- 109704-03 – SunOS 5.8: Japanese iconv patch

- 109718-01 – SunOS 5.8: SPECIAL PATCH: class action replacement scripts (SU2)

- 109727-01 – SunOS 5.8: /usr/sadm/admin/printmgr/classes/pmclient.jar patch

- 109729-01 – SunOS 5.8: /usr/bin/cat patch

- 109748-03 – CDE 1.4: sdtaudiocontrol patch

- 109750-03 – Solaris 8: translation update and sync with base team’s PDA images

- 109752-01 – Solaris 8: UI of admintool is lost in partial installation

- 109754-01 – OpenWindows 3.6.1 (Japanese): update for power mgt util for s28u2

- 109764-04 – SunOS 5.8: /kernel/fs/hsfs and /kernel/fs/sparcv9/hsfs patch

- 109766-02 – SunOS 5.8: SUNWjxmft and SUNWjxcft patch for 8/10 dot font.
I
109778-13 – SunOS 5.8: Misc loc have errors in CTYPE and lv colln monetary

I
109783-02 – SunOS 5.8: /usr/lib/nfs/nfsd and /usr/lib/nfs/lockd patch

I
109785-01 – SunOS 5.8: /etc/inittab patch

I
109793-23 – SunOS 5.8: su driver patch

I
109803-01 – SunOS 5.8: /usr/bin/du and /usr/xpg4/bin/du patch

I
109805-17 – SunOS 5.8: /usr/lib/security/pam_krb5.so.1 patch

I
109807-01 – SunOS 5.8: /usr/sbin/dumpadm patch

I
109809-01 – SunOS 5.8: timezone data patch for Australasia

I
109813-01 – SunOS 5.8: /usr/include/memory.h patch

I
109815-19 – SunOS 5.8: se, acebus, pcf8574, pcf8591 and scsb patch

I
109862-03 – X11 6.4.1 Font Server patch

I
109868-05 – SunOS 5.8: WOS Help File Update

I
109872-01 – SunOS 5.8: vis driver patch

Appendix A • Patch List 85
- **109873-24** – SunOS 5.8: prtdiag and platform libprtdiag_psr.so.1 patch

4118537 4130278 4248666 4258820 4286659 4302737 4319714 4326851 4332032 4336443
4337039 4338306 4339157 4339689 4341185 4342594 4352438 4353761 4353762 4357014
4361157 4362289 4362805 4363440 4363858 4363907 4364924 4366990 4366996 4367573
4369175 4370121 4370746 4372567 4373616 4378517 4380560 4381743 4382538 4384142
4384394 4386281 4386308 4386743 4387908 4391856 4393194 4394092 4395922 4398426
4399865 4401725 4402759 4404295 4404954 4404992 4408182 4409825 4409888 4410173
4410299 4413285 4421202 4422397 4423418 4430036 4431194 4433598 4451120 4453074
4454212 4454748 4464593 4469888 4474033 4481541 4482300 4483884 4485229 4487110
4489639 4495676 4504351 4507312 4515266 4519271 4526901 4531177 4532965 4546219
4561050 4625181 4636540 4654961 4658527 4661192 4664349 4665239 4673645 4679219 4712117
4715664 4718737 4721200 4726050 4729275 4749542 4771316 4773830 4776340 4790968
4782814 4784977 4796798 4801542 4806961 4808786 4810029 4820668 4827687 4828441
4828570 4830094 4833626 4834149 4834344 4835422 4841716 4843188 4845568 4849725
4901725 4934546 4935587

- **109876-02** – SunOS 5.8: fd driver patch

4271682 4333588 4336201 4382509

- **109877-01** – SunOS 5.8: /usr/include/sys/dma_i8237A.h patch

4333588

- **109879-02** – SunOS 5.8: isadma driver patch

4334446 4346495 4358337

- **109881-02** – SunOS 5.8: 1394 adb macros patch

4329522 4330882 4331744 4351774

- **109882-06** – SunOS 5.8: eri header files patch

4231424 4327054 4345671 4345969 4346842 4367935 4378440 4384967 4386544 4396082 4518457
4528597 4546894 4599774 4637678

- **109883-02** – SunOS 5.8: /usr/include/sys/ecpSys.h patch

1167460 4241460 4250652 4257428 4270674 4271686 4275074 4275092 4275119 4275200 4275205
4276209 4295173 4297052 4299441 4299456 4299460 4299467 4299470 4299621 4299631 4301029
4301079 4301556 4309750 4310788 4314412 4314419 4329805 4349418 4364900

- **109885-14** – SunOS 5.8: glm patch

4105425 4105459 4105493 4106966 4136950 4171405 4171423 4171429 4171438 4171717 4171731
4171733 4171738 4171747 4249502 4258589 4310491 4310501 4310502 4310508 4324244 4324250
4329411 4331145 4331147 4334348 4334505 4337546 4338033 4340982 4341851 4342624 4345567
4347753 4377141 4400052 4402996 4405933 4416758 4450607 4459104 4470577 4474925 4478315
4479986 4486385 4501545 4527136 4623973 4661880 4661612 4741149 4744095 4770492 4776340
4799457 4819026 4823893

