

# Sun™ HIPPI/P 1.0 Release Notes

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THE NETWORK IS THE COMPUTER™

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# Preface

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This document contains the release notes for the Sun HIPPI/P 1.0 release.

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## 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* in AnswerBook2 format provided with this system and consider UNIX system administration training.

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## 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 sources 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

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# Typographic Conventions

TABLE P-1 Typographic Conventions

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

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# Shell Prompts

TABLE P-2 Shell Prompts

Shell	Prompt
C shell	<i>machine_name</i> %
C shell superuser	<i>machine_name</i> #
Bourne shell and Korn shell	\$
Bourne shell and Korn shell superuser	#

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## Related Documentation

TABLE P-3 Related Documentation

Application	Title	Part Number
Installation	<i>Sun HIPPI/P 1.0 Installation and User's Guide</i> (available in AnswerBook2 and printed format)	805-7133-10
Interface	<i>Sun HIPPI/P 1.0 Character Device Interface User's Guide and Reference Manual</i> (available in AnswerBook2 format only)	805-7707-10
Reference	<i>Sun HIPPI/P 1.0 Character Device Interface Reference Manual</i> (available in AnswerBook2 and man(1M) format only)	805-7708-10

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# Sun HIPPI/P 1.0 Release Notes

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This document includes the general issues, supported devices, and known bugs for the Sun HIPPI/P 1.0 release. No patches or fixed bugs exist in this release of the Sun HIPPI/P 1.0 Network Interface Card (NIC).

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## General Issues

This section contains the general issues for this release of the Sun HIPPI/P 1.0 NIC. You must be aware of these issues before you attempt to install and use the Sun HIPPI/P 1.0 NIC on your system.



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**Caution** – For every machine on the HIPPI/P 1.0 network, you must manually edit the `/etc/opt/SUNWconn/hippi/hippiarp.conf` file so that it contains the ULA address of every machine on the network. For more information, refer to Step 2b on page 3-27 in the *Sun HIPPI/P 1.0 Installation and User's Guide*.

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## AP and DR

The Sun HIPPI/P 1.0 release does not support Alternate Pathing (AP) and Dynamic Reconfiguration (DR); thus, you cannot have alternate paths to a Sun HIPPI/P 1.0 NIC, nor can you remove a board that has a Sun HIPPI/P 1.0 NIC attached to it.

## Broadcasting

The Sun HIPPI/P 1.0 release does not support broadcasting. The Sun HIPPI/P 1.0 network is a connection-oriented network, not a packet-based network such as Ethernet.

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## Supported Devices

This section contains a list of the devices that are supported in the Sun HIPPI/P 1.0 release.

TABLE 1 Platform Devices

Platform Name	Number of Devices Supported
Sun Enterprise 10000	Four (4) per domain
Sun Enterprise 3x00, 4x00, 5x00, and 6x00	Four (4) per platform

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## Documentation Errata

This section contains information that was discovered after the installation and user's guides went to press.

## Essential HIPPI Packages

You *must* remove the Essential HIPPI packages if they exist on the platform or domain *before* you attempt to install the Sun HIPPI/P 1.0 packages.

## ▼ To Remove the Essential HIPPI Packages

### 1. Manually remove the Essential HIPPI files.

```
# rm /platform/platform_name/kernel/drv/file_name
```

You can use the `uname(1)` command with the `-i` option to get the platform name. You need to remove the following files:

- `hip`
- `hipip`
- `hipip.conf`

### 2. Remove the init script.

```
# rm /etc/init.d/esship_up
```

### 3. Reboot the platform or domain.

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**Note** – Error messages may appear in the system console during the reboot. You can ignore any HIPPI error messages about missing packages.

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### 4. Remove the ESShip package.

```
# pkgrm ESShip
```

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