

SunATM™ 4.0 Release Notes



THE NETWORK IS THE COMPUTER™

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SunATM 4.0 Release Notes

These release notes contain the late-breaking news for the SunATM™ 4.0 software release.

Supported Number of SunATM/P Adapters Per Netra ft 1800

The Sun Netra™ ft 1800 supports up to four SunATM/P 3.0 155 adapters per system.

Redundant LANE Servers

SunATM adapter software does not support redundant LAN Emulation Services, such as Cisco System's Simple Server Redundancy Protocol (SSRP) for LAN Emulation.

SunATM and Solstice FireWall-1

The Solstice FireWall-1™ product does not currently support the SunATM 4.0 release. Refer to bug report (BugID 4073989) for more information.

Running atmtest

Running `atmtest` for extended periods of time (i.e., over a day) will cause the system to panic. This is the result of a known OS problem (see BugID 4102546) against Solaris 2.6 and occurs when `ddi_dma_mem_free()` is called on a little-endian page whose virtual address is equal to or greater than `0x80000000`.

The `atmtest` also can fail if the bandwidth or outstanding packets is set too high for the system to handle. If this happens, an error similar to the example occurs.

```
SUNWvts.atmtest.4000 09/17/98 17:33:10 atmtest ba0 WARNING:
"VC30 dropped
pkt, seq: exp=41, obs=43; len: exp=1747, obs=6022"
```

- **To correct this error, reduce the bandwidth or the number of outstanding packets in the `atmtest`.**

Diskless, Dataless, or Autoclient Systems

SunATM adapters are not currently supported on diskless, dataless, or autoclient systems. The `root` and `/usr` file systems must be local for SunATM to operate.

Supported Number of Emulated Local Area Networks

The total number of Emulated Local Area Networks (ELANs) supported per system is 64. Refer to the *SunATM 4.0 Installation and User's Guide* for more information about Emulated Local Area Networks.

Note – The SunATM/S 2.0 155 adapters do not support multiple ELANs.

*hyper*SPARC Modules Are Not Supported

The SunATM 4.0 software does not support sun4m systems containing *hyper*SPARC™ modules. If you have a SPARCstation 10, 10SX, or 20 system with *hyper*SPARC modules, or if you have updated your system to use *hyper*SPARC modules, you will not be able to use this SunATM release.

To see if your machine contains *hyper*SPARC modules, type the following command:

```
# prtconf | grep Ross,RT625
```

You will see `Ross,RT625 (driver not attached)` as the result of this command if your system contains a *hyper*SPARC module.