- **109887-17** – SunOS 5.8: smartcard and sbin/ocfserv patch

4252211 4259952 4260074 4275177 4288077 4290329 4293165 4293939 4298260 4305335 4306126
4315034 4322446 4330625 4332392 4341789 4341792 4343702 4343711 4346640 4352242 4352260
4352312 4352345 4353105 4355630 4366137 4369364 4389861 4390593 4396204 4401809 4418518
4420910 4423025 4423038 4423901 4423932 4426474 4429492 4434303 4445519 4449515 4451847
4454879 4462472 4480706 4487753 4506457 4509396 4513319 4516697 4523037 4523207 4524468
Appendix A • Patch List  87

- 109889-07 – SunOS 5.8: usr platform links and libc_psr patch
- 109890-01 – SunOS 5.8: pmserver.jar patch
- 109892-04 – SunOS 5.8: /kernel/drv/sparcv9/ecpp patch
- 109893-04 – SunOS 5.8: stc driver patch
- 109894-01 – SunOS 5.8: bpp patch

Appendix A

87
- 109898-05 – SunOS 5.8: /kernel/drv/arp patch
- 109900-02 – SunOS 5.8: /etc/init.d/network and /sbin/ifparse patch
- 109902-03 – SunOS 5.8: /usr/lib/inet/in.ndpd patch
- 109920-09 – SunOS 5.8: pcic and busra driver patch
- 109922-04 – SunOS 5.8: pcelx and pcser driver patch
- 109924-04 – SunOS 5.8: pcata driver patch
- 109926-02 – SunOS 5.8: /kernel/drv/pem and /kernel/drv/sparcv9/pem patch
- 109928-05 – SunOS 5.8: pcmem and pcmcia patch
- 109931-06 – CDE 1.4: sdtimage Patch
- 109933-02 – SunOS 5.8: mv, cp, ln patch
- 109936-01 – SunOS 5.8: /usr/bin/diff patch
- 109950-01 – SunOS 5.8: jserver buffer overflow
- 109960-01 – CDE 1.4: sdtpemeter patch
- 109990-01 – SunOS 5.8: /usr/ccs/bin/dis patch
- 109992-01 – Thai prolog.ps is incorrect.
- 109994-02 – SunOS 5.8: /usr/bin/sparcv7/adb and /usr/bin/sparcv9/adb patch
- 110019-06 – SunOS 5.8: JFP install/sysadm messages patch
- 110044-01 – SunOS 5.8: iswalpha() can’t work well in zh.GBK locale
- 110053-02 – Arabic locale has errors in / lacks some LC_CTYPE definitions
- 110065-01 – SunOS 5.8: New features added to install
- 110068-02 – CDE 1.4: PDASync patch
- 110075-01 – SunOS 5.8: /kernel/drv/devinfo and /kernel/drv/sparcv9/devinfo patch
- 110088-02 – CDE 1.4: DtPower patch
- 110127-04 – SunOS 5.8: Generic Framebuffer configuration Graphics Patch
- 110150-04 – SunOS 5.8: rasctrl driver patch
- 110165-04 – SunOS 5.8: /usr/bin/sed patch
- 110206-01 – sdtwinlst and sdtgwm utf8 unlocalised
- 110221-07 – SunOS 5.8: Dcam1394 patch
- 110251-01 – SunOS 5.8: Sort error in hu locale
- 110269-01 – SunOS 5.8: /usr/lib/libnisdb.so.2 patch
- 110274-03 – SunOS 5.8: Figgs Custom install new features and install help
- 110283-06 – SunOS 5.8: mkfs and newfs patch
- 110285-02 – SunOS 5.8: consconfig_dacf patch
- 110286-11 – OpenWindows 3.6.2: Tooltalk patch
- 110320-03 – SunOS 5.8: /kernel/misc/sparcv9/s1394 patch
- 110322-02 – SunOS 5.8: /usr/lib/netsvc/yp/ypbind patch
- 110326-02 – CDE 1.4: dtstyle patch
- 110335-02 – CDE 1.4: dtprintinfo patch
- 110364-02 – SunOS 5.8: Add L10N sdtypesbinder files
- 110368-02 – SunOS 5.8: pcf8574 driver patch for SUNW,Sun-Fire-280R
- 110369-05 – SunOS 5.8: sgcn patch
- 110370-03 – SunOS 5.8: SUNW,Sun-Fire usr platform links patch
- 110371-03 – SunOS 5.8: serengeti support, Update3, sgfru patch
- 110373-05 – SunOS 5.8: /platform/SUNW,Sun-Fire/kernel/drv/sparcv9/sgsbbc patch
- 110374-08 – SunOS 5.8: /platform/SUNW,Sun-Fire/kernel/drv/sparcv9/sgenv patch
<table>
<thead>
<tr>
<th>Patch Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>110375-05</td>
<td>SunOS 5.8: /platform/SUNW,Sun-Fire/kernel/drv/sparcv9/ssm patch</td>
</tr>
<tr>
<td>110376-01</td>
<td>SunOS 5.8: littleneck support, usr_platform patch, S8 Update 3</td>
</tr>
<tr>
<td>110378-06</td>
<td>SunOS 5.8: mipagent patch Mobile IP</td>
</tr>
<tr>
<td>110379-01</td>
<td>SunOS 5.8: littleneck support, gpio patch</td>
</tr>
<tr>
<td>110380-04</td>
<td>SunOS 5.8: ufssnapshots support, libadm patch</td>
</tr>
<tr>
<td>110381-01</td>
<td>SunOS 5.8: ufssnapshots support, clri patch</td>
</tr>
<tr>
<td>110382-03</td>
<td>SunOS 5.8: ufssnapshots support, fssnap kernel, S8 Update 3</td>
</tr>
<tr>
<td>110385-04</td>
<td>SunOS 5.8: RCM modules patch</td>
</tr>
<tr>
<td>110386-03</td>
<td>SunOS 5.8: RBAC Feature Patch</td>
</tr>
<tr>
<td>110387-05</td>
<td>SunOS 5.8: ufssnapshots support, ufsdump patch</td>
</tr>
<tr>
<td>110388-01</td>
<td>SunOS 5.8:</td>
</tr>
<tr>
<td>110389-05</td>
<td>SunOS 5.8: cvc CPU signature</td>
</tr>
<tr>
<td>110394-01</td>
<td>SunOS 5.8: German Euro locale appears different than any other locale</td>
</tr>
<tr>
<td>110407-02</td>
<td>CDE 1.4 Sdttypes patch</td>
</tr>
</tbody>
</table>
- 110416-03 – SunOS 5.8: ATOK12 patch
  4361738 4372858 4384092 4443974
- 110418-01 – SunOS 5.8: Japanese font patch
  4349869 4426597 4450211
- 110428-01 – SunOS 5.8: New Turkish UTF-8 locale
  4368177
- 110453-04 – SunOS 5.8: admintool Patch
  4327605 4354306 4447234 4509669
- 110457-05 – SunOS 5.8: scmi2c driver patch
  4282989 4349315 4401809 4435178 4468337 4469751 4627973
- 110458-02 – SunOS 5.8: libcurses patch
  4313067 4398331
- 110461-03 – SunOS 5.8: tcompat patch
  4137086 4335144 4587859
- 110503-01 – SunOS 5.8: Polish locale monetary incorrect
  4380484
- 110511-05 – SunOS 5.8: rpc.nisd patch
  4280714 4326943 4411880 4411929 4471041 4686223
- 110603-01 – CDE 1.4: sdtname patch
  4149628 4235799
- 110605-02 – Motif 2.1.1 uil patch for Solaris 8
  4404810 4385838
- 110609-04 – SunOS 5.8: cdio.h and command.h USB header patch
  4358054 4369151 4458516 4749894 4750558 4776340
- 110611-01 – SunOS 5.8: lp.cat and postio ECP patch
  4310788 4329805 4349418 4364900
- 110614-02 – SunOS 5.8: ses driver patch
  4319620 4319764 4414946
- 110615-10 – SunOS 5.8: sendmail patch
  1119353 1254405 4086468 4304080 4317819 4329124 4329128 4329131 4332599 4344081 4344537 4357054 4361623 4367646 4368934 4374955 4384437 4388375 4402056 4419745 4419827 4462997 4481125 4487115 4493726 4497686 4527557 4651929 4655363 4756570 4809539 4835344 4839862 4925761
- 110662-12 – SunOS 5.8: ksh patch
Appendix A • Patch List

