



Solaris™ 10 Sun™ Hardware Platform Guide

Sun Microsystems, Inc.
www.sun.com

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Contents

| | |
|--|------------|
| Preface | vii |
| Solaris 10 Sun Hardware Platform Guide | 1 |
| Solaris Software Installation | 2 |
| Solaris 10 3/05 HW1 and HW2 OS | 2 |
| Supported Sun SPARC Platforms | 3 |
| Supported Graphics | 6 |
| Power Management on Sun Hardware | 7 |
| Former Supplement CD Contents | 7 |
| Solaris 10 on Sun Hardware Document Collection | 8 |
| Network Adapter Driver Platform Notes | 8 |
| Sun Validation Test Suite (SunVTS) Software | 9 |
| OpenBoot Information | 10 |
| A. Release Notes Supplement for Solaris 10 3/05 HW1 | 11 |
| Issues and Bugs | 11 |
| Solaris Install Launcher Exiting Causes Reboots (6300863) | 11 |
| UltraSPARC IV+ Large Pages (32 MB and 256 MB) Should Be Deactivated (6287398 and 6313025) | 12 |
| page_get_replacement_page Might Fail With Large Pages (6266922) | 12 |

prtdiag Still Shows System Board After the Board Is Removed From the Domain Using DR (6298989) 12

System Fails With "transport rejected bad packet" Message Under Stress I/O Condition (6261607) 13

Systems Panic Due to Limit on Max Number of Igrps (6256111) 13

Race Condition Between EF/kcfd and IPsec Algorithm Availability (6266083) 13

Solaris 10 3/05 HW1 Operating System SPARC Patch List 14

B. Release Notes Supplement for Solaris 10 3/05 HW2 19

Issues and Bugs 19

Solaris 10 3/05 HW2 Operating System SPARC Patch List 20

Preface

The *Solaris 10 Sun Hardware Platform Guide* contains important information about the Sun hardware supported by the Solaris™ 10 Operating System. This document describes installation resources, SPARC® platform types, and the current location of software formerly found on the Supplement CD.

This edition includes additional information about the Solaris 10 1/06, Solaris 10 3/05 HW1, and Solaris 10 3/05 HW2 releases.

Typographic Conventions

| Typeface* | Meaning | Examples |
|------------------|--|--|
| AaBbCc123 | The names of commands, files, and directories; on-screen computer output | Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. % You have mail. |
| AaBbCc123 | What you type, when contrasted with on-screen computer output | % su Password: |
| <i>AaBbCc123</i> | Book titles, new words or terms, words to be emphasized. Replace command-line variables with real names or values. | Read Chapter 6 in the <i>User's Guide</i> . These are called <i>class</i> options. To delete a file, type <code>rm filename</code> . |

* The settings on your browser might differ from these settings.

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Solaris 10 Sun Hardware Platform Guide

This document covers the following topics:

- [“Solaris Software Installation” on page 2](#)
- [“Solaris 10 3/05 HW1 and HW2 OS” on page 2](#)
- [“Supported Sun SPARC Platforms” on page 3](#)
- [“Supported Graphics” on page 6](#)
- [“Power Management on Sun Hardware” on page 7](#)
- [“Former Supplement CD Contents” on page 7](#)
- [“Solaris 10 on Sun Hardware Document Collection” on page 8](#)
- [“Network Adapter Driver Platform Notes” on page 8](#)
- [“Sun Validation Test Suite \(SunVTS\) Software” on page 9](#)
- [“OpenBoot Information” on page 10](#)

[Appendix A](#) covers the following topics for customers with hardware products running the temporary, limited-release Solaris 10 3/05 HW1 Operating System:

- [“Issues and Bugs” on page 11](#)
- [“Solaris 10 3/05 HW1 Operating System SPARC Patch List” on page 14](#)

[Appendix B](#) covers the following topics for customers with hardware products running the temporary, limited-release Solaris 10 3/05 HW2 Operating System:

- [“Issues and Bugs” on page 19](#)
- [“Solaris 10 3/05 HW2 Operating System SPARC Patch List” on page 20](#)

Solaris Software Installation

Before installing the Solaris 10 software, check [TABLE 1](#) for other manuals that might also apply to your situation.

TABLE 1 Specific Installation Information

| Installation Task | Document | Part Number |
|---|--|-------------|
| Beginning the installation process from the Solaris CD or DVD | <i>Solaris 10 Installation Guide: Basic Installations</i> | 817-0544 |
| Performing a basic installation using a GUI | <i>Solaris 10 Installation Guide: Basic Installations</i> | 817-0544 |
| Installing the Solaris Operating System (OS) on server systems | <i>Solaris 10 Installation Guide: Basic Installations</i> | 817-0544 |
| Upgrading your Solaris OS from CD or DVD, or use Live Upgrade | <i>Solaris 10 Installation Guide: Solaris Live Upgrade and Upgrade Planning</i> | 817-5505 |
| Performing an unattended custom JumpStart™ installation, or create RAID-1 volumes during a JumpStart installation | <i>Solaris 10 Installation Guide: Custom JumpStart and Advanced Installations</i> | 817-5506 |
| Creating Solaris Flash archives to install the Solaris OS on multiple systems | <i>Solaris 10 Installation Guide: Solaris Flash Archives (Creation and Installation)</i> | 817-5668 |
| Knowing about late-breaking news | <i>Solaris 10 Release Notes</i> | 817-0552 |

Solaris 10 3/05 HW1 and HW2 OS

Prior to the release of the Solaris 10 1/06 OS, Sun hardware platforms that included UltraSPARC IV+ CPU/memory boards or system boards were distributed with the temporary, limited-release, Solaris 10 3/05 HW1 software. The Sun Fire T2000 system, which features the UltraSPARC T1 processor, came with the temporary Solaris 10 3/05 HW2 OS. Never install the HW1 or HW2 software on any system it did not originally come with.

Systems running the Solaris 10 3/05, Solaris 10 3/05 HW1, or Solaris 10 3/05 HW2 OS all can be upgraded to the Solaris 10 1/06 OS. If a system or domain is currently running the Solaris 10 3/05 OS, do not use the upgrade process to install the HW1 software. If you must install the HW1 OS rather than the Solaris 10 1/06 OS, perform

a fresh installation of the HW1 OS. However, you can use the upgrade process for the HW1 OS if the hardware is currently using the Solaris 8 2/04 release or Solaris 9 4/04 OS release.

Note – If your system is running the HW1 or HW2 OS, refer to the additional release notes and a list of integrated patches in [Appendix A](#) or [Appendix B](#)

Supported Sun SPARC Platforms

You need to know your system architecture (platform group) if you are performing one of the following tasks:

- Setting up a boot server on a subnet
- Adding clients for network installation (standalone, servers, dataless, diskless)
- Writing a custom JumpStart installation rules file

The following tables list and categorize the SPARC platform names and platform groups of various Sun hardware systems supported by the Solaris 10 release. All SPARC platforms are 64-bit, but can run both 64-bit and 32-bit applications. These platforms require no special installation or upgrade instructions to use the Solaris 10 release.

Note – Platforms listed in [TABLE 2](#) are part of the sun4v platform group. Platforms listed in [TABLE 3](#) are part of the sun4u platform group. Refer to the *Solaris 10 Installation Guide* for information on platform groups for other systems.

TABLE 2 Platform Names for Sun SPARC Systems: sun4v Platform Group

| Category | System | Platform Name |
|-------------------------|---|--------------------|
| Entry/Workgroup Servers | Sun Fire™ T2000 (minimum software required: Solaris 10 1/06 or Solaris 10 3/05 HW2) | SUNW,Sun-Fire-T200 |

TABLE 3 Platform Names for Sun SPARC Systems: sun4u Platform Group

| Category | System | Platform Name |
|-------------------------|---|----------------------|
| Workstation Systems | Sun Blade™ 100 | SUNW,Sun-Blade-100 |
| | Sun Blade 150 | SUNW,Sun-Blade-100 |
| | Sun Blade 1000 | SUNW,Sun-Blade-1000 |
| | Sun Blade 1500 | SUNW,Sun-Blade-1000 |
| | Sun Blade 2000 | SUNW,Sun-Blade-1000 |
| | Sun Blade 2500 | SUNW,Sun-Blade-1000 |
| | Ultra™ 2 | SUNW,Ultra-2 |
| | Ultra 5 | SUNW,Ultra-5_10 |
| | Ultra 10 | SUNW,Ultra-5_10 |
| | Ultra 30 | SUNW,Ultra-30 |
| | Ultra 45 (minimum software required: Solaris 10 1/06) | SUNW,A70 |
| | Ultra 60 | SUNW,Ultra-60 |
| | Ultra 80 | SUNW,Ultra-80 |
| | Ultra 450 | SUNW,Ultra-4 |
| Entry/Workgroup Servers | Sun Fire™ V100 | SUNW,UltraAX-i2 |
| | Sun Fire V120 | SUNW,UltraAX-i2 |
| | Sun Fire V210 | SUNW,Sun-Fire-V210 |
| | Sun Fire V240 | SUNW,Sun-Fire-V240 |
| | Sun Fire V250 | SUNW,Sun-Fire-V250 |
| | Sun Fire 280R | SUNW,Sun-Fire-280R |
| | Sun Fire V440 | SUNW,Sun-Fire-V440 |
| | Sun Fire V480 | SUNW,Sun-Fire-480 |
| | Sun Fire V880 | SUNW,Sun-Fire-880 |
| | Sun Fire B100s | SUNW,Serverblade1 |
| | Sun Enterprise™ 2 | SUNW,Ultra-2 |
| | Sun Enterprise Ultra™ 5S | SUNW,Ultra-5_10 |
| | Sun Enterprise Ultra 10S | SUNW,Ultra-5_10 |
| | Sun Enterprise 250 | SUNW,Ultra-250 |

