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# SunFDDI Installation

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The *SunFDDI Installation* CD-ROM contains the software required by the SunFDDI adapters.

This CD insert describes how to install the driver software.

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**Note** – For a list of supported platforms and complete information about how to configure the SunFDDI Driver software, refer to the *SunFDDI™ SBus Adapter 6.0 User's Guide* or the *SunFDDI™ PCI Adapter 2.0 User's Guide* (part numbers: 805-5447-10 and 805-5449-10, respectively).

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## Before Installing the SunFDDI Driver Software

Before proceeding with the hardware and software installation, determine if the system already contains a `nf` or `pf` device.

- ◆ **Using the `prtconf -pv` command, check for any currently installed instances of a `nf` or `pf` device.**

For SunFDDI/S:

```
# prtconf -pv | grep -w nf
name: 'nf'
```

For SunFDDI/P:

```
# prtconf -pv | grep -w pf
name: 'pf'
```

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**Note** – Refer to the *SunFDDI™ SBus Adapter 6.0 User's Guide* or the *SunFDDI™ PCI Adapter 2.0 User's Guide* for further information on how to install the SunFDDI adapters.

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## Installing the SunFDDI Adapter

If your system contains a SunFDDI device:

- ◆ **Install the SunFDDI driver software as described in “Installing the Driver Software on Solaris Systems” on page 4.**

If your system does not contain a SunFDDI device:

- ♦ **Shut down the system and install the adapter as described in your SunFDDI User's Guide.**

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**Note** – If your system supports Dynamic Reconfiguration (DR), do not shut down or reboot. Refer to the Installation manual that shipped with your system for further installation instructions.

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## Mounting the CD-ROM

1. **Become superuser.**
2. **Insert the *SunFDDI Installation* CD-ROM into a CD-ROM drive that is connected to your system.**

If your system is running Volume Manager, it should automatically mount the CD-ROM to the The CD-ROM is mounted automatically under `/cdrom/sunfddi_s6_0_and_p2_0/`

- If your system is not running Volume Manager, mount the CD-ROM as follows:

```
# mkdir /cdrom/sunfddi_s6_0_and_p2_0
# mount -F hsfs -o ro /dev/dsk/c0t6d0s2 \
/cdrom/sunfddi_s6_0_and_p2_0
```

# Files and Directories on the CD-ROM

You will see the following files and directories in the `/cdrom/sunfddi_s6_0_and_p2_0` directory.

File or Directory	Contents
Copyright	U.S. copyright file
FR_Copyright	French copyright file
Product	
sbus	Contains the SBus software packages
pci	Contains the PCI software packages

## Installing the Driver Software on Solaris Systems

### 1. Start `pkgadd`.

For SunFDDI/P type the following:

```
# cd /cdrom/sunfddi_s6_0_and_p2_0/Product/pci
# pkgadd -d .
```

For SunFDDI/S type the following:

```
# cd /cdrom/sunfddi_s6_0_and_p2_0/Product/sbus
# pkgadd -d .
```

**2. Create an entry in the /etc/hosts file for each active pf (PCI) or nf (SBus) interface.**

The following example shows the /etc/hosts file.

```
# cat /etc/hosts
#
# Internet host table
#
127.0.0.1      localhost
129.144.10.57 zardoze    loghost
129.144.11.83 zardoze-11
```

3. **At the command line, use the `grep` command to search the `/etc/path_to_inst` file for `nf` or `pf` instances.**

For SunFDDI/P:

```
# grep pf /etc/path_to_inst
"/pci@1f,4000/pci@1/network@1" 0 "pf"
```

For SunFDDI/S:

```
# grep nf /etc/path_to_inst
"/sbus@1f,0/network@1,100000" 0 "nf"
```

In the previous examples, the 0 instance is for the first SunFDDI adapter installed in each system.

4. **Set up each `hostname.nf<num>` or `hostname.pf<num>` file to correspond with each SunFDDI device in the `path_to_inst` file.** The following example shows the `/etc/hostname.nf<num>` file required for a system which has a `nf` interface with the hostname `zardoze-11`, but the same applies for PCI (`pf`).

```
# cat /etc/hostname.nf1
zardoze-11
```

5. **Setup the adapter using the `ifconfig` command, where `<ip_address>` corresponds to the system IP address to use the adapter without rebooting. The following example again is for the SBus adapter, but the same applies for PCI (p.f).**

At the command line, type:

```
# ifconfig nf0 plumb
# ifconfig nf0 <ip_address> up
```

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**Note** – After installing the driver software, refer to the *SunFDDI™ SBus Adapter 6.0 User's Guide* or the *SunFDDI™ PCI Adapter 2.0 User's Guide* for information on how to configure the software.

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