- 110668-04 – SunOS 5.8: /usr/sbin/in.telnetd patch
- 110670-01 – SunOS 5.8: /usr/sbin/static/rcp patch
- 110702-01 – SunOS 5.8: mknetid patch
- 110710-01 – SunOS 5.8: nscd patch
- 110716-02 – SunOS 5.8: Solaris Product Registry 3.0 patch
- 110723-06 – SunOS 5.8: /kernel/drv/sparcv9/eri patch
- 110724-01 – SunOS 5.8: liblayout patch
- 110745-01 – SunOS 5.8: toolbox syntax correction
- 110750-01 – SunOS 5.8: TCX Graphics Patch
- 110752-01 – SunOS 5.8: Uninstaller doesn’t come up with error messages
- 110754-03 – SunOS 5.8: UR3 new features WBEM updates
- 110756-02 – SunOS 5.8: UR3 new features DCL updates
- 110758-03 – SunOS 5.8: UR3 new features SMC updates
- 110764-03 – SunOS 5.8: UR3 new features MGP updates
- 110766-03 – SunOS 5.8: s28_u4 SUNW0mp update
- 110794-05 – SunOS 5.8: dr_daemon patch
- 110797-02 – SunOS 5.8: UR4 New int
- 110811-01 – SunOS 5.8: libnls patch
- 110813-01 – SunOS 5.8: libxfn patch
- 110815-01 – SunOS 5.8: libmp patch
- 110817-01 – SunOS 5.8: aptrace and interceptors patch
- 110820-10 – SunOS 5.8: /platform/SUNW,Sun-Fire-15000/kernel/drv/sparcv9/dman patch
- 110821-02 – SunOS 5.8: iosram driver patch
- 110822-01 – SunOS 5.8: mboxsc driver patch
- 110823-04 – SunOS 5.8: fcode patch
- 110824-04 – SunOS 5.8: fcpci driver patch
- 110825-03 – SunOS 5.8: fcodem driver patch
- 110826-09 – SunOS 5.8: platform/SUNW,Sun-Fire-15000/kernel/drv/sparcv9/schpc patch
- 110828-02 – SunOS 5.8: sbbc driver patch
- 110829-02 – SunOS 5.8: /platform/sun4u/kernel/tod/sparcv9/todstarcat patch
- 110830-02 – SunOS 5.8: /platform/SUNW,Sun-Fire-15000/lib/cvcd patch
- 110831-02 – SunOS 5.8: /platform/SUNW,Sun-Fire-15000/kernel/drv/sparcv9/cvc patch
- 110832-01 – SunOS 5.8: cvcredir patch
- 110833-01 – SunOS 5.8: usr platform links
- 110835-06 – SunOS 5.8: platform/sun4u/kernel/misc/sparcv9/gptwo_cpu patch
- 110836-05 – SunOS 5.8: /platform/sun4u/kernel/misc/sparcv9/gptwocfg patch
- 110837-05 – SunOS 5.8: efcode patch
- 110839-04 – SunOS 5.8: /usr/lib/rcm/modules/SUNW_ip_rcm.so patch
- 110840-03 – SunOS 5.8: bbc patch
- 110841-01 – SunOS 5.8: gptwo patch
- 110842-11 – SunOS 5.8: hpc3130 driver patch for SUNW,Sun-Fire-880
- 110844-02 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/lm75 patch
- 110845-03 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/ltc1427 patch
- 110846-02 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/pcf8574 patch
- 110847-02 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/pcf8591 patch
- 110848-02 – SunOS 5.8: pcicfg patch
- 110851-02 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/ssc050 patch
- 110852-03 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/ssc100 patch
- 110853-02 – SunOS 5.8: SUNW,Sun-Fire-880 usr platform links patch
- 110854-02 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/smbus_ara patch
- 110856-01 – SunOS 5.8: /etc/inet/services patch
- 110864-01 – SunOS 5.8: Need to back port fixes for SUNW_PKGLIST for ALC packages
- 110867-01 – SunOS 5.8: Need to back port fixes for SUNW_PKGLIST for ALC packages
- 110885-01 – SunOS 5.8: JFP Solaris Product Registry 3.0 patch