TABLE 3 Platform Names for Sun SPARC Systems: sun4u Platform Group

| Category | System | Platform Name |
|---------------------------------|----------------------|------------------------------|
| | Sun Enterprise 450 | SUNW,Ultra-4 |
| | Sun Enterprise 220R | SUNW,Ultra-60 |
| | Sun Enterprise 420R | SUNW,Ultra-80 |
| Mid-Range and Mid-Frame Servers | Sun Fire V1280* | SUNW,Netra-T12 |
| | Sun Fire V490* | SUNW,Sun-Fire-490 |
| | Sun Fire V890* | SUNW,Sun-Fire-890 |
| | Sun Fire 3800 | SUNW,Sun-Fire |
| | Sun Fire 4800 | SUNW,Sun-Fire |
| | Sun Fire 4810 | SUNW,Sun-Fire |
| | Sun Fire 6800 | SUNW,Sun-Fire |
| | Sun Fire E2900* | SUNW,Sun-Fire |
| | Sun Fire E4900* | SUNW,Sun-Fire |
| | Sun Fire E6900* | SUNW,Sun-Fire |
| | Sun Enterprise 3000 | SUNW,Ultra-Enterprise |
| | Sun Enterprise 4000 | SUNW,Ultra-Enterprise |
| | Sun Enterprise 5000 | SUNW,Ultra-Enterprise |
| | Sun Enterprise 6000 | SUNW,Ultra-Enterprise |
| | Sun Enterprise 3500 | SUNW,Ultra-Enterprise |
| | Sun Enterprise 4500 | SUNW,Ultra-Enterprise |
| | Sun Enterprise 5500 | SUNW,Ultra-Enterprise |
| | Sun Enterprise 6500 | SUNW,Ultra-Enterprise |
| High-End Servers | Sun Fire E20K* | SUNW,Sun-Fire-Enterprise-20K |
| | Sun Fire E25K* | SUNW,Sun-Fire-Enterprise-25K |
| | Sun Fire 12K* | SUNW,Sun-Fire-12000 |
| | Sun Fire 15K* | SUNW,Sun-Fire-15000 |
| | Sun Enterprise 10000 | SUNW,Ultra-Enterprise |
| Netra™ Servers | Netra 20 | SUNW,Netra-T4 |

TABLE 3 Platform Names for Sun SPARC Systems: sun4u Platform Group

| Category | System | Platform Name |
|----------|----------------------|------------------------------|
| | Netra 120 | SUNW,UltraAX-i2 |
| | Netra 240 | SUNW,Netra-240 |
| | Netra 440 | SUNW,Netra-440 |
| | Netra 1280 | SUNW,Netra-T12 |
| | Netra T1 AC200/DC200 | SUNW,UltraAX-i2 |
| | Netra X1 | SUNW,UltraAX-i2 |
| | Netra ct 400 | SUNW,UltraSPARC-IIIi-Netract |
| | Netra ct 800 | SUNW,UltraSPARC-IIIi-Netract |
| | Netra CT 820 | SUNW,Netra-CP2300 |
| | Netra CP2300 | SUNW,Netra-CP2300 |
| | Netra t1 100 | SUNW,UltraSPARC-IIIi-cEngine |
| | Netra t1 105 | SUNW,UltraSPARC-IIIi-cEngine |
| | Netra t 1120 | SUNW,Ultra-60 |
| | Netra t 1125 | SUNW,Ultra-60 |
| | Netra t 1400 | SUNW,Ultra-80 |
| | Netra t 1405 | SUNW,Ultra-80 |

* If one or more UltraSPARC IV+ CPU/memory boards or system boards is present on this platform, the Solaris 10 1/06 or Solaris 10 3/05 HW1 OS must be installed.

For information on supported x86-based systems, refer to the *Solaris Hardware Compatibility List*, found online at:

<http://www.sun.com/bigadmin/hcl>

Supported Graphics

The *Sun Graphics Platform Matrix* lists the graphics accelerators and the Sun hardware and software platforms supported by each. You can access all graphics accelerator documentation, including the *Sun Graphics Platform Matrix*, at:

<http://www.sun.com/desktop/products/graphics>

See the *Solaris Handbook for Sun Frame Buffers*, included in the Solaris 10 on Sun Hardware collection, for information on previously released cards.

Power Management on Sun Hardware

The United States Environmental Protection Agency created the Energy Star® guidelines for computer products to encourage the use of energy-efficient computer systems and to reduce air pollution associated with energy generation.

To meet these guidelines, Sun Microsystems, Inc. designs hardware to use power efficiently. It also provides Power Management™ software with which to configure the power management settings. Refer to the *Solaris Common Desktop Environment: User's Guide* in the Solaris 10 documentation collections for more information on Power Management software features, defaults, and commands to determine which version works with your system.

Former Supplement CD Contents

The CD labeled Solaris *x* Software Supplement, also called the Supplement CD, is no longer provided with Solaris releases and is no longer a separate portion of the Solaris DVD. The software and documents formerly found there during Solaris 9 releases are now available for download from the Sun Microsystems software download site.

TABLE 4 shows the status and new locations of the items formerly found on the Supplement CD.

TABLE 4 Former Supplement CD Contents

| Product | Last Version on a Solaris 9 OS Supplement CD | New Location for Solaris 10 |
|---|--|---|
| Java 3D™ | 1.3.1 | http://java.sun.com |
| OpenGL® software | 1.3 | Main Solaris packages |
| Sun Enterprise 10000 SSP | 3.5 | http://sun.com/software/download |
| Sun Enterprise 10000 Capacity on Demand | 1.0 | http://sun.com/software/download |
| Sun Fire 15K SMS | 1.4 | http://sun.com/software/download |
| Lights Out Management | 2.0 | http://sun.com/software/download |
| Netra ct Platform | 1.0 | http://sun.com/software/download |
| Netra t11xx Alarms | 2.0 | http://sun.com/software/download |

TABLE 4 Former Supplement CD Contents (*Continued*)

| Product | Last Version on a Solaris 9 OS Supplement CD | New Location for Solaris 10 |
|--|---|---|
| Sun Fire 880 FC-AL Backplane Firmware | 1.0 | http://sun.com/software/download |
| SunForum™ | 3.2 | http://sun.com/software/download |
| Sun Remote System Control (RSC) for Sun Enterprise Servers | 2.2.2 | http://sun.com/software/download |
| SunATM™ driver | 5.1 | http://sun.com/software/download |
| SunHSI™ PCI driver | 3.0 | http://sun.com/software/download |
| SunVTS™ software | 5.1 | SunVTS in the ExtraValue directory of the Solaris DVD |
| WBEM Dynamic Reconfiguration (WDR) | 1.0 | http://sun.com/software/download (Solaris 10 does not support this software.) |

Solaris 10 on Sun Hardware Document Collection

The Solaris 10 on Sun Hardware document collection, formerly found on the Supplement CD, can now be found with other Solaris 10 documentation at:

<http://docs.sun.com>

The documents available on the web are the most recent.

Network Adapter Driver Platform Notes

The Solaris 10 on Sun Hardware document collection includes manuals with more detailed information about some network adapters that are supported by drivers included in Solaris 10.

To determine which network adapter device driver a system is using, use the `ifconfig -a` command. This command displays a list of all network connections that have been plumbed.

TABLE 5 lists the device names and Platform Notes for network adapters whose device drivers are supplied with the Solaris media. For information on other device drivers, see the System Administrator Collection for your Solaris version at:

<http://docs.sun.com>

TABLE 5 Network Adapter Device Driver Documentation

| Device Name | Platform Note |
|-------------|--|
| ge | <i>Platform Notes: The Sun GigabitEthernet Device Driver</i> |
| hme | <i>Platform Notes: The hme FastEthernet Device Driver</i> |
| eri | <i>Platform Notes: The eri FastEthernet Device Driver</i> |
| ce | <i>Platform Notes: Sun GigaSwift Ethernet Device Driver</i> |
| qfe | <i>Platform Notes: Sun Quad FastEthernet Device Driver</i> |

Sun Validation Test Suite (SunVTS) Software

The SunVTS validation test suite is a diagnostic tool designed to test Sun hardware. Its multiple diagnostic hardware tests verify the connectivity and functionality of most hardware controllers and devices for SPARC and x86 architectures. SunVTS also provides an infrastructure for programmers to develop their own tests and run them using the SunVTS interface.

SunVTS software was included on the Supplement CD for releases prior to Solaris 10. SunVTS software packages are now delivered on the Solaris 10 DVD in:

ExtraValue/CoBundled

Software provided in that directory is not installed automatically when Solaris is installed.

Note – The Solaris 10 1/06 release includes SunVTS 6.1 in this directory.

Recent SunVTS releases are also available at:

<http://sun.com/software/download>

To find and use the latest version of the SunVTS software, refer to the Sun Validation Test Suite documentation in the Solaris on Sun Hardware collection at:

<http://docs.sun.com>

OpenBoot Information

The information about OpenBoot™ emergency procedures, formerly found in this document, can be found in the *OpenBoot 4.x Command Reference Manual* (part number 816-1177).

Release Notes Supplement for Solaris 10 3/05 HW1

This appendix provides information about issues specific to the Solaris 10 3/05 HW1 OS release.

Note – The information in this appendix applies only to platforms still running the temporary Solaris 10 3/05 HW1 release. It does not apply to systems running the Solaris 10 3/05, Solaris 10 3/05 HW2, or Solaris 10 1/06 OS. For information about the HW2 OS, which also is replaced by the Solaris 10 1/06 OS, see [Appendix B](#).

