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SunATM 4.0 Update 1 Software

This SunATM™ 4.0 Update 1 CD-Insert briefly describes how to install the SunATM 4.0 Update 1 driver software on your system.

Note – For complete information about how to install and configure the SunATM 4.0 Update 1 software, refer to the *SunATM 4.0 Installation and User's Guide* (part number: 805-6552-10) that accompanies this CD.

Before Installing the SunATM Software

Before installing the SunATM software, remove any previous version of the SunATM software from your system. If you attempt to add the new software packages over existing SunATM packages, the installation will fail.

1. **Become superuser (root).**

2. Check for any SunATM software packages by using the `pkginfo` command:

```
# /usr/bin/pkginfo | grep SUNWatm
```

If you find any SunATM packages, you must remove them.

- ♦ **Remove any existing SunATM software packages by using the `pkgrm` command:**

```
# /usr/sbin/pkgrm SUNWatm SUNWatma SUNWatmu
```

Note – If you are removing links from SunATM 1.0 software, see Chapter 4 of the *SunATM 4.0 Adapter Installation and User's Guide*.

Required Patches

There are software patches required for some versions of the Solaris operating environment on specific platforms. If you are installing the SunATM software on Solaris 2.5.1 or 2.6, you must install the appropriate patch prior to driver installation.

Operating Environment	Patch Number	Platforms That Require Patch
Solaris 2.5.1	104003-02	SPARCstation 4 and SPARCstation 5
Solaris 2.6	105786-07*	All

* If you are unable to install this patch, the system administrator must add the following line to the `/etc/system` file, then reboot the system.

```
set ba:ba_dozerocopy=0
```

Installing the SunATM Software

1. As superuser (root), insert the SunATM 4.0 Update 1 CD into the CD-ROM drive connected to your system.

- If your system is running the Volume Management software, it should automatically mount the CD on the `/cdrom/sun_atm_4_0_update_1` directory.
- If your system is not running the Volume Management software, type the following to mount the CD-ROM:

```
# mkdir /cdrom
# mount -F hsfs -o ro /dev/dsk/c0t6d0s0 /cdrom
```

2. Install the SunATM software packages.

- If your system is running the Volume Management software, type:

```
# /usr/sbin/pkgadd -d /cdrom/sun_atm_4_0_update_1/Product SUNWatm
SUNWatmu SUNWatma
```

- If your system is not running the Volume Management software, and you have mounted the CD-ROM as described in Step 2, type:

```
# /usr/sbin/pkgadd -d /cdrom/Product SUNWatm SUNWatmu SUNWatma
```

Note – For basic ATM functionality, the SUNWatm package is the only required software package. The SUNWatmu package contains the man pages and the files required to configure an ATM Simple Network

Management Protocol (SNMP) management system. The SUNWatma package provides the SunATM interim Application Programmers' Interface (API) libraries and header files.

The SunATM packages will be installed in the following directories:

- SunATM Device Drivers and Utilities (SUNWatm) go into /kernel/mod, /kernel/mod/sparcv9, /kernel/drv, /etc/init.d, /platform/SUNW, Ultra-4FT/kernel/drv, /kernel/drv/sparcv9, /etc/opt/SUNWconn/atm, /etc/rc2.d, and /etc/opt/SUNWconn/bin.
- SunATM Runtime Support Software (SUNWatmu) goes into /opt/SUNWconn/atm and /opt/SUNWconn/man.

Note – Man pages contained in the SUNWatmu package go into /opt/SUNWconn/atm/man and will have symbolic links in /opt/SUNWconn/man. (Add /opt/SUNWconn/man to your system's \$MANPATH environment variable.) Interim API examples will go into /opt/SUNWconn/atm/examples.

- SunATM Interim API (SUNWatma) will go into /opt/SUNWconn/atm/include, /opt/SUNWconn/atm/lib, /opt/SUNWconn/include and /opt/SUNWconn/lib.

3. Eject the SunATM 4.0 Update 1 CD-ROM.

- If your system is running the Volume Management software and a window interface, click on the Eject Disk button on the /cdrom/sun_atm_4_0_update_1 File Manager.
- If your system is running the Volume Management software without a window interface, type:

```
# cd /  
# eject cdrom
```

- If you are not running the Volume Management software, and you mounted the CD-ROM as described in Step 2, type:

```
# cd /  
# umount /cdrom  
# eject /dev/dsk/c0t6d0s0
```

Note – For more information about the Volume Management software, refer to the Solaris documentation.

4. Configure your SunATM interface(s).

You must complete the network configuration of your SunATM interface before you can use the interface. An interactive program, `/etc/opt/SUNWconn/bin/atmadmin`, is included with the SunATM software, and it may be used to configure your SunATM interfaces.

Note – See Chapter 5 of the *SunATM 4.0 Installation and User's Guide* for instructions on how to use the `atmadmin` configuration program.

Caution – You *must* configure the SunATM software before rebooting your system.

5. Perform a reconfiguration boot on your system.

Note – Refer to the *SunATM 4.0 Installation and User's Guide*, which was shipped with this CD, for more information.

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