Netra™ 20 Release Notes

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Release Notes

This document lists the changes between the printed manuals and your delivered Netra 20 AC and DC systems.

The system was initially released as the Netra T4 AC100 supported by a manual set specifically for the AC version of the server. These manuals were all at revision -10.

Subsequently, a DC version was released as the Netra T4 DC100 and delivered with an updated manual set covering both the AC and DC versions of the server. These manuals were all at revision -11.

The most recent manual set incorporates the change of name to the Netra 20 server and includes information about the new 900MHz UltraSPARC III+ processor. This manual set comprises the following documents:

- *Netra 20 Compliance and Safety Manual* (part no. 816-5279)
- *Netra 20 Installation and User's Guide* (part no. 806-7334)
- *Netra 20 Service and System Reference Manual* (part no. 806-7336)
- *Netra 20 Release Notes—this document* (part no. 816-1307)

Note – Use these release notes only in conjunction with the latest manual set.

The document contains:

- "Delivered CDs for Updates 4/01, 7/01 and 10/01" on page 4

  This section contains important information relating to the correct instgallation CD to use when installing Solaris 8 Updates 4/01, 7/01 and 10/01.

- "Points You Should Note" on page 6

  This section highlights points of particular importance in ensuring that your system operates satisfactorily.

- "Software Issues" on page 7

  This section describes important bugs known immediately prior to the delivery of your Netra 20 system.

■ “Compliance Statement” on page 9
This section contains a compliance statement which should be considered as part of the *Netra 20 Compliance and Safety Manual*.

Delivered CDs for Updates 4/01, 7/01 and 10/01

The following installation CDs are supplied with the system for use with Solaris 8 Updates 4/01, 7/01 and 10/01 only.

- A combined installation CD for Solaris 8 Update 4/01, Update 7/01 and Update 10/01, to be used in conjunction with the corresponding Solaris 8 media kit (this installs the US-English version of the software)
- A combined *multilingual* installation CD for Solaris 8 Update 4/01, Update 7/01 and Update 10/01 to be used in conjunction with the corresponding update of the *multilingual* Solaris 8 media kit (this installs the Asian and European, including European English, version of the software)

Do not discard these CDs; they are essential for the Netra 20 installation procedure. The CDs replace the installation CD supplied with the corresponding Solaris media kit. Refer to Chapter 5 of the *Netra 20 Installation and User’s Guide* for details of the installation procedure.

Note – For Update 2/02 and later, use the installation CD supplied with the Solaris media kit. Refer to chapter 6 of the *Netra 20 Installation and User’s Guide*.

Caution – Ensure that you use the correct installation CD and Solaris media kit combination, as shown in TABLE 1.

TABLE 1 Choosing the Correct Installation CD

If you are installing ...	... and have these Solaris 8 CDs ...	... use this installation CD
Update 4/01	704-7562-10 (Solaris 8 CD 1 of 2) 704-7563-10 (Solaris 8 CD 2 of 2) 704-7650-10 (Documentation) 704-7601-10 (Supplemental)	704-0039-10
Update 7/01	704-7665-10 (Solaris 8 CD 1 of 2) 704-7666-10 (Solaris 8 CD 2 of 2) 704-7795-10 (Documentation) 704-7704-10 (Supplemental)	704-0039-10
Update 10/01	704-7826-10 (Solaris 8 CD 1 of 2) 704-7827-10 (Solaris 8 CD 2 of 2) 704-7930-10 (Documentation) 704-7928-10 (Supplemental)	704-0039-10
Update 4/01 (Multilingual)	704-7562-10 (Solaris 8 CD1 of 2) 704-7563-10 (Solaris 8 CD2 of 2) 704-7681-10 (Documentation European) 704-7680-10 (Documentation Asian) 704-7522-10 (Supplemental)	704-0041-10
Update 7/01 (Multilingual)	704-7665-10 (Solaris 8 CD1 of 2) 704-7666-10 (Solaris 8 CD2 of 2) 704-7796-10 (Documentation European) 704-7797-10 (Documentation Asian) 704-7645-10 (Supplemental)	704-0041-10
Update 10/01 Multilingual)	704-7826-10 (Solaris 8 CD 1 of 2) 704-7827-10 (Solaris 8 CD 2 of 2) 704-7942-10 (Documentation European) 704-7943-10 (Documentation Asian) 704-7813-10 (Supplemental)	704-0041-10
Update 2/02	Standard Solaris installation using the CDs in the media kit	Use the installation CD in the media kit

Points You Should Note

System Configuration Card

The system configuration card must be present and properly seated in your system at all times. In particular, note that:

- The system will not boot if the configuration card is not present.
- If you remove the configuration card from a working system, the system will shut down after 60 seconds.

