



Netra™ CP2300 cPSB Board Release Notes

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Netra CP2300 cPSB Board Release Notes

The *Netra CP2300 cPSB Board Release Notes* contain important and late-breaking information about the Netra™ CP2300 cPSB board, including:

- [“Known Issues” on page 1](#)
- [“Firmware Versions” on page 2](#)
- [“Patches to Download and Install” on page 2](#)

The most recent versions of the Netra CP2300 cPSB board documentation are available at:

http://www.sun.com/products-n-solutions/hardware/docs/CPU_Boards

Known Issues

[TABLE 1](#) lists the known issues with the current release of the Netra CP2300 cPSB board.

TABLE 1 Known Issues

Bug ID	Problem	Workaround
4835629	When you execute or test the LED programs with the green LED set to “off”, the green LED incorrectly blinks quickly	None.
--	Configuring an IDE hard disk as a slave to a DVD drive master does not work	This is not a supported configuration. The following configurations are supported in the Solaris™ operating environment: <ul style="list-style-type: none">• disk=master, with disk=slave• disk=master, with DVD=slave• DVD=master, with DVD=slave

Firmware Versions

For this release of the software, the Netra CP2300 cPSB board firmware must be at the following versions:

- Firmware version: 1.0.15
- SMCFW FLASH Code Version 4.1.3
- SMCFW BOOT Code Version: 4.15.2

To display the current firmware version, use the `.version` command at the OpenBoot PROM prompt. For example:

```
ok .version

Firmware version 1.0.15
Firmware CORE Release 1.0.8 created 2003/12/3 14:29
Release 4.0 Version 32 created 2004/01/05 11:22
SMCFW FLASH Code Version 4.1.3 Spec Version 2.5.2, Platform ID 20
SMCFW BOOT Code Version 4.15.2
PLD Revision : 1.1
CORE 1.0.8 2003/12/03 14:29
```

If you do not have the correct versions of the firmware, go to the SunSolve Web site, <http://www.sun.com/sunsolve>, and download the following firmware patch.

- 115193-04

Refer to the Readme file in the patch for any special installation instructions and to the *Netra CP2300 cPSB Board Installation and Technical Reference Manual* (816-7186) for instructions on upgrading the firmware.

Patches to Download and Install

This section provides information on the patches that you must download from the SunSolve™ web site for the Netra CP2300 cPSB board and instructions on how to apply these patches. These instructions are part of the Netra CP2300 cPSB board software installation procedures that are documented in the *Netra CP2300 cPSB Board Software Installation Guide* (817-2891). At a particular point in the installation procedure, you are asked to perform these tasks.

There are two types of patches to download:

- *Regular patches* are available on the main SunSolve web site, <http://www.sun.com/sunsolve>. If you specify the base Patch ID number (the first six digits) in the Search SunSolve window, you see the most recent version of the patch.
- *Point patches* are available on the point patch SunSolve web site, <http://www.sun.com/sunsolve/point>. You must specify the complete Patch ID number, including the version, in the Point Patch Search window to see the patch. Always install point patches last, after the regular patches.

There are also two procedures for downloading and installing patches for the Netra CP2300 cPSB board.

- If you are applying patches to a boot disk (if you installed Solaris onto a PMC disk or external hard drive), go to [“Applying Patches to a Boot Disk” on page 3](#).
- If you are applying patches to a network installation image for diskless clients, go to [“Applying Patches to a Diskless Service” on page 4](#).

Applying Patches to a Boot Disk

Following are the instructions for downloading and installing the patches that are required for the software installation process documented in the *Netra CP2300 cPSB Board Software Installation Guide* (817-2891).