Issues and Bugs

If you are using hardware still running the temporary Solaris 10 3/05 HW1 OS (a specific form of the Solaris 10 3/05 OS that initially shipped on certain hardware), take into account the following issues as well as those published in the *Solaris 10 Release Notes* (part number 817-0552) on <http://docs.sun.com>.

Solaris Install Launcher Exiting Causes Reboots (6300863)

In some situations, installation of Solaris 10 3/05 HW1 fails when the Solaris Install Launcher fails to find `find_device.out`, reboots, then reaches the same point and calls for a reboot again.

Workaround: Specify the `- text` option when booting:

```
boot net - text
```

UltraSPARC IV+ Large Pages (32 MB and 256 MB) Should Be Deactivated (6287398 and 6313025)

In Solaris 10 3/05 HW1, the UltraSPARC IV+ large pages feature is available, but should not be used. Running an application that attempts to map to large pages might cause the application to execute improperly and result in a core dump or hang.

Workaround: The kernel update (KU) patch 118822-18 includes an interim fix, which deactivates the large pages feature.

Note – Avoid installing KU patch 118822-16 on UltraSPARC IV+ systems, because that specific dash version includes a function that attempts to use large pages.

page_get_replacement_page Might Fail With Large Pages (6266922)

When `cfgadm(1M)` removes memory from a running system, the system may hang when running applications that use large pages, such as Oracle. The kernel fails to find memory on other boards to replace large pages of data from the memory being removed. There are no error messages for this condition.

Workaround: Do not use dynamic reconfiguration (DR) with Oracle. If the `cfgadm` operation is hung, kill it and retry when the large pages are freed.

prtdiag Still Shows System Board After the Board Is Removed From the Domain Using DR (6298989)

If an UltraSPARC IV+ board is removed from a Sun Fire E20K or E25K system's domain via dynamic reconfiguration, the `prtconf` and `prtdiag` programs still report the nodes corresponding to the UltraSPARC IV+ CPUs as being in the system. These reports remain until the system is rebooted.

Workaround: Between the time of removing a board using DR and rebooting the domain, take into account the incorrect node information in reports.

System Fails With "transport rejected bad packet" Message Under Stress I/O Condition (6261607)

During stressed I/O conditions, I/O fails with a `TRAN_BADPKT` message such as the following:

```
WARNING: /ssm@0,0/pci@18,700000/SUNW,qlc@3,1/fp@0,0/ssd@w500000e0
10e9a152,0 (ssd68): transport rejected bad packet
```

Workaround: None

Systems Panic Due to Limit on Max Number of lgrps (6256111)

This problem appears only in large machines such as a fully loaded Sun Fire E25K system. During booting, this error message appears and the system panics:

```
More leaf lgrps in system than are supported!
```

This problem only occurs during the boot itself. If your system boots normally, the problem is not occurring.

Workaround: Try using fewer CPUs on the affected systems. For example, if this error occurs on a Sun Fire E25K system, try booting with fewer than 120 CPU cores. Use DR to bring the remaining boards into the active domain.

Race Condition Between EF/kcfd and IPsec Algorithm Availability (6266083)

This problem might occur on a freshly installed system or a system that imports a large number of new Service Management Facility (SMF) manifests during the boot. After these booting conditions, IPsec (part of `svc:/network/initial:default`) might be initialized prior to the encryption framework

(`svc:/system/cryptosvc:default`). Because authentication or encryption algorithms are not available, creation of IPsec security associations might fail with an error message such as this:

```
PF_KEY error: type=ADD, errno=22: Invalid argument, diagnostic
code=40: Unsupported authentication algorithm
```

For example, this might occur when using DR on a Sun Fire E25K system, which involves IPsec services.

Workaround: Before performing operations that use IPsec services, perform the following steps after a boot that imports a large number of new SMF manifests:

1. Issue this command after booting:

```
ipsecalgs -s
```

2. If `/etc/inet/secret/ipseckeys` exists on the system, also issue this command:

```
ipseckey -f /etc/inet/secret/ipseckeys
```

Now you can perform actions that create IPsec security associations, such as using DR on a Sun Fire E25K system.

This procedure needs to be repeated only when a large number of new SMF manifests are imported during the boot.

Solaris 10 3/05 HW1 Operating System SPARC Patch List

This section provides patch information that applies only to SPARC systems running the Solaris 10 3/05 HW1 OS. It does not apply to systems running the Solaris 10 3/05, Solaris 10 3/05 HW2, or Solaris 10 1/6 OS. See also the *Solaris 10 Release Notes* at <http://docs.sun.com>.

The patches that are listed in this appendix have been applied to the Solaris 10 3/05 HW1 Operating system 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 10 3/05 HW1 OS was created. Therefore, these patches are not located in the `/var/sadm/patch` directory.

The `showrev -p` command provides a list of all patches that were applied to the installed system, regardless of how these patches were applied. The Solaris 10 3/05 HW1 software includes a known and tested level of patches. However, patches cannot be backed out of the Solaris 10 3/05 HW1 release.

Note – The Solaris 10 3/05 HW1 software contains special patches that perform tasks that are specific to the Solaris release installation images. These patches are specific to each Solaris software release and do not apply to other systems or releases of the Solaris software. Do not attempt to download or install these patches on other systems or installations of the Solaris OS.

- 117461-02 – SunOS 5.10: ld Patch

4638717 6208532 6209350 6212797 6219132 6219317 6219538 6226484 6228709
6233624 6234710 6236942 6237078 6237197 6246138

- 118348-01 – SunOS 5.10: fcode Patch

6177369

- 119578-05 – SunOS 5.10: cpumem-diagnosis Patch

5062645 5087929 5090037 6202564 6213277 6216754 6249531 6254303 6276462

- 118822-10 – SunOS 5.10: kernel Patch

4117562 4638717 4712059 4782952 4818196 4853554 5005976 5017095 5039369
5062645 5073604 5076027 5081575 5087929 5090037 5090773 5091442 5095432
6175438 6180137 6198953 6200160 6202564 6203955 6206217 6207963 6208532
6209588 6213184 6213277 6214472 6216447 6219132 6219317 6219672 6221094
6222466 6224788 6226484 6227041 6228709 6229172 6229575 6230249 6230552
6231030 6233624 6234710 6235003 6235959 6236942 6237078 6237197 6237799
6238601 6239011 6240490 6241837 6242764 6242831 6243241 6243897 6244310
6246138 6247399 6254303 6256245 6263250 6279506 6285253 6287954

- 118830-01 – SunOS 5.10: hme patch

5005976 5076750 6235003 6240490

- 118842-01 – SunOS 5.10: dada patch

5005976 6235003 6240490

- 118846-01 – SunOS 5.10: truss patch

4638717 6208532 6219132 6219317 6226484 6228709 6233624 6234710 6236942
6237078 6237197 6246138

- 118859-01 – SunOS 5.10: usbkbm patch
6178746 6179167 6236072 6239254 6254433 6259168 6261173 6262302 6263338
6265068 6267731 6268152 6268387 6269246 6272867 6273474
- 118918-06 – SunOS 5.10: Solaris Crypto Framework patch
4691624 4926742 6195934 6197268 6197284 6199119 6204887 6215509 6215816
6217866 6220814 6222467 6223863 6223866 6223869 6228384 6231739 6231978
- 118996-02 – SunOS 5.10: patch usr/sbin/format
4934259 6194723 6265652
- 119059-03 – X11 6.6.2: Xsun patch
6219932 6219947 5016163 6224159 6246748 6212502 6228875 6219170 6248445
6265634 4751462 6226733 6248453
- 119374-03 – SunOS 5.10: sd and sdd Patch
5023670 5042195 6234227 6237585 6249580
- 119568-01 – SunOS 5.10: sgsbbc Patch
5090037
- 119570-01 – SunOS 5.10: lw8 Patch
5090037
- 119572-01 – SunOS 5.10: scosmb Patch
5090037
- 119574-02 – SunOS 5.10: su patch
6213281 6219721 6219774 6243480
- 119589-01 – SunOS 5.10: header files patch
6290673
- 119764-02 – SunOS 5.10: ipmitool patch
6209442 6266203 6266225
- 119766-02 – SunOS 5.10: SunFreeware man pages patch
6209442 6266203 6266225
- 120195-01 – SunOS 5.10: schpc sc_gptwocfg gptwo_pci patch
5076027
- 120196-02 – SunOS 5.10: patch libprtdiag_psr.so.1
5076027 6286335
- 120197-01 – SunOS 5.10: uata patch
6231964 6241837

- 120198-02 – SunOS 5.10: patch libpiclfrutree.so.1
5076027 6243897 6286335

Release Notes Supplement for Solaris 10 3/05 HW2

This appendix provides information about issues specific to the Solaris 10 3/05 HW2 OS release.

Note – The information in this appendix applies only to platforms still running the temporary Solaris 10 3/05 HW2 release. It does not apply to systems running the Solaris 10 3/05, Solaris 10 3/05 HW1, or Solaris 10 1/06 OS. For information about the HW1 OS, which also is replaced by the Solaris 10 1/06 OS, see [Appendix A](#).

Issues and Bugs

If you are using a Sun Fire T2000 server that is still running the temporary Solaris 10 3/05 HW2 OS it initially shipped with, take into account the issues published in the Sun Fire T2000 Server Product Notes (part number 819-2544), as well as those published in the *Solaris 10 Release Notes* (part number 817-0552) on <http://docs.sun.com>.

Unless you are upgrading your system to the Solaris 10 1/06 OS, you might need to obtain and install newer versions of some patches than the versions that were applied to the Solaris 10 3/05 HW2 OS. This appendix discusses the patches that were incorporated in the HW2 OS.