- 110888-01 – SunOS 5.8: s28u4_06,figgs,New and updated message strings
- 110896-02 – SunOS 5.8: cachefs/mount patch
- 110898-08 – SunOS 5.8: csh/pfcsh patch
- 110900-09 – SunOS 5.8: /platform/sun4u/kernel/misc/sparcv9/pcicfg.e patch
- 110901-01 – SunOS 5.8: /kernel/drv/sgen and /kernel/drv/sparcv9/sgen patch
- 110903-05 – SunOS 5.8: edit, ex, vedit, vi and view patch
- 110905-02 – SunOS 5.8: /usr/bin/find patch
- 110907-01 – SunOS 5.8: /usr/include/arpa/inet.h patch
- 110910-02 – SunOS 5.8: /usr/lib/fs/ufs/fsck patch
  4225018 4632750
- 110912-04 – SunOS 5.8: cfgadm patch
  4301920 4301922 4301984 4387104 4433560 4495168 4702032
- 110914-01 – SunOS 5.8: /usr/bin/tr patch
  4366964
- 110916-04 – SunOS 5.8: sort patch
  4300461 4303258 4304444 4314724 4330831 4334641 4338929 4343080 4351862 4352007 4357085
  4361114 4366860 4378104 4387178 4404621 4451778 4451806 4453614 4458210 4459820 4461330
  4465880 4466463 4467793 4468133 4468450 4470641 4477894 4478393 4532657
  4711217 4852595 4868185 4869242
- 110927-01 – SunOS 5.8: Need to backport fixes in SUNW_PKGLIST in s8u4
  4399235
- 110934-14 – SunOS 5.8: pkgtrans, pkgadd, pkgchk, pkgmk and libpkg.a patch
  4025718 4136905 4318844 4331907 4361742 4378183 4386585 4393303 4394391 4416430 4435976
  4451305 4489170 4500047 4509898 4516367 4529044 4531585 4720211 4737594 4786593
  4813860
- 110939-01 – SunOS 5.8: /usr/lib/acct/closewtmp patch
  4352064
- 110941-03 – SunOS 5.8: sar and sadc patch
  4026830 4449667 4472070
- 110943-01 – SunOS 5.8: /usr/bin/tcsh patch
  4384076
- 110945-08 – SunOS 5.8: /usr/sbin/syslogd patch
  4243984 4309712 4323101 4336917 4357072 4357732 4374785 4385688
  4386798 4408797 4413974 4416744 4424387 4429942 4463575 4476741 4477565 4519254
  4558909
  4614036 4665297 4670382 4670414 4679408 4674435 4705713 4772471 4787413
  4812764
- 110951-04 – SunOS 5.8: /usr/sbin/tar and /usr/sbin/static/tar patch
  4063224 4481801 4508100 4662552 4697540 4756186
- 110953-04 – SunOS 5.8: /usr/kernel/drv/lle2 patch
  4333560 4375787 4400795 4587859 4644260
- 110955-04 – SunOS 5.8: /kernel/strmod/timod patch
  4380632 4453050 4587859 4621295
- 110957-02 – SunOS 5.8: /usr/bin/mailx patch
- 110986-02 – SunOS 5.8: SMC help fix
- 111008-06 – SunOS 5.8: Update Asia SUNWreg to sync with base changes for S8UR5
- 111016-01 – SunOS 5.8: /usr/bin/sdiff patch
- 111018-01 – SunOS 5.8: /etc/driver_aliases patch for gpio
- 111023-03 – SunOS 5.8: /kernel/fs/mntfs and /kernel/fs/sparcv9/mntfs patch
- 111041-04 – SunOS 5.8: su and su_pnp driver patch
- 111049-03 – SunOS 5.8: /platform/SUNW,Ultra-Enterprise-10000/lib/cvcd patch
- 111069-01 – SunOS 5.8: bsmunconv overwrites root cron tab if cu created /tmp/root
- 111071-01 – SunOS 5.8: cu patch
- 111073-01 – SunOS 5.8: re_comp header patch
- 111075-02 – X11 6.4.1: keyboards patch
- 111098-01 – SunOS 5.8: ROC timezone should be avoided for political reasons
- 111111-03 – SunOS 5.8: /usr/bin/nawk patch
- 111141-03 – SunOS 5.8: /usr/bin/last patch
- 111197-02 – SunOS 5.8: nfs mount of a file > 2GB is impossible
- 111225-02 – SunOS 5.8: tail reserves 2G when reading from a stdin

