Sun™ HIPPI/P 1.1 Release Notes

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Preface

This document contains the release notes for the Sun HIPPI/P 1.1 release.

Before You Read This Book

This book is intended for system administrators who have a working knowledge of UNIX® systems, particularly those based on the Solaris™ operating environment. If you do not have such knowledge, first read the *Solaris User and System Administrator* collection in AnswerBook2™ format provided with this system and consider UNIX system administration training.

Using UNIX Commands

This document may not contain information on basic UNIX® commands and procedures such as shutting down the system, booting the system, and configuring devices.

See one or more of the following for this information:

- AnswerBook2 online documentation for the Solaris 2.x software environment, particularly those dealing with Solaris system administration
- Other software documentation that you received with your system

Typographic Conventions

Typeface or Symbol	Meaning	Examples
`AaBbCc123`	The names of commands, files, and directories; on-screen computer output	Edit your `.login` file. Use `ls -a` to list all files. `% You have mail.`
`AaBbCc123`	What you type, when contrasted with on-screen computer output	`% su` `Password:`
AaBbCc123	Book titles, new words or terms, words to be emphasized	Read Chapter 6 in the *User's Guide*. These are called *class* options. You *must* be superuser to do this.
	Command-line variable; replace with a real name or value	To delete a file, type `rm` *filename*.

Shell Prompts

Shell	Prompt
C shell	*machine_name*%
C shell superuser	*machine_name*#
Bourne shell and Korn shell	$
Bourne shell and Korn shell superuser	#

Related Documentation

Application	Title	Part Number
Installation	*Sun HIPPI/P 1.1 Installation and User Guide*	806-3673
Reference	*Sun HIPPI/P 1.1 Reference Manual*	806-3674

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Sun HIPPI/P 1.1 Release Notes

This document includes the general issues, supported platforms, and supported software, bugs, and documentation errata for the Sun HIPPI/P 1.1 release. At the time this document was printed, no patches are needed for this release of the Sun HIPPI/P 1.1 Network Interface Card (NIC).

General Issues

This section contains the general issues for this release of the Sun HIPPI/P 1.1 NIC. You must be aware of these issues before you attempt to install and use the Sun HIPPI/P 1.1 NIC on your system.

AP and DR

The Sun HIPPI/P 1.1 release does not support Alternate Pathing (AP) and Dynamic Reconfiguration (DR); thus, you cannot have alternate paths to a Sun HIPPI/P 1.1 NIC, nor can you safely remove a board that has a Sun HIPPI/P 1.1 NIC attached to it.

Broadcasting

The Sun HIPPI/P 1.1 release does not support broadcasting. The Sun HIPPI/P 1.1 network is a connection-oriented network, not a packet-based network, such as Ethernet.

Character Device Interface

This release of the Sun HIPPI/P 1.1 software does not include the Character Device Interface packages or documentation. If you have support issues, contact your Sun representative.

Platform Support

This section contains a list of the platforms that support the Sun HIPPI/P 1.1 NIC and the number of devices that are supported on each platform.

TABLE 0-1 Platform Support

Platform Name	Number of Devices Supported
Sun Enterprise 10000	Four (4) per domain
Sun Enterprise 3x00, 4x00, 5x00, 6x00	Four (4) per platform
Ultra 60	One (1) per platform
Ultra 80	One (1) per platform

Software Support

The following list contains the Solaris operating environment releases supported by the Sun HIPPI/P 1.1 release.

- Solaris 2.6
- Solaris 7
- Solaris 8

Getting Started

You can obtain the Sun HIPPI/P 1.1 software from one of the following sources:

- The Web
- The Sun HIPPI/P 1.1 CD-ROM

Obtaining the Software

If you plan to use the Sun HIPPI/P 1.1 CD-ROM to obtain the software, refer to the *Sun HIPPI/P 1.1 Installation and User Guide* for instructions. If you plan to obtain the Sun HIPPI/P 1.1 software from the Web, use the following procedure.

▼ To Obtain the Sun HIPPI/P 1.1 Software From the Web

1. **Using your web browser, go to** `http://www.sun.com/servers/sw/`
2. **Click on the** `HIPPI/P 1.1` **link.**
3. **Click on the** `Click here to download` **link.**

   The downloaded file is named `sun_hippi_1_1.zip`.
4. **Log in as superuser if you have not already done so.**
5. **Change directories to the directory in which you downloaded the software.**
6. **Unzip the downloaded file.**

   The Sun HIPPI/P 1.1 packages are located in the following directory:

   /download_directory`/hippi_1.1/Product`

   Refer to "To Install Sun HIPPI/P By Using `pkgadd`(1M)" in the *Sun HIPPI/P 1.1 Installation and User Guide* to complete the rest of the installation.

Known Bugs

This section contains the known bugs that were discovered during this release.

`sink`(1M) and `blast`(1M) Can Fail Under Solaris 2.6 (4307714)

The `sink`(1M) and `blast`(1M) commands can fail when they are executed on a domain that is running the Solaris 2.6 operating environment. These commands are part of the loopback tests in the *Sun HIPPI/P 1.1 Installation and User Guide*; however, this behavior happens anytime `sink`(1M) or `blast`(1M) are executed in the Solaris 2.6 operating environment.

Workaround: If you plan to use `sink`(1M) and/or `blast`(1M), use the following steps.

▼ To Use `sink`(1M) or `blast`(1M) in the Solaris 2.6 Operating Environment

1. **As superuser, kill the HIPPI daemon by typing:**

```
# hippid -k
```

You can now safely use the `sink`(1M) and / or `blast`(1M) commands; however, you cannot terminate a `sink`(1M) or `blast`(1M) process that is waiting to receive or send data without executing the following step.

2. **If necessary, terminate the `sink`(1M) or `blast`(1M) process by typing:**

```
# hippi off hipn
# hippi on hipn
```

Where *n* equals the instance number of the HIPPI NIC interface.

3. **Restart the HIPPI daemon by typing:**

```
# hippid
```

Documentation Errata

This section contains errors that were found in the documentation after it was released.

The *Sun HIPPI/P 1.1 Installation and User Guide* contains several instances of the default MTU size. The size should be 57384.