Solaris 10 3/05 HW2 Operating System SPARC Patch List

This section provides patch information that applies only to systems running the Solaris 10 3/05 HW2 OS. It does not apply to systems running the Solaris 10 3/05, Solaris 10 3/05 HW1, or Solaris 10 1/6 OS. See also the *Solaris 10 Release Notes* at <http://docs.sun.com>.

The patches that are listed in this appendix have been applied to the Solaris 10 3/05 HW2 Operating system 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 10 3/05 HW2 OS was created. Therefore, these patches are not located in the `/var/sadm/patch` directory.

The `showrev -p` command provides a list of all patches that were applied to the installed system, regardless of how these patches were applied. The Solaris 10 3/05 HW2 software includes a known and tested level of patches. However, patches cannot be backed out of the Solaris 10 3/05 HW2 release.

Note – The Solaris 10 3/05 HW2 software contains special patches that perform tasks that are specific to the Solaris release installation images. These patches are specific to each Solaris software release and do not apply to other systems or releases of the Solaris software. Do not attempt to download or install these patches on other systems or installations of the Solaris OS.

- 117170-01 – SunOS 5.10: async.h patch

6229676

- 117447-01 – SunOS 5.10: /usr/sbin/ntpdate patch

6237001

- 117461-06 – SunOS 5.10: ld Patch

4638717 5080443 6208532 6209350 6212797 6215444 6219132 6219317 6219538
6219651 6222525 6226206 6226484 6228472 6228709 6233613 6233624 6234710
6235000 6235044 6236942 6237078 6237197 6237411 6241995 6244897 6246138
6251722 6251798 6254364 6257177 6258834 6260361 6260780 6261803 6261990
6262789 6266261 6267352 6268693 6272563 6273855 6273864 6273875 6276905
6280467 6283601 6284941 6290157 6291547 6295971 6299525 6301218

- 117463-02 – SunOS 5.10: passwdutil Patch
5007891 5096736
- 117465-02 – SunOS 5.10: fwtmp Patch
6180974
- 118346-01 – SunOS 5.10: libnsl Patch
5106725
- 118348-01 – SunOS 5.10: fcode Patch
6177369
- 118367-01 – SunOS 5.10: csh Patch
6209912
- 118370-03 – SunOS 5.10: ibmf Patch
6196844 6196850 6196861 6201142 6207840 6207842 6210668 6213486 6219178
6220069 6220217 6256813 6262297 6262304 6262347
- 118371-04 – SunOS 5.10: elfsign Patch
4987141 5019131 5057756 6196062 6214106 6214824 6216464 6218014 6218030
6220136 6221396 6222046 6222935 6238177 6238962 6239551 6258976 6283570
- 118373-01 – SunOS 5.10: mpstat Patch
6223353
- 119578-08 – SunOS 5.10: cpumem-diagnosis Patch
4818484 5062645 5087929 5090037 6198521 6202564 6213277 6216754 6218246
6218463 6223348 6224293 6225875 6240456 6244989 6249531 6253955 6254303
6256371 6273144 6276462 6278378 6320584 6321736
- 118822-19 – SunOS 5.10: kernel Patch
4117562 4636944 4638717 4712059 4782952 4818196 4818484 4853554 4923208
4954703 5005976 5017095 5029967 5039369 5041567 5062645 5067964 5073604
5076027 5081575 5087929 5090037 5090773 5091442 5095432 5102062 5108961
6175438 6178746 6179167 6180137 6187076 6198405 6198521 6198890 6198953
6200160 6200295 6200924 6200969 6201257 6202564 6203955 6204983 6204987
6205337 6206217 6207963 6208532 6209399 6209411 6209588 6209619 6210881
6213074 6213184 6213277 6213962 6214472 6214615 6216134 6216447 6217821
6218854 6219127 6219132 6219142 6219195 6219317 6219672 6220843 6221094
6221490 6221495 6221496 6221498 6222228 6222466 6223379 6223603 6224788
6224822 6225650 6226023 6226263 6226302 6226320 6226345 6226484 6226862
6227041 6228044 6228709 6229159 6229172 6229575 6230117 6230146 6230249
6230315 6230552 6230925 6230979 6230995 6231030 6231207 6231964 6232748
6232864 6233613 6233615 6233624 6234004 6234033 6234037 6234063 6234072
6234449 6234710 6235003 6235044 6235086 6235348 6235959 6236072 6236617
6236726 6236942 6237078 6237197 6237357 6237411 6237799 6238322 6238601

6238679 6238686 6239011 6239254 6239626 6239801 6240160 6240456 6240490
6241299 6241305 6241837 6242764 6242831 6243241 6243444 6243651 6243897
6244310 6244315 6244317 6244320 6244519 6245378 6246138 6246787 6246875
6247399 6247821 6248393 6248527 6248591 6248910 6249127 6249712 6250382
6250386 6250931 6251611 6251625 6251754 6252083 6252176 6252403 6252407
6252411 6252856 6253027 6253028 6253030 6253031 6253033 6253548 6253744
6253747 6253788 6253955 6254258 6254303 6254433 6254741 6254783 6254835
6255351 6255668 6255689 6255906 6256111 6256152 6256158 6256245 6256312
6256357 6257150 6258024 6258433 6258528 6258738 6259168 6259768 6260517
6260524 6261173 6262302 6262887 6263250 6263338 6263907 6263927 6264443
6264469 6264473 6265027 6265068 6265086 6265087 6265088 6265090 6265094
6265652 6266922 6267670 6267671 6267680 6267682 6267693 6267695 6267718
6267731 6267759 6267902 6268152 6268387 6269064 6269246 6269633 6270528
6271688 6271759 6272550 6272865 6272867 6273098 6273261 6273474 6275414
6276242 6277108 6277304 6278450 6279331 6279506 6279569 6279871 6281150
6282037 6282291 6282386 6282867 6282875 6282885 6283565 6284597 6285253
6285447 6287550 6287954 6288246 6288365 6288882 6289017 6290459 6290673
6291876 6291901 6294867 6296594 6297432 6298780 6298786 6298895 6299091
6300289 6300406 6300734 6301419 6302130 6302322 6302652 6302751 6302807
6303053 6303188 6303260 6303405 6303424 6303530 6303569 6304654 6304736
6305393 6305938 6307395 6309270 6311048 6311869 6312753 6313025 6313403
6313788 6313837 6313842 6314321 6317693

- 118375-04 – SunOS 5.10: nfs Patch
5105010 6210936 6212406 6214604 6216134 6217001 6219142 6237355 6237357
6240160 6240342 6243444 6245953 6247143 6248250 6251754 6257150
- 118551-02 – SunOS 5.10: patch lib/libmeta.so.1
5110153 6222535 6224061 6230156 6239708
- 118553-03 – SunOS 5.10: kernel/misc/sparcv9md_mirror patch
4892666 4927518 6217370 6220234 6224061 6224745 6239708
- 118557-01 – SunOS 5.10: patch platform/sun4u/kernel/drv/sparcv9/su
6222697
- 118560-01 – SunOS 5.10: patch usr/bin/telnet
6234932
- 118564-02 – SunOS 5.10: patch /usr/lib/libproc.so.1

- 118566-01 – SunOS 5.10: patch usr/sbin/ping
6222209
- 118666-03 – J2SE 5.0 update 4 patch

4207472 4305459 4881314 4964339 4975824 5003235 5044738 5053272 5055567
5067517 5074396 5076514 5077866 5078280 5079751 5083441 5087208 5088035
5092850 5095117 5097015 5097241 5101391 5102490 5109602 6174596 6176318
6176814 6178395 6186747 6191542 6192422 6194668 6195301 6196089 6198522
6200138 6203233 6203483 6204669 6205422 6210088 6211480 6213128 6214132
6218454 6218682 6218987 6220064 6222034 6223265 6223691 6224591 6225440
6225605 6226269 6227033 6227583 6228585 6231186 6231936 6232039 6232513
6232607 6233169 6234804 6237349 6237552 6237654 6240586 6241743 6243108
6243400 6244063 6250286 6250517 6252770 6254466 6255782 6256476 6256477
6256728 6258508 6258681 6259113 6261269 6261304 6261558 6261980 6263857
6268145 6268876 6273094 6273975 6277246 6277266 6277315 6277659 6278491
4388541 4684153 4845692 4911491 4915324 4974531 4980122 4987923 5003402
5023243 5037521 5038903 5051880 5054010 5058132 5058463 5062118 5064088
5070730 5073407 5074530 5074836 5079429 5079729 5079742 5084004 5084812
5086089 5087395 5087826 5088701 5088703 5089312 5089429 5090555 5090643
5091805 5092058 5094112 5094138 5094505 5097131 5097939 5099360 5102082
5103449 5104239 5105410 5105917 5105918 5106044 5107852 5108694 5110117
6175601 6177059 6178366 6179014 6179233 6182630 6183297 6184225 6184713
6184715 6184718 6185342 6185483 6186650 6188839 6188959 6188963 6189072
6189657 6189687 6190277 6190713 6190873 6190987 6191064 6192124 6192223
6192448 6192845 6192907 6192944 6193821 6194024 6194838 6195181 6195632
6195718 6197664 6198632 6199000 6199899 6200343 6200960 6201185 6201302
6201464 6201644 6201884 6201952 6202061 6203504 6205320 6205321 6205414
6205494 6206764 6207138 6207322 6209613 6210721 6211220 6212165 6214159
6214166 6214369 6214784 6215407 6216277 6219639 6220829 6221563 6222071
6222449 6224433 6224438 6225348 6233287 6219668 4548788 4656461 4897333
4924758 4949631 4984794 4994329 5017051 5023873 5024379 5056403 5075526
5075546 5080386 5082319 5089985 5092094 5100483 5101128 5104960 5105765
6173972 6180194 6181598 6181784 6182685 6189106 6189594 6195099 6206216
6206839 6207079 6207830 6208366 6208545 6208676 6208712 6208965 6209095
6209342 6209737 6210227 6213461 6213473 6215109 6215480 6215746 6218309
6219491 6219495 6221549 6222350 6224405 6226589 6227551 6227874 6228205
6229377 6229965 6231054 6231145 6231216 6232417 6232636 6233573 6234174
6234219 6234909 6237671 6238128 6247771 6250165 6250473 6261499 6261509
6261510