- 111231-04 – SunOS 5.8: Solaris user registration patch

- 111232-01 – SunOS 5.8: patch in.fingerd

- 111234-01 – SunOS 5.8: patch finger

- 111265-01 – SunOS 5.8: patch who

- 111269-03 – SunOS 5.8: Solaris Management Console patch

- 111275-01 – SunOS 5.8: New features Solaris 8 Update 5 European

- 111295-01 – SunOS 5.8: /usr/bin/sparcv7/pstack & /usr/bin/sparcv9/pstack patch

- 111297-01 – SunOS 5.8: /usr/lib/libsendfile.so.1 patch

- 111302-03 – SunOS 5.8: EDHCP libraries patch

- 111304-01 – SunOS 5.8: /kernel/misc/nfs_dlboot patch

- 111306-05 – SunOS 5.8: ufsboot and inetboot patch

- 111308-04 – SunOS 5.8: /usr/lib/libmtmalloc.so.1 patch

- 111310-01 – SunOS 5.8: /usr/lib/libdhcpagent.so.1 patch

- 111313-01 – SunOS 5.8: Viper tools are very slow to load

- 111317-05 – SunOS 5.8: /sbin/init and /usr/sbin/init patch

- 111319-01 – SunOS 5.8: /usr/sbin/in.rdisc patch
- 111321-03 – SunOS 5.8: klmmod and klmops patch

- 111323-01 – SunOS 5.8: /usr/xpg4/bin/more patch

- 111325-02 – SunOS 5.8: /usr/lib/saf/ttymon patch

- 111327-05 – SunOS 5.8: libsocket patch

- 111332-08 – SunOS 5.8: /usr/lib/dcs patch

- 111335-20 – SunOS 5.8: Sun-Fire-15000 dr, gptwo_pci & sc_gptwocfg drivers patch

- 111359-02 – SunOS 5.8: SPECIAL PATCH: postinstall replacement scripts (S8U6)

- 111360-02 – SunOS 5.8: SPECIAL PATCH: postinstall replacement scripts (S8U6)

- 111368-01 – SunOS 5.8: /usr/bin/groups patch

- 111380-01 – solregis: Japanese message patch

- 111382-01 – X11 6.4.1: keyboards patch

- 111386-01 – SunOS 5.8: s28u6 Euro bug fixing

- 111398-01 – SunOS 5.8: parse_dynamic_clustertoc needs to use dynamic_tests
- 111400-02 – SunOS 5.8: KCMS configure tool has a security vulnerability
  4415570 4774256
- 111415-05 – SunOS 5.8: SPECIAL PATCH: postinstall replacement scripts (S8U&)  
  111439-02 – SunOS 5.8: /kernel/fs/tmpfs patch
  4356012 4415160 4682537
- 111471-05 – SunOS 5.8: Bug fixes for mp in asian locale printing bugs
  4413076 4426344 4428395 4501631 4502513 4502970 4503472 4724107 4830572
- 111481-01 – OpenWindows 3.6.2: clock Patch
  4443940
- 111498-04 – SunOS 5.8: PS2 Keyboard/mouse patch
  4456340 4462332 4473496 4286023 4309431 4351910 4359774 4433935 4493395 4501840 4502088
- 111504-01 – SunOS 5.8: /usr/bin/tip patch
  4330475 4430971
- 111548-01 – SunOS 5.8: catman, man, whatis, apropos and makewhatis patch
  4392144 4434978
- 111562-02 – SunOS 5.8: /usr/lib/librt.so.1 patch
  4285279 4288759 4526005
- 111570-02 – SunOS 5.8: uucp patch
  4416701 4686442
- 111588-04 – SunOS 5.8: /kernel/drv/ws and /kernel/fs/specfs patch
  1101389 4013043 4223214 4445656 4587859 4614329
- 111596-03 – SunOS 5.8: /usr/lib/netsvc/yp/rpc.yppasswdd patch
  4283355 4392250 4456994 4466065
- 111606-04 – SunOS 5.8: /usr/sbin/in.ftpd patch
  4244544 4436988 4445755 4446600 4451524 4452705 4714534 4758151
- 111624-04 – SunOS 5.8: /usr/sbin/inetd patch
  4132950 4314498 4343874 4345189 4383820
- 111626-03 – OpenWindows 3.6.2: Xview Patch
  4458476 4690979 4719994
- 111647-01 – BCP libmle buffer overflow
  4468138
- 111657-01 – SunOS 5.8: Neide, atata and disk_ata.conf driver patch
  4466044
- 111661-01 – SunOS 5.8: SPECIAL PATCH: script patch (SU6)