1. **Locate and download the following patches listed in [TABLE 2](#).**

TABLE 2 Patches Required for a Boot Disk

Patch ID	Patch Location
114471-03	http://www.sun.com/sunsolve/point
116153-09	http://www.sun.com/sunsolve/point
116156-05	http://www.sun.com/sunsolve/point
116631-02	http://www.sun.com/sunsolve/point
116633-01	http://www.sun.com/sunsolve/point

2. **Perform an unzip on all of the patches that you downloaded.**
3. **Perform a patchadd for each of the patches *in the order given in [Step 1](#)*.**
 You must perform a patchadd on the patches in the order listed. Some of the patches require software that was added through previous patches, so adding patches out of order could result in error messages and corrupted software.
4. **Return to instructions in the *Netra CP2300 cPSB Board Software Installation Guide* (817-2891) to complete the software installation procedures for a disk drive.**

Applying Patches to a Diskless Service

Following are the instructions for downloading and installing the patches that are required for the software installation process documented in the *Netra CP2300 cPSB Board Software Installation Guide* (817-2891):

1. **Locate and download the following patches listed in TABLE 3.**

TABLE 3 Patches Required for a Diskless Service

Patch ID	Patch Location
111098-01	http://www.sun.com/sunsolve
114471-03	http://www.sun.com/sunsolve/point
116153-09	http://www.sun.com/sunsolve/point
116156-05	http://www.sun.com/sunsolve/point
116631-02	http://www.sun.com/sunsolve/point
116633-01	http://www.sun.com/sunsolve/point

2. **Move the patch zip files into the `image_directory/Solaris_8/Patches` directory.**
image_directory is the path to the directory where the Solaris 8 install image is stored.

Note – The *image_directory* will be the same directory used during the CP2300 software installation. Refer to the *Netra CP2300 cPSB Board Software Installation Guide* (817-2891) for more information on the *image_directory* location.

3. **Perform an unzip on all of the patches that you downloaded.**
4. **Change directories to the `/usr/sadm/bin` directory.**

```
# cd /usr/sadm/bin
```


5. Install the required patches to the diskless service.

Use the `smosservice patch` command to install the patches to the installation image.

Install the software patches on the sever *in this order*, where `root_password` is the root password of the server and `image_directory` is the Solaris 8 2/02 installation image directory. Note that you must add an additional `-U` option when you install the last patch to the installation image.

```
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/112396-02 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/108987-13 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/111111-03 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/111310-01 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/108528-21 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/108974-31 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/110386-03 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/111098-01 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/111023-02 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/108989-02 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/108993-22 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/109318-33 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/109134-28 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/109815-15 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/110460-30 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/109888-24 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/109458-03 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/111406-03 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/115398-03 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/115396-01 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/116101-01 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/116118-02 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/114471-03 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/116153-09 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/116156-05 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/116631-02 -m
# ./smosservice patch -u root -p root_password -- -a image_directory/Solaris_8/Patches/116633-01 -m -U
```

6. Manually apply the following two patches:

```
# /usr/sbin/patchadd -R /export/root/clone/Solaris_8/sun4u image_directory/Solaris_8/Patches/114471-03
# /usr/sbin/patchadd -R /export/root/clone/Solaris_8/.copyofsun4u image_directory/Solaris_8/Patches/114471-03
```

Where `image_directory` is the Solaris 8 2/02 installation image directory.

7. Create an admin file with the following parameters on the boot server:

- mail=
- instance=unique
- partial=nocheck
- runlevel=nocheck

- idepend=nocheck
- rdepend=nocheck
- space=nocheck
- setuid=nocheck
- conflict=nocheck
- action=nocheck
- basedir=/usr_sparc.all

8. Use the following command to apply the following packages on the boot server.

Note – The following command is a single long entry. Do not press the Return key until you have typed the entire text string shown in the following command.

```
# /usr/sbin/pkgadd -R /export/Solaris_8 -d /export/diskless/Patches/108993-22
-a path_to_admin_file package_name
```

where *path_to_admin_file* is the path to the admin file that you created in [Step 7](#), and *package_name* is the name of the packages in the following list. Note that you have to enter the command for each of the packages individually; do not enter all of the packages in one command.

- SUNWapppu
- SUNWarc
- SUNWarcx
- SUNWatfsu
- SUNWcsl
- SUNWcslx
- SUNWcstl
- SUNWcstlx
- SUNWcsu
- SUNWcsxu
- SUNWdpl
- SUNWdplx
- SUNWhea
- SUNWlldap
- SUNWmdb
- SUNWmdbx
- SUNWnisu
- SUNWpppd
- SUNWpppdu
- SUNWpppdx

9. Return to the instructions in the *Netra CP2300 cPSB Board Software Installation Guide (817-2891)* to complete the software installation procedures for diskless clients.