■ 118667-03 – J2SE 5.0 update 4 patch, 64bit

4207472 4305459 4881314 4964339 4975824 5003235 5044738 5053272 5055567
5067517 5074396 5076514 5077866 5078280 5079751 5083441 5087208 5088035
5092850 5095117 5097015 5097241 5101391 5102490 5109602 6174596 6176318
6176814 6178395 6186747 6191542 6192422 6194668 6195301 6196089 6198522
6200138 6203233 6203483 6204669 6205422 6210088 6211480 6213128 6214132
6218454 6218682 6218987 6220064 6222034 6223265 6223691 6224591 6225440
6225605 6226269 6227033 6227583 6228585 6231186 6231936 6232039 6232513
6232607 6233169 6234804 6237349 6237552 6237654 6240586 6241743 6243108
6243400 6244063 6250286 6250517 6252770 6254466 6255782 6256476 6256477
6256728 6258508 6258681 6259113 6261269 6261304 6261558 6261980 6263857

6268145 6268876 6273094 6273975 6277246 6277266 6277315 6277659 6278491
 4548788 4656461 4897333 4924758 4949631 4984794 4994329 5017051 5023873
 5024379 5056403 5075526 5075546 5080386 5082319 5089985 5092094 5100483
 5101128 5104960 5105765 6173972 6180194 6181598 6181784 6182685 6189106
 6189594 6195099 6206216 6206839 6207079 6207830 6208366 6208545 6208676
 6208712 6208965 6209095 6209342 6209737 6210227 6213461 6213473 6215109
 6215480 6215746 6218309 6219491 6219495 6221549 6222350 6224405 6226589
 6227551 6227874 6228205 6229377 6229965 6231054 6231145 6231216 6232417
 6232636 6233573 6234174 6234219 6234909 6237671 6238128 6247771 6250165
 6250473 6261499 6261509 6261510 4388541 4684153 4845692 4911491 4915324
 4974531 4980122 4987923 5003402 5023243 5037521 5038903 5051880 5054010
 5058132 5058463 5062118 5064088 5070730 5073407 5074530 5074836 5079429
 5079729 5079742 5084004 5084812 5086089 5087395 5087826 5088701 5088703
 5089312 5089429 5090555 5090643 5091805 5092058 5094112 5094138 5094505
 5097131 5097939 5099360 5102082 5103449 5104239 5105410 5105917 5105918
 5106044 5107852 5108694 5110117 6175601 6177059 6178366 6179014 6179233
 6182630 6183297 6184225 6184713 6184715 6184718 6185342 6185483 6186650
 6188839 6188959 6188963 6189072 6189657 6189687 6190277 6190713 6190873
 6190987 6191064 6192124 6192223 6192448 6192845 6192907 6192944 6193821
 6194024 6194838 6195181 6195632 6195718 6197664 6198632 6199000 6199899
 6200343 6200960 6201185 6201302 6201464 6201644 6201884 6201952 6202061
 6203504 6205320 6205321 6205414 6205494 6206764 6207138 6207322 6209613
 6210721 6211220 6212165 6214159 6214166 6214369 6214784 6215407 6216277
 6219639 6220829 6221563 6222071 6222449 6224433 6224438 6225348 6233287
 6219668

- 118676-01 – SunOS 5.10: patch for Solaris make and sccs utilities
6208430
- 118683-01 – SunOS 5.10: Patch for assembler
5069118 5071178 5079903 5093350 5090509 6192963 6236017 6253736
- 118706-01 – SunOS 5.10: Creator and Creator3D: FFB Graphics Patch
6240103
- 118707-03 – SunOS 5.10: Expert3D IFB Graphics Patch
6239859 6278448 6297322 6266390
- 118708-09 – SunOS 5.10: Sun XVR-1200 and Sun XVR-600 Graphics Accelerator
Patch
6210235 6202655 6205888 6250233 6244529 6248620 6278448 6293254 6297322
6266390
- 118711-02 – SunOS 5.10: M64 Graphics Patch
4950414 6269998
- 118712-06 – SunOS 5.10: Sun XVR-100 Graphics Accelerator Patch
6182271 6214907 5098578 6260233 6282999 6307293

- 118731-01 – SunOS 5.10: /usr/sbin/zonecfg patch
6229724
- 118733-01 – SunOS 5.10: snmpdx patch
6227115 6228341
- 118735-01 – SunOS 5.10: patch usr/sbin/rpc.nisd_resolv
6220055
- 118777-02 – SunOS 5.10: Sun GigaSwift Ethernet 1.0 driver patch
6266985 6255365 6277650 6273441 6223263 6238254 6261657 6251174 6279238
6266901 6218302 6280692
- 118812-01 – SunOS 5.10: patch platform/SUNW,Netra-
T12/kernel/drv/sparcv9/ntwdt
6226428 6228652 6228655 6230025
- 118814-01 – SunOS 5.10: patch platform/sun4u/kernel/tod/sparcv9/todsg
6226428 6228652 6228655 6230025
- 118815-01 – SunOS 5.10: /usr/xpg4/bin/awk patch
6195584
- 118824-01 – SunOS 5.10: patch usr/bin/sparcv9/sort
6178339
- 118830-01 – SunOS 5.10: hme patch
5005976 5076750 6235003 6240490
- 118842-01 – SunOS 5.10: dada patch
5005976 6235003 6240490
- 118846-02 – SunOS 5.10: truss patch
4638717 6208532 6219132 6219317 6226484 6228709 6233624 6234710 6236942
6237078 6237197 6246138
- 118852-01 – SunOS 5.10: patch kernel/misc/sparcv9/ibcm
6203517 6231461 6236513
- 118868-01 – SunOS 5.10: ttymon patch
6237359
- 118870-01 – SunOS 5.10: nss_ldap patch
6230927
- 118872-02 – SunOS 5.10: ksh patch
6208198 6261715
- 118874-02 – SunOS 5.10: pcfs patch

4898397 5047630 6180557 6216134

- 118884-01 – SunOS 5.10: atomic.h patch
4954703
- 118890-01 – SunOS 5.10: llib-lc patch
4954703
- 118918-08 – SunOS 5.10: Solaris Crypto Framework patch
4691624 4926742 6195428 6195934 6197268 6197284 6199119 6204887 6211857
6215509 6215816 6217866 6220814 6222467 6223863 6223866 6223869 6228384
6231739 6231978 6250963 6252894 6262344 6264379 6274680 6276609 6280574
- 118923-02 – SunOS 5.10: ipf utility patch
5007714 5007726 6182677 6190561 6226332 6228498 6277084
- 119689-05 – SunOS 5.10: libc.so.1 patch
4932869 4954703 5042855 6198351 6214687 6214698 6214721 6214834 6215000
6221845 6225876 6225908 6231288 6239984 6245233 6263065 6263070 6269525
6270398
- 118925-01 – SunOS 5.10: unistd header file patch
6214687 6214698 6215000 6239984 6245233
- 118927-02 – SunOS 5.10: header file patch
6230117 6258024 6279871
- 118929-02 – SunOS 5.10: config files patch
5102062 6233613 6235044 6235348 6236870 6237411 6239801 6241067 6241305
6243651 6244315 6245559 6245620 6248393 6248910 6249127 6250430 6250931
6251004 6251611 6251780 6252083 6252176 6252241 6252403 6252407 6252409
6252411 6252787 6253593 6253788 6254783 6255334 6255668 6255689 6255906
6256152 6256158 6257300 6258433 6258528 6259497 6259768 6260517 6260524
6261879 6262887 6263777 6263907 6263927 6264948 6265718 6265719 6269404
6269633 6270085 6271973 6272149 6273098 6278610 6279331 6284157 6288882
6289703 6290564 6302802 6302827
- 118945-01 – SunOS 5.10: Sun Gigabit Ethernet 3.0 driver patch
6238162 5019183 6240487
- 118959-02 – SunOS 5.10: patch usr/bin/lastcomm and usr/bin/acctcom
5040580 6200474 6227221
- 118996-02 – SunOS 5.10: patch usr/sbin/format
4934259 6194723 6265652
- 119012-03 – SunOS 5.10: crypto Patch
5072858 5100567 6195428 6200215 6211857 6222467 6250168