- 111697-04 – SunOS 5.8: /usr/ccs/bin/sccs and /usr/ccs/bin/make patch

- 111721-04 – SunOS 5.8: Math Library (libm) patch

- 111741-02 – X11 6.4.1 hwc patch

- 111755-02 – Solstice DiskSuite 4.2.1: Product patch for Japanese

- 111760-02 – SunOS 5.8: SPECIAL PATCH: procedural scripts (SU5)

- 111775-01 – SunOS 5.8: smdiskless patch

- 111777-01 – SunOS 5.8: smosservice patch

- 111789-04 – SunOS 5.8: /platform/SUNW,Ultra-Enterprise-10000/kernel/drv/dr patch

- 111790-17 – SunOS 5.8: ngdr and ngdrmach drivers patch for Ultra-Enterprise-10000

- 111791-02 – SunOS 5.8: usr platform links patch for SUNW,Sun-Fire-480R

- 111792-10 – SunOS 5.8: PICL plugins patch for SUNW,Sun-Fire-480R

- 111794-03 – SunOS 5.8: /usr/lib/libcpc.so.1 patch

- 111796-04 – SunOS 5.8: Remote Shared Memory patch
- 111800-01 – SunOS 5.8: /usr/include/sys/mhd.h patch

- 111802-02 – SunOS 5.8: /usr/lib/rcm/modules/SUNW_cluster_rcm.so patch

- 111804-03 – SunOS 5.8: /usr/sbin/rem_drv patch

- 111808-02 – SunOS 5.8: /usr/lib/adb/devinfo patch

- 111822-02 – SunOS 5.8: libpiclfrudata.conf patch for SUNW,Sun-Fire-480R

- 111823-01 – New Features
  - 111826-01 – SunOS 5.8: /usr/sbin/sparcv7/whodo & /usr/sbin/sparcv9/whodo patch

- 111831-01 – SunOS 5.8: /usr/kernel/drv/dump patch

- 111844-02 – X11 6.4.1 xdm patch

- 111852-01 – SunOS 5.8: SX Graphics Patch

- 111874-06 – SunOS 5.8: /usr/bin/mail patch

- 111876-01 – nl.iso 15@euro locale incorrectly sets decimal precision

- 111881-03 – SunOS 5.8: /usr/kernel/strmod/telmod patch

- 111883-20 – SunOS 5.8: Sun GigaSwift Ethernet 1.0 driver patch

Appendix A • Patch List 103
- **111953-04** – SunOS 5.8: zh_CN.GB18030 locale support (part 1)

- **111958-02** – SunOS 5.8: /usr/lib/nfs/statd patch

- **111989-01** – SunOS 5.8: usr/bin/egrep patch

- **111995-06** – SunOS 5.8: SPECIAL PATCH: editable file replacements (SU7/HW2)

- **112001-08** – SunOS 5.8: SPECIAL PATCH: class action replacement scripts (SU7/HW2)

- **112003-03** – SunOS 5.8: Unable to load fontset in 64-bit Solaris 8 iso-1 or iso-15

- **112032-02** – SunOS 5.8: New locale zh_CN.GB18030 support (Apply with 111953-xx)

- **112050-02** – SunOS 5.8: ptree patch

- **112057-01** – SunOS 5.8: Asian mailx and in.comsat update

- **112077-08** – SunOS 5.8: usr/kernel/drv/rsm patch

- **112082-02** – SunOS 5.8: Webstart install patch for ja_JP.PCK and ja_JP.UTF-8

