

# SunFDDI/S™ Adapter 6.0

## Release Note

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# SunFDDI/S Adapter 6.0 Release Note

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This release note describes the late-breaking information for the SunFDDI/S Adapter 6.0. The SunFDDI/S 6.0 release incorporates the following enhancements.

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## Installing the Driver

Beginning with the Solaris 7 release, SunFDDI device drivers were included on the Software Supplement for the Solaris Operating Environment CD. This inclusion ensures that the current driver is compatible with the current operating environment, allowing you to update drivers along with your operating environment. Therefore, if your system is running, or if you are installing Solaris 7 or a subsequent compatible release, install the SunFDDI device driver from the Software Supplement CD. Refer to the Solaris Sun Hardware Platform Guide for more information.

If your system is running a Solaris release earlier than the Solaris 7 release, install the drivers included on the SunFDDI product CD packaged with this card.

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# Bugs Fixed With This Release

TABLE 0-1 lists the bugs that have been fixed with this version of the software.

**TABLE 0-1** SunFDDI/S Bugs Integrated with 6.0 Release

Bug ID Number	Description of Bug
Bug ID 4148523	Cannot boot SunFDDI client from a 64-bit Starfire system.
Bug ID 4154967/ 4127116	Error "ioctl SIOCIFCONF: Invalid argument" when SunFDDI daemon starts.
Bug ID 4087551/ 4165506	Patch 104572-03 causes system to panic when <code>kmem_flags</code> are set to <code>0x1f</code> .
Bug ID 4162195/ 4154952	Duplicate MAC address seen on <code>nf0</code> .
Bug ID 4150948	Multicast addresses need to be allocated dynamically.
Bug ID 4146581	"Peer Wrap Condition".
Bug ID 4154183	By default, the Sun FDDI/S 6.0 package <code>SUNWnfu</code> incorrectly puts the following files in the <code>/opt/*</code> directory, making them unusable. <code>/opt/sbin/nf_snmd</code> <code>/opt/sbin</code> <code>/opt/etc/rc2.d/S98nf_fddidaemon</code> <code>/opt/etc/rc2.d</code> <code>/opt/etc/rc0.d/K98nf_fddidaemon</code> <code>/opt/etc/rc0.d</code> <code>/opt/etc</code>
Bug ID 4154181	Duplicate <code>snt.conf</code> files are created.
Bug ID 4109520	SunFDDI/S device driver not reporting SNMP.
Bug ID 441060646	Need to reorganize SunFDDI/S software packages.
Bug ID 4166543	SunFDDI/S device drivers use <code>/etc/system</code> for parameter configuration.
Bug ID 4147921	SunFDDI/S 6.0 software does not honor the local mac address OBP property.
Bug ID 4060571	SunFDDI/S software packages are missing man pages.
Bug ID 4138473	Occasionally, a critical NFS server will hang.
Bug ID 4172232	Poor performance with 64-bit version of SunFDDI/S 6.0 device driver.
Bug ID 4070932	SunFDDI/S 5.0 drops packets under heavy loads.

**TABLE 0-1** SunFDDI/S Bugs Integrated with 6.0 Release

Bug ID Number	Description of Bug
Bug ID 4173751	SC2000 will crash if you boot the system with KADB and SunFDDI/S 5.0.
Bug ID 4174199	Sun E1000 hangs under heavy network traffic for 5-8 minutes.
Bug ID 4175748	<code>kpreempt_disable()</code> isn't used appropriately in <code>ppage.c</code> and the SunFDDI/S driver.
Bug ID 4172901	Panic occurred in SunFDDI/S driver.
Bug ID 4173818	SunFDDI/S does not recognize that Alternate Pathing <code>fddi</code> metadvice type <code>mnf</code> is configured.
Bug ID 4175265	The SunFDDI/S 6.0 package for Solaris 7 is missing a man pages for <code>nf_sync</code> .

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## Patch Enhancement

The patch ID 106738 has been added to the SunFDDI/S 6.0 X-Option CD-ROM package. If you installed the software packages by using the `pkgadd` command from the X-Option CD-ROM, then the patch has already been installed. If not, you may verify that the patch has been installed by using the `showrev -p` command. You will see output similar to the following:

```
% showrev -p | grep 106738
Patch: 106738-0x Obsoletes: Requires: Incompatibles: Packages:
SUNWnfd, SUNWnfm, SUNWnfu
```

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## Support for Dynamic Reconfiguration (DR)

At the time of this release, there is a known limitation in DR functionality. In some cases, the system fails to resume when there is a no power cycle during a quiesce test suspend/resume sequence. To avoid this failure, use the full suspend/power cycle/resume sequence instead of the quiesce test.