- 119042-02 – SunOS 5.10: patch usr/sbin/svccfg
6221374
- 119059-07 – X11 6.6.2: Xsun patch
6219932 6219947 5016163 6224159 6276115 6212502 6228875 6219170 6248445
6265634 4751462 6226733 6248453 6247062 6248417 6216985 6269938 6226717
6265045 6280222 6297797 6278131 6279680 6270914
- 119063-01 – SunOS 5.10: libXpm patch
6231515 6241936
- 119065-01 – SunOS 5.10: fc-cache patch
6197206 6213630 6233445
- 119073-02 – SunOS 5.10: patch usr/sbin/ldapclient
6217454
- 119075-11 – SunOS 5.10: ip Patch
5013200 6211936 6212756 6216134 6217624 6218194 6222174 6230528 6231203
6231205 6233388 6233919 6236000 6236182 6237666 6237779 6237793 6237823
6248555 6250374
- 119145-05 – SunOS 5.10: usr/snadm/lib Patch
4692667 4789211 6178185 6215847 6215918 6290082
- 119081-05 – SunOS 5.10: CD-ROM Install Boot Image Patch
4393815 4716085 5047412 6198783 6215847 6218158 6221702 6222925
- 119090-12 – SunOS 5.10: Sun iSCSI Device Driver and Utilities
5094124 5094370 6173739 6173912 6206029 6206568 6207172 6207973 6208490
6211472 6211499 6211560 6211924 6212031 6213484 6213487 6213490 6213516
6214405 6214546 6215262 6216983 6218751 6219608 6220407 6220773 6221284
6221432 6221880 6222630 6224359 6224866 6226740 6226933 6228489 6230319
6231086 6231706 6233206 6233384 6235292 6236260 6236271 6236375 6239078
6239185 6239207 6240818 6240849 6240911 6241611 6242847 6244250 6244358
6245161 6247445 6249424 6250036 6254222 6255629 6257030 6258672 6259522
6259737 6261483 6261560 6261627 6261669 6262279 6262413 6263279 6263646
6267539 6267543 6268934 6274744 6276026 6278190 6280621 6282646 6282686
6284875 6285462 6287318 6288103 6293219 6296381 6296407 6296971 6297390
6298546 6300099 6303184 6304963 6306146 6314187
- 119254-06 – SunOS 5.10: Install and Patch Utilities Patch
5045607 6216195 6217206 6219176 6220578 6221954 6224740 6224767 6226770
6226930 6231818 6233011 6233738 6236231 6236855 6236866 6239875 6241431
6241944 6242607 6243480 6244125 6245446 6245715 6248984 6251452 6256515
6263190 6275557 6276148 6279485 6284610 6288746 6290368 6292233 6292269
6296187 6306319 6309013

- 119574-02 – SunOS 5.10: su patch
6213281 6219721 6219774 6243480
- 119107-06 – SunOS 5.10_sparc, Sun Update Connection Client, System Edition 1.0
6288010 6288194 6288300 6289010 6293659 6297756 6298489 6299025 6300171
6300219 6300355 6300794 6302650 6303352 6303587 6304558 6304563 6304786
6306155 6260830 6315572 6314437 6314341 6316780
- 119115-12 – Mozilla 1.7 patch
6177442 6221725 6211632 6192644 6200999 6200994 5077554 6200990 6202289
6224482 6225441 6228782 6216830 6224900 6234566 6245856 6247811 6247837
6247838 6247849 6248466 6248468 6248516 6248547 6248557 6248594 6248613
6249777 6249778 6255667 6248548 6249776 6259266 6259860 6259866 6259873
6259902 6260571 6260573 6269887 6261013 6281357 6271958 5015369 6251128
6267169 6281360 6282170 6282190 6284465 6287117 6258444 6297209 6297215
6297218 6297219 6297231
- 119117-07 – Evolution 1.4.6 patch
6204976 6201742 6218068 6182553 6206223 6216041 6231010 6222258 6251188
6262120 6272983 6259214 6249871 6253417 6279337 6297294 6299994 6303111
- 119130-10 – SunOS 5.10: Sun Fibre Channel Device Drivers
4368092 4792071 4961555 4998402 5091773 6205269 6207101 6207184 6207845
6210934 6214931 6215726 6216326 6216743 6221242 6225769 6227340 6227562
6233352 6233800 6235327 6235886 6238787 6250038 6254848 6258722 6260549
6261607 6270092 6276354 6279071 6279108 6283597 6286318 6288500 6288908
6290618 6292280 6292446 6292987 6295169 6296383 6298259 6298288
- 119143-02 – SunOS 5.10: patch lib/libinetutil.so.1
6220609
- 119201-06 – SunOS 5.10: OS Localization message patch
6232516 6218356 6210085 6209742 6237404 6255735 6278006 6270754 6284429
6305523
- 119246-07 – SunOS 5.10: Manual Page updates for Solaris 10
5032018 5044715 6213568 6219083 6227560 6227561 6239801 6240066 6266903
6270406 6284937 6291991 6293104 6298241 6300498 6300514 6301501 6302861
6303663 6304180 6305130 6305702 6305923 6306228 6306246 6306391 6306499
6309411 6310305 6312151 6316296 2123343 2123344 2125584 5107445 6176645
6192812 6218160 6219867 6229028 6231508 6236743 6239205 6247514 6248484
6249686 6249689 6249985 6259275 6275178 6280439 6281184 6289748 6289985
6291968 6292324 6293276 6293905 6293994 6295135 6295164 6295455 6295501
6295606 6295883 6295885 6295972 6298238 6299871 6301701 6302598 6175259
6186292 6213557 6219322 6244794 6247949 6256977 6259276 6267730 6268875
6274065 6275116 6275182 6275486 6276860 6277917 6278481 6279864 6279996
6178430 6199201 6215789 6227520 6242411 6242412 6245230 6247046 6248312

6249005 6249691 6259032 6259382 6260165 6261039 6261047 6262466 6263124
6266052 6266054 6266570 6267911 6270039 6270071 6271056 6274141 2123236
5087622 6190827 6196727 6209285 6218778 6222501 6225497 6235402 6241181
6247652 6251475 6252447 6253481 6256136 5090875 6207391 6212233 6217156
6217716 6222749 6227376 6242519 6242876 6243333 6244894 6245209 6245842
6246422 6247757 6250396 6250515 2122825 2122940 5008956 5038387 5043371
5046429 5069521 5095891 5096574 5104556 5108949 6182303 6193595 6194741
6195276 6195547 6198061 6200093 6201988 6202122 6205275 6208084 6209281
6210273 6211790 6211903 6212029 6212232 6212654 6212836 6213475 6213502
6213507 6213536 6214276 6214973 6215139 6215474 6215475 6216789 6216851
6217406 6218320 6218842 6218986 6219657 6219660 6219661 6219671 6220014
6220161 6220729 6220859 6221541 6221589 6221625 6221733 6221891 6222153
6222369 6222447 6222663 6222727 6223264 6223570 6224890 6225126 6225266
6225304 6225337 6225421 6225486 6225503 6225575 6225624 6225693 6229095
6229654 6229957 6230305 6230958 6231259 6231325 6231382 6231455 6231505
6231794 6232091 6233524 6233764 6233884 6233891 6233909 6234453 6235323
6236959 6236965 6237101 6237254 6237389 6237405 6237708 6237832 6237835
6238687 6240599 6240819 6241622 6243286

- 119250-03 – SunOS 5.10: usr/sbin/install.d/pfinstall Patch
4716085 4789211 6178185 6254694
- 119252-04 – SunOS 5.10: System Administration Applications Patch
4692667 4921333 5101364 6198291 6211620 6221551 6311509
- 119262-02 – SunOS 5.10: Patch for Central European Region locale issues
6222362 2123566 6255292
- 119276-03 – SunOS 5.10: Patch for Northern Europe Region locale issues
2123566 6255292 6276095
- 119278-03 – CDE 1.6: dtlogin patch
5046689 6209544 6247943 6211096 6267572
- 119280-02 – CDE 1.6: Runtime library patch for Solaris 10
6209386 6255303 4750419
- 119282-01 – CDE1.6: GNOME/CDE Menu for Solaris 10
6224922
- 119284-01 – CDE 1.6.119286-01: sdtwsinfo patch
6215091
- 119286-01 – CDE 1.6: dtterm libDtTerm patch
6219941
- 119309-03 – SunOS 5.10: PGX32 Graphics
6231238 6222319 6218355 6256782

- 119313-03 – SunOS 5.10: WBEM Patch
4872697 5006767 6212927 6235892 6255908
- 119315-03 – SunOS 5.10: Solaris Management Applications Patch
4418366 4770830 5080683 5092418 6192017 6196606
- 119317-01 – SunOS 5.10: SVr4 Packaging Commands (usr) Patch
6202830
- 119366-05 – GNOME 2.6.0: Display Manager Patch
5054339 6197950 6230090 6230098 6203727 5032088 6232578 6214222 6248517
6277164
- 119368-02 – GNOME 2.6.0: Printing Technology Patch
5083233 6200941
- 119370-06 – GNOME 2.6.0: GNOME panel and support libraries Patch
6205402 6253594 6214486 6200000 6208184 6218072 6222326 6303664
- 119372-02 – GNOME 2.6.0: GNOME common development tools and libraries
Patch
6230101 6200654
- 119374-05 – SunOS 5.10: sd and sdd Patch
5023670 5042195 5067964 6226862 6230146 6234227 6237585 6245378 6249580
6253744 6256272 6256312
- 119397-02 – SunOS 5.10: Patch for North America Region locale issues
2123566 6255292
- 119399-02 – SunOS 5.10: Patch for Central American Region locale issues
2123562 6255292
- 119401-02 – SunOS 5.10: Patch for Western Europe Region locale issues
2123566 6255292
- 119412-06 – GNOME 2.6.0: Nautilus libraries Patch
5011528 6218831 6202416 4899270 6255964 6234837 6200485 6234894 6200326
6238031 6251220 6262830
- 119414-02 – GNOME 2.6.0: Gnome Accessibility Libraries Patch
6192805 6205225 6182499 6182502 6217152 6192693 6205004 6216843 6226723
6228329 6260441
- 119416-01 – GNOME 2.6.0: Gnome Text-To-Speech Engine Patch
6216843 6226723 6228329
- 119418-01 – GNOME 2.6.0: Gnome On-screen Keyboard Patch