Note – The system configuration card can become dislodged when the system is in transit. While this may not be obvious visually, it can be enough to prevent the system from booting. Before switching on the system for the first time, ensure that the card is fully seated in the card reader.

Sacrificial Brackets

Remove the orange sacrificial brackets *before* installing the system in a rack.

RJ45 LOMlite2 Serial Cable

A shielded RJ45 to RJ45 serial cable and RJ45 to DB-25 adaptor is supplied with the system to enable connection to the LOMlite2 serial port.

Note – The LOMlite2 serial port is the default serial port.

Software Issues

This section describes software issues relating to your Netra 20 system and lists other known platform-specific software bugs.

Serial Ports

`ttya` and `ttyb` are incorrectly named in the software. TABLE 2 shows the `/dev/term` entries for the hardware ports.

TABLE 2 Hardware Port Entries in `/dev/term`

Hardware Port	`/dev/term` Entry
`ttya`	`/dev/term/b`
`ttyb`	`/dev/term/c`
`lom-console`	`/dev/term/a`

4462131

The LOMlite2 `reset-x` command does not currently reset the CPUs. This will be fixed in a later revision of the OBP.

4476916

Following an upgrade of the LOMlite2 firmware using the `lom -G default` command at the Unix prompt, the system should return to the shell prompt. However, the system occasionally displays the OBP `ok` prompt instead after successfully downloading the firmware. If this occurs, type **`go`** to return to the Unix prompt.

4483972

If a break is sent on the console while OBP is resetting or starting up, the OBP initialization is interrupted. As a result, the platform name is not set to SUNW,Netra-T4 and, therefore, when Solaris boots, the platform identity is incorrect and the lombus driver is not loaded.

To recover, reboot the system.

To prevent this occurring do not interrupt the OBP startup process. If you interrupt the process by mistake, type **`reset-all`** at the `ok` prompt before rebooting Solaris.

4485823

When `/platform/sun4u/kernel/dev/lomv.conf` parameter `serial_timeout` has been enabled (by setting its value to `1`), and the lom output is not shared with general console output on the LOMlite2 port (by setting `input-device` and `output-device` to `ttya`), the message

```
[returning to system console]
```

is displayed at the lom console instead of ttya following a lom session timeout. To return to the `lom>` prompt, type `#.` at the lom console.

4488811

The multilingual installation CDs supplied with the Netra 20 system for Solaris 8 Updates 4/01 and 7/01 require the multilingual Solaris media kit. If you have the English-only media kit, see the comment at the end of “Delivered CDs for Updates 4/01, 7/01 and 10/01” on page 4.

Other Known Bugs

TABLE 3 is a listing of the currently known platform-specific software and firmware bugs.

TABLE 3 Known Netra 20 Platform Software and Firmware Bugs

4428172	4479032	4483972	4508483	4525941	4668704
4450601	4479499	4485823	4508485	4528323	4673741
4452208	4479510	4488811	4508799	4531241	
4454398	4479513	4492752	4512866	4531756	
4462281	4480643	4497117	4512874	4531772	
4469287	4481061	4498701	4519172	4617086	
4469844	4481063	4499277	4520559	4623249	
4471054	4481074	4500254	4522850	4636549	

TABLE 3 Known Netra 20 Platform Software and Firmware Bugs *(Continued)*

4475101	4481180	4500350	4522856	4636569
4476916	4481822	4502571	4522857	4640565
4477222	4482930	4502640	4522860	4652816
4477408	4483386	4504487	4522863	4657432
4477437	4483484	4504994	4522917	4658786

Compliance Statement

The following compliance statement should be added to the *Netra 20 Compliance and Safety Manual*.

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