- **112084-01** – SunOS 5.8: regression: sdthanja displays garbages using libXm.so.4
- 112097-03 – SunOS 5.8: /usr/bin/cpio patch
- 112109-01 – SunOS 5.8: Some Greek characters are in wrong places
- 112199-04 – SunOS 5.8: vlan driver patch
- 112135-01 – SunOS 5.8: /usr/lib/libmapmalloc.so.1 patch
- 112137-02 – SunOS 5.8: Support for Network Equipment Provider platforms
- 112138-01 – SunOS 5.8: /usr/bin/domainname patch
- 112142-01 – Configuration file fix for mp.
- 112144-01 – SunOS 5.8 Packaging error in European Solaris Product Registry
- 112158-04 – SunOS 5.8: patch SUNWhea header files
- 112159-02 – SunOS 5.8: patch wrsm.so wrsmd.so
- 112160-01 – SunOS 5.8: platform links SUNW,Netra-T12 SUNW,Netra-T4
- 112161-02 – SunOS 5.8: remove libprtdiag_psr.so.1 of SUNW,Netra-T12 SUNW,Netra-T4 patch
- 112162-03 – SunOS 5.8: patch Netra T12 Lw8 driver
- 112163-01 – SunOS 5.8: patch Netra T4 Lombus
- 112164-01 – SunOS 5.8: patch Netra-T12 sgfru driver
- 112165-01 – SunOS 5.8:: patch usr/bin/rpcgen
- 112167-01 – SunOS 5.8:: patch usr/platform/SUNW,UltraAX-i2 symlink
- 112168-02 – SunOS 5.8: patch dmfe and mii header file
- 112169-01 – SunOS 5.8: patch platform/SUNW,UltraAX-i2/kernel/misc/sparcv9/platmod
- 112170-02 – SunOS 5.8: patch platform/sun4u/kernel/tod/sparcv9/todm5819
- 112171-01 – SunOS 5.8:: patch usr/sbin/locator
- 112172-02 – SunOS 5.8:: patch SUNW,UltraSPARC-IIe-NetraCT-40 sc_nct
- 112173-01 – SunOS 5.8:: patch SUNW,UltraSPARC-IIe-NetraCT-40 acebus.conf
- 112174-01 – SunOS 5.8:: patch platform link
- 112183-03 – SunOS 5.8:: translations for s28u7_07
- 112187-01 – SunOS 5.8::
- 112200-04 – SunOS 5.8: kernel/misc/nfssrv patch
- 112223-01 – SunOS 5.8: JFP ja_JP.UTF-8 0Wfontpath
- 112237-08 – SunOS 5.8: mech_krb5.so.1 patch
- 112254-01 – SunOS 5.8:: /kernel/sched/TS patch
- 112274-02 – SunOS 5.8: /usr/bin/acctcom patch
- 112325-01 – SunOS 5.8:: /kernel/fs/udfs and /kernel/fs/sparcv9/udfs patch
* 112328-02 – SunOS 5.8: /usr/sbin/rpcbind patch

* 112345-03 – SunOS 5.8: /usr/bin/pax patch

* 112369-01 – SunOS 5.8:: environ driver patch

* 112371-01 – SunOS 5.8:: /usr/bin/ruptime patch

* 112394-01 – SunOS 5.8:: Print euro and other ext. chars

* 112396-02 – SunOS 5.8: /usr/bin/fgrep patch

* 112425-01 – SunOS 5.8:: /usr/lib/fs/ufs/mount and /etc/fs/ufs/mount patch

* 112438-02 – SunOS 5.8:: /kernel/drv/random patch

* 112459-01 – SunOS 5.8:: /usr/lib/pt_chmod patch

* 112472-01 – SunOS 5.8: Font2DTest2 abort when Lucida Sans Thai Typewriter selected

* 112501-01 – CDE 1.4: dtcreate patch

* 112597-02 – SunOS 5.8: /usr/lib/acct/runacct patch

* 112607-02 – SunOS 5.8: /usr/bin/on patch

* 112609-02 – SunOS 5.8: /kernel/drv/le and /kernel/drv/sparcv9/le patch

* 112611-02 – SunOS 5.8: /usr/lib/libz.so.1 patch

* 112663-01 – X11 6.4.1: keyboards patch

4646705
- 112666-01 – SunOS 5.8: /usr/lib/acct/acctcon patch
- 112668-01 – SunOS 5.8: /usr/bin/gzip patch
- 112670-01 – SunOS 5.8: /usr/sbin/clinfo patch
- 112781-01 – X11 6.4.1: twm patch
- 112792-01 – SunOS 5.8: /usr/lib/pcmciad patch
- 112794-01 – SunOS 5.8: /kernel/drv/pcram and /kernel/drv/sparcv9/pcram patch
- 112796-01 – SunOS 5.8: /usr/sbin/in.talkd patch
- 112798-01 – SunOS 5.8: /usr/kernel/strmod/rlmod patch
- 112844-02 – SunOS 5.8: pfiles and plimit patch
- 112846-01 – SunOS 5.8: /usr/lib/netsvc/rwall/rpc.rwalld patch
- 112849-01 – SunOS 5.8: /kernel/drv/qe and /kernel/drv/sparcv9/qe patch
- 112850-01 – SunOS 5.8: /kernel/drv/icmp6 and /kernel/drv/sparcv9/icmp6 Patch
- 112989-01 – SunOS 5.8: /usr/lib/print/conv_lpd patch
- 112991-01 – SunOS 5.8: /usr/sbin/prtvtoc patch
- 112993-01 – SunOS 5.8: /usr/sbin/passmgmt patch
- 112996-01 – SunOS 5.8: /usr/aset/tasks/sysconf patch
- 113128-02 – X11 6.4.1: XKB patch
Appendix A • Patch List

113242-01 – CDE 1.4: libSDtRmedia patch

113261-02 – SunOS 5.8: UTF-8 locale ICONV patch

113372-02 – X11 6.4.1: xpr patch

113401-01 – SunOS 5.8: UTF-8 iconv modules generate/accept invalid ko 3byte values

113413-01 – SunOS 5.8: /usr/ccs/bin/lex patch

113415-01 – SunOS 5.8: gmsgfmt, msgfmt, gettext patch

113417-01 – SunOS 5.8: slp.jar and slpd.jar patch

113419-01 – SunOS 5.8: /usr/bin/sparcv7/prun and /usr/bin/sparcv9/prun patch

113501-01 – SunOS 5.8: Sun GigaSwift Ethernet 1.0 procedural patch

113648-03 – SunOS 5.8: /usr/sbin/mount patch

113650-02 – SunOS 5.8: /usr/lib/utmp_update patch

113654-01 – SunOS 5.8: /platform/sun4u/kernel/misc/sparcv9/zuluvm patch

113655-03 – SunOS 5.8: /usr/platform/SUNW,Sun-Fire/lib/rsmlib/wrsm.so.1 patch

113679-05 – SunOS 5.8: rmc_comm/rmcadm/rmclomv/librscc.so.1 patch

113680-03 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/bge patch

113681-03 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/mc-us3i patch
- 113682-02 – SunOS 5.8: /platform/sun4u/kernel/drv/sparcv9/pmugpio patch
- 113683-02 – SunOS 5.8: /platform/sun4u/kernel/tod/sparcv9/todm5819p_rmc patch
- 113684-04 – SunOS 5.8: /usr/platform/SUNW,Sun-Fire-V240/sbin/scadm patch
- 113685-05 – SunOS 5.8: logindmux/ptsl/ms/bufmod/llc1/kb/zs/zsh/ptem patch
- 113687-01 – SunOS 5.8: /kernel/misc/kbtrans patch
- 113689-01 – SunOS 5.8: User Manager CLI Patch
- 113792-01 – OpenWindows 3.6.2: mailtool patch
- 114059-02 – SunOS 5.8: en_US.UTF-8 locale patch
- 114152-01 – SunOS 5.8: Japanese SunOS 4.x Binary Compatibility(BCP) patch
- 114155-02 – SunOS 5.8: /usr/ccs/bin/m4 patch
- 114157-01 – SunOS 5.8: /platform/sun4u/kernel/drv/power patch
- 114158-01 – SunOS 5.8: /usr/ccs/bin/yacc patch
- 114160-01 – SunOS 5.8: avl_tree, avl_node and rnode patch
- 114162-01 – SunOS 5.8: /kernel/drv/lofi drivers and /usr/sbin/lofiadm patch
- 114246-01 – SunOS 5.8: Truetype fonts of GB18030 in S8U7 should replaced
- 114278-02 – SunOS 5.8: SPECIAL PATCH: Solaris 8 2/04 /etc/motd copyright patch

- 114364-01 – CDE1.4: GNOME/CDE Menu for Solaris 8

- 114508-01 – SunOS 5.8: Adds missing entries to euro fontpaths

- 114512-02 – SunOS 5.8: SPECIAL PATCH: class action replacement scripts (SU2)

- 114537-19 – SunOS 5.8: Sun XVR-100 Graphics Accelerator Patch

- 114554-12 – SunOS 5.8: Sun XVR-1200 Graphics Accelerator Patch

- 114559-01 – SunOS 5.8: some of ascii characters are not in punct class

- 114583-01 – SunOS 5.8: i2c driver patch

- 114610-01 – SUNOS 5.8: ANSI-1251 encodings file errors

- 114667-01 – SunOS 5.8: /usr/ccs/bin/lorder patch

- 114671-01 – SunOS 5.8: /usr/kernel/fs/pcfs patch

- 114673-01 – SunOS 5.8: /usr/sbin/wall patch

- 114675-01 – SunOS 5.8: rwstlock.h, vfs.h and vnode.h headerfile patch

- 114773-01 – SunOS 5.8: /usr/bin/dd patch
- 114802-01 – SunOS 5.8: Patch for assembler

- 114882-01 – SunOS 5.8: SPECIAL PATCH: postinstall replacement scripts (S8U&)

- 114956-02 – CDE 1.4: dtksh patch

- 114982-01 – SunOS 5.8: /usr/lib/adb/rwstlock patch

- 114984-01 – SunOS 5.8: /usr/kernel/fs/namefs patch

- 114986-01 – SunOS 5.8: /usr/sbin/rpc.rexd patch

- 114988-02 – SunOS 5.8: /usr/bin/sparcv9/gcore and /usr/bin/sparcv7/gcore patch

- 114990-02 – SunOS 5.8: /usr/bin/vmstat patch

- 115274-02 – SunOS 5.8: /usr/sbin/raidctl patch

- 115383-02 – SunOS 5.8: Japanese xlibi18n patch

- 115576-01 – SunOS 5.8: /kernel/exec/elfexec and /kernel/exec/sparcv9/elfexec patch

- 115579-01 – SunOS 5.8: libtnfprobe.so.1 patch

- 115583-01 – SunOS 5.8: /usr/lib/nss_user.so.1 patch

- 115795-01 – OpenWindows 3.6.2: xwdtopnm sdtimage

- 115797-01 – CDE 1.4: dtspcd Patch

- 115823-01 – SunOS 5.8: /usr/bin/logger patch
- 115825-01 – SunOS 5.8: /usr/bin/tnfdump patch
- 115827-01 – SunOS 5.8: /sbin/sulogin and /sbin/netstrategy patch
- 115829-01 – SunOS 5.8: /usr/lib/fm/libdiagcode.so.1 patch
- 115831-01 – SunOS 5.8: /usr/lib/libuuid.so.1 patch
- 116038-01 – SunOS 5.8: sun4u platform links patch
- 116332-01 – SunOS 5.8: kanji command patch
- 116455-01 – SunOS 5.8: Solaris 2.x sadmind default security level
- 116602-01 – SunOS 5.8: /sbin/uadmin and /sbin/hostconfig patch
- 116604-01 – SunOS 5.8: /etc/init.d/sf880dr patch
- 116605-01 – SunOS 5.8: /usr/sbin/psrinfo patch