5109895 6200712 6211656

- 119420-01 – SunOS 5.10: Thai locale patch
6235012
- 119542-05 – GNOME 2.6.0: GNOME desktop preference configuration Patch
6239595 6244269 6214486 6195818 6217648 6271501
- 119544-02 – GNOME 2.6.0: Gnome streaming media framework Patch
6226060 6227666 6226597
- 119546-02 – APOC 1.1: APOC Configuration Agent Patch
6241546 6257229 6258281 6278047
- 119548-02 – GNOME 2.6.0: Gnome Multi-protocol instant messaging client Patch
6217610 4990149
- 119555-02 – SunOS 5.10: Software to support QLogic Ultra3 SCSI host bus
adapters
4895884 6219159 6220200
- 119557-05 – SunOS 5.10: tavor Patch
4880976 6196844 6196850 6196861 6199406 6200071 6201142 6207840 6207842
6210668 6213418 6223563 6223569 6223572 6223580 6223583 6226445 6234486
6234506 6239625 6239671 6250345 6266388
- 119580-01 – SunOS 5.10: libcpc Patch
5062645 5087929 6202564
- 119582-01 – SunOS 5.10: libprtdiag Patch
5062645 5087929 6202564
- 119583-01 – SunOS 5.10: memory classification header file patch
4818484 6198521 6253955
- 119586-01 – SunOS 5.10: pcbe Patch
5062645 5087929 6202564
- 119593-01 – SunOS 5.10: net-svc patch
6196716
- 119596-01 – SunOS 5.10: hsfcs patch
6216134
- 119601-02 – SunOS 5.10: Patch for European Region JDS messages
6250683 6296998 6274401 6186577 6263015 6176784 6180730 4929548 6308186
- 119603-02 – SunOS 5.10: Patch for Asian Region JDS messages
6250683 6263015 6176784 4932571 6308186 4957762 6294274 6297892 6312176

- 119605-02 – SunOS 5.10: Patch for Japanese JDS messages
6250683 6263015 6176784 6308186
- 119648-01 – SunOS 5.10: vlan driver patch
5097913 6216827
- 119681-03 – SunOS 5.10: patch platform/sun4u/wanboot
6233613 6237411 6251093 6281038
- 119683-01 – SunOS 5.10: lib/svc/bin/svc.configd Patch
6233184
- 119685-03 – SunOS 5.10: lib/svc/bin/svc.startd patch
6225601 6231291 6248163
- 119687-01 – SunOS 5.10: /usr/lib/inet/in.mpathd patch
4691277
- 119703-01 – S10: localeadm patch
6192791 6286551 6189823 6252055
- 119712-01 – SunOS 5.10: usr/sbin/in.routed Patch
5096257 6227282 6231263
- 119715-03 – SunOS 5.10: scsi_vhci patch
6203547 6219672 6219812 6221306 6230133 6230552 6232301 6254876
- 119721-02 – SunOS 5.10: usr/lib/efcode/sparcv9/interpreter patch
6251093 6281038
- 119876-02 – SunOS 5.10: FJSV,GPUU platform links patch
6265507 6285132
- 119728-02 – SunOS 5.10: FJSV,GPUU platform fmd.conf patch
6249544 6265507
- 119757-01 – SunOS 5.10: Samba patch
5080288 5100732 6179361 6217228 6218964 6248115 6248953
- 119764-02 – SunOS 5.10: ipmitool patch
6209442 6266203 6266225
- 119766-02 – SunOS 5.10: SunFreeware man pages patch
- 119771-01 – SunOS 5.10: Asian CCK locales patch
6246438
- 119783-01 – SunOS 5.10: bind patch
6192028 6226796

- 119810-01 – SunOS 5.10: International Components for Unicode Patch
4785261 6217550
- 119812-01 – X11 6.6.2: Freetype patch
6229445
- 119814-01 – SunOS 5.10: OS Japanese manpages patch
6262660 6261964 6317482
- 119824-01 – SunOS 5.10: prstat patch
6216522
- 119826-01 – SunOS 5.10: libadm.so.1 patch
6197410
- 119828-03 – SunOS 5.10: nfssrv Patch
5083133 6228017 6232586
- 119832-01 – SunOS 5.10: gld patch
6233073
- 119844-01 – SunOS 5.10: Patch for Southern Europe Region locale issues
6255292
- 119845-01 – SunOS 5.10: Patch for Australasia Region locale issues
6255292
- 119850-06 – SunOS 5.10: kernel/drv/sparcv9/mpt patch
5067964 5102062 6225262 6226426 6226862 6230146 6233613 6234363 6235044
6235348 6236253 6236870 6237411 6238679 6238686 6239801 6240956 6241067
6241305 6243651 6244315 6245378 6245559 6245620 6248393 6248910 6249127
6250430 6250931 6251004 6251611 6251780 6252083 6252176 6252241 6252403
6252407 6252409 6252411 6252787 6253593 6253744 6253788 6254783 6255334
6255668 6255689 6255906 6256152 6256158 6256312 6257300 6258433 6258528
6259497 6259768 6260517 6260524 6261879 6262887 6263777 6263907 6263927
6264948 6265718 6265719 6269064 6269404 6269633 6270085 6271973 6272149
6273098 6278610 6279331 6280459 6284157 6288882 6289703 6290564
- 119852-01 – SunOS 5.10: unix branding patch
6236514 6236985
- 119890-02 – GNOME 2.6.0: search tool Patch
6253916 5072526
- 119892-01 – GNOME 2.6.0: gimp Patch
6209566

- 119900-01 – GNOME 2.6.0: Gnome libtiff - library for reading and writing TIFF Patch
6203747
- 119903-01 – OpenWindows 3.7.3: Xview Patch
4459703
- 119906-03 – Gnome 2.6.0: Virtual File System Framework patch
5068327 6199955 6200485 6205707 6243455 6234855 6262830
- 119908-01 – Gnome 2.6.0: session manager patch
6193275
- 119955-02 – CDE 1.6: Tooltalk Runtime patch for Solaris 10
6206423 6235250
- 119963-03 – SunOS 5.10: Shared library patch for C++
6242459 6244128 6244223 6253345 6300352 6283644
- 119974-02 – SunOS 5.10: fp plug-in for cfgadm
6223856 6259488
- 119979-01 – SunOS 5.10: specfs patch
6216134
- 119981-03 – SunOS 5.10: libc_psr patch
5067964 6226862 6230146 6245378 6253744 6256312 6274184 6307457
- 119982-01 – SunOS 5.10: ufsboot patch
6233613 6237411
- 119983-01 – SunOS 5.10: svc patch
6233613 6237411
- 119984-01 – SunOS 5.10: devsadm patch
6237411 6245559
- 119985-01 – SunOS 5.10: perl patch
6233613 6237411
- 119986-01 – SunOS 5.10: clri patch
4913439
- 119988-01 – SunOS 5.10: sed patch
4865669
- 119990-01 – SunOS 5.10: netstat patch
6215546

- 119992-01 – SunOS 5.10: ses device patch
6227029
- 119994-01 – SunOS 5.10: libdevinfo patch
6253561 6257772
- 119996-01 – SunOS 5.10: libsec patch
6270748
- 120009-01 – SunOS 5.10: rmformat patch
5096891 6205014 6255670
- 120013-02 – SunOS 5.10: ip header patch
6230528 6237779
- 120030-01 – SunOS 5.10: mountd patch
6279317
- 120032-01 – SunOS 5.10: libresolv.so patch
6205056
- 120034-01 – SunOS 5.10: mntfs patch
6250256
- 120036-01 – SunOS 5.10: libldap patch
4626861 6232564 6232579
- 120038-01 – SunOS 5.10: sadc patch
6257191
- 120044-01 – SunOS 5.10: psrset patch
6248421
- 120046-01 – SunOS 5.10: nfsmapid patch
6243099 6268829 6276074
- 120048-01 – SunOS 5.10: FSS patch
6219389
- 120050-01 – SunOS 5.10: usermod patch
6211845
- 120052-01 – SunOS 5.10: pam unix cred library patch
6281689
- 120083-01 – SunOS 5.10: arp patch
6214946
- 120085-01 – SunOS 5.10: in.ftpd patch

6239487

- 120094-04 – X11 6.6.2: xscreensaver patch
6237901 6267306 6228023 6203951
- 120099-03 – APOC 1.1: Sun Java(tm) Desktop System Configuration Shared Libraries
6265312 6278049 6293945
- 120201-01 – X11 6.8.0: Xorg client libraries patch
6248315
- 120220-01 – SunOS 5.10: Emulex-Sun LightPulse Fibre Channel Adapter driver
6248456 6248899 6252273 6252308 6252633 6252767 6264417 6273321 6273949
6275529 6276730 6281068 6281270 6281938
- 120222-03 – SunOS 5.10: Emulex-Sun LightPulse Fibre Channel Adapter driver
6248456 6248899 6252273 6252308 6252633 6252767 6264417 6273321 6273949
6275529 6276730 6277406 6281068 6281270 6281938 6284688 6286283 6286352
6290648 6291133 6296689 6300078
- 120235-01 – SunOS 5.10: Live Upgrade Zones Support Patch
6275557
- 120251-01 – SunOS 5.10: st & mt patch
6225780 6232414
- 120272-01 – SunOS 5.10: SMA patch
6191915 6243363 6243366 6244918 6247942
- 120282-01 – GNOME 2.6.0: Gnome CD Player Utility Patch
5053909 6210011
- 120284-01 – GNOME 2.6.0: GNOME CORBA ORB and component framework
6235648 6238754
- 120286-01 – GNOME 2.6.0: Gnome text editor Patch
4937266
- 120288-02 – GNOME 2.6.0: Gnome terminal Patch
6241338 6242857 6303664
- 120292-01 – SunOS 5.10: mysql patch
6258187
- 120294-01 – SunOS 5.10: mysql man patch
6258187
- 120302-01 – SunOS 5.10: sendmail patch

6210697 6223059 6226968 6242365 6243456

- 120304-05 – SunOS 5.10: bge patch
4913952 5067964 6226862 6230146 6238679 6238686 6245378 6253744 6254960
6256312 6264487 6269064 6280390 6282121 6300960 6306072
- 120311-02 – SunOS 5.10: FRESHBIT ONLY PATCH: For deletes file
6178746
- 120329-01 – SunOS 5.10: rexec patch
6245588
- 120335-02 – SunOS 5.10: Sun Update Connection Localization, System Edition 1.0
Client
- 120338-04 – SunOS 5.10: Asian CCK locales patch
6279310 6285930
- 120339-01 – CDE 1.6: styleModern patch
6263134
- 120346-01 – SunOS 5.10: Common Fibre Channel HBA API Library
6288908
- 120362-02 – SunOS 5.10: DDI header file patch
6233613 6237411 6249127 6238679 6238686
- 120408-01 – SunOS 5.10: Korean Locales Patch
6267785 5024604 6285934 6263482 4916340 6299102
- 120450-01 – SunOS 5.10: get_netmask Utility Patch
4218092
- 120454-01 – GNOME 2.6.0: Gnome Apoc GConf Adapter Patch
6281517
- 120456-01 – GNOME 2.6.0: Gnome image viewer Patch
6288517
- 120458-01 – GNOME 2.6.0: Gnome configuration Patch
6293945
- 120460-02 – GNOME 2.6.0: Gnome libs Patch
6242857 5087948
- 120462-02 – SunOS 5.10: FUJITSU PCI GigabitEthernet 2.0 patch
6263610 6314180 6314192
- 120467-02 – SunOS 5.10: LP patch
4997994 5096624 6208058 6233613 6237411 6260526 6289134

- 120469-02 – SunOS 5.10: kerberos patch
6261685 6284864
- 120471-01 – SunOS 5.10: libbsm patch
6260039
- 120473-01 – SunOS 5.10: nss_compat patch
5097644
- 120537-03 – SunOS 5.10: md patch
6199444 6236382 6244431 6281300
- 120560-01 – SunOS 5.10: sun4u platform links patch
6297712
- 120618-01 – SunOS 5.10: mailx patch
6233613 6237411
- 120627-01 – SunOS 5.10: nfslogd patch
6214620
- 120629-02 – SunOS 5.10: libpool patch
6232648 6234525
- 120635-01 – SunOS 5.10: ontario etm patch
6279063
- 120661-02 – SunOS 5.10: rpcmod patch
5061331 6253388
- 120664-01 – SunOS 5.10: tl driver patch
4352289 6227895 6249138 6256056 6260210 6290652
- 120704-01 – SunOS 5.10: smartcard man patch
6310070
- 120706-0 – SunOS 5.10: XIL 1.4.2 Loadable Pipeline Libraries
6255091
- 120719-01 – SunOS 5.10: gzip patch
6283819 6294656
- 120732-01 – SunOS 5.10: libusb patch
5033202 6251518 6251836 6272172
- 120737-01 – SunOS 5.10: FX patch
6251636
- 120739-01 – GNOME 2.6.0: GNOME PDF Viewer based on Xpdf

- 6219093
- 120741-01 – SunOS 5.10: seg_map header file patch
6264443
- 120753-01 – SunOS 5.10: Microtasking libraries (libmtsk) patch
4640927 5105585 6176541 6224639 6266200 6281454 6284576 6292619 6308531
6315352
- 120780-01 – SunOS 5.10: ixgb patch
6224685 6249135 6267684 6273316 6275585 6275597 6283655 6293332 6296681
6303593
- 120791-03 – SunOS 5.10: Sun Update Connection Localization
6317596 6318522 6319326
- 120304-05 – SunOS 5.10: bge patch
4913952 5067964 6226862 6230146 6238679 6238686 6245378 6253744 6254960
6256312 6264487 6269064 6280390 6282121 6300960 6306072
- 120311-02 – SunOS 5.10: FRESHBIT ONLY PATCH: For deletes file
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- 120329-01 – SunOS 5.10: rexec patch
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- 120335-02 – SunOS 5.10: Sun Update Connection Localization, System Edition 1.0
Client
- 120338-04 – SunOS 5.10: Asian CCK locales patch
6279310 6285930
- 120339-01 – CDE 1.6: styleModern patch
6263134
- 120346-01 – SunOS 5.10: Common Fibre Channel HBA API Library
6288908
- 120362-02 – SunOS 5.10: DDI header file patch
6233613 6237411 6249127 6238679 6238686
- 120408-01 – SunOS 5.10: Korean Locales Patch
6267785 5024604 6285934 6263482 4916340 6299102
- 120450-01 – SunOS 5.10: get_netmask Utility Patch
4218092
- 120454-01 – GNOME 2.6.0: Gnome Apoc GConf Adapter Patch
6281517

- 120456-01 – GNOME 2.6.0: Gnome image viewer Patch
6288517
- 120458-01 – GNOME 2.6.0: Gnome configuration Patch
6293945
- 120460-02 – GNOME 2.6.0: Gnome libs Patch
6242857 5087948
- 120462-02 – SunOS 5.10: FUJITSU PCI GigabitEthernet 2.0 patch
6263610 6314180 6314192
- 120467-02 – SunOS 5.10: LP patch
4997994 5096624 6208058 6233613 6237411 6260526 6289134
- 120469-02 – SunOS 5.10: kerberos patch
6261685 6284864
- 120471-01 – SunOS 5.10: libbsm patch
6260039
- 120473-01 – SunOS 5.10: nss_compat patch
5097644
- 120537-03 – SunOS 5.10: md patch
6199444 6236382 6244431 6281300
- 120543-01 – SunOS 5.10: Apache Patch
6257414
- 120560-01 – SunOS 5.10: sun4u platform links patch
6297712
- 120618-01 – SunOS 5.10: mailx patch
6233613 6237411
- 120627-01 – SunOS 5.10: nfslogd patch
6214620
- 120629-02 – SunOS 5.10: libpool patch
6232648 6234525
- 120635-01 – SunOS 5.10: ontario etm patch
6279063
- 120661-02 – SunOS 5.10: rpcmod patch
5061331 6253388
- 120664-01 – SunOS 5.10: tl driver patch

4352289 6227895 6249138 6256056 6260210 6290652

- 120704-01 – SunOS 5.10: smartcard man patch
6310070
- 120706-01 – SunOS 5.10: XIL 1.4.2 Loadable Pipeline Libraries
6255091
- 120719-01 – SunOS 5.10: gzip patch
6283819 6294656
- 120732-01 – SunOS 5.10: libusb patch
5033202 6251518 6251836 6272172
- 120737-01 – SunOS 5.10: FX patch
6251636
- 120739-01 – GNOME 2.6.0: GNOME PDF Viewer based on Xpdf
6219093
- 120741-01 – SunOS 5.10: seg_map header file patch
6264443
- 120753-01 – SunOS 5.10: Microtasking libraries (libmtsk) patch
4640927 5105585 6176541 6224639 6266200 6281454 6284576 6292619 6308531
6315352
- 120780-01 – SunOS 5.10: ixgb patch
6224685 6249135 6267684 6273316 6275585 6275597 6283655 6293332 6296681
6303593
- 120791-03 – SunOS 5.10: Sun Update Connection Localization
6317596 6318522 6319326
- 120807-01 – SunOS 5.10: rpc.mdcommd patch
6290815
- 120809-01 – SunOS 5.10: metaclust patch
6274840
- 120815-01 – SunOS 5.10: dmfe patch
5067101
- 120824-02 – SunOS 5.10: usr/platform/SUNW,Sun-Fire-
T200/lib/libprtdiag_psr.so.1 Patch
6311020 6314098
- 120844-01 – SunOS 5.10: platform/sun4v/kernel/drv/sparcv9/glvc patch
6313788

- 119077-08 – SunOS 5.10: SPECIAL PATCH: For EDITABLE Files
4691624 6194576 6199119 6215509 6226428 6228652 6228655 6230025 6231964
6233613 6241837 6249025 6302802 6299091 6280390 6282121 6254960 6264487
- 119079-09 – SunOS 5.10: Script Patch
6210697 6223059 6226968 6233613 6242365 6243456 6256312 6273106 6302827
- 119088-05 – SunOS 5.10: SPECIAL PATCH: qlc Script Patch to replace package scripts
6210934 6236343 6292280 6292987 6303297
- 119092-04 – SunOS 5.10: SPECIAL PATCH: iSCSI Script Patch to replace package scripts
5094124 6207973 6213487 6239078
- 120224-01 – SunOS 5.10: SPECIAL PATCH: Emulex-Sun Fibre Channel Adapter driver
6267262
- 120274-01 – SunOS 5.10: SPECIAL PATCH: For postinstall File
6191915
- 120452-01 – SunOS 5.10: SPECIAL PATCH: For editable files only
5006767
- 120690-01 – SunOS 5.10: SPECIAL PATCH: For depend File
6299541
- 120746-01 – SunOS 5.10_sparc, SUNWswmt patch
6314804
- 120825-01 – SunOS 5.10: SPECIAL PATCH: FJSVpiclu depend file
6318307
- 120837-01 – SunOS 5.10: SPECIAL PATCH: For DEPEND Files
6213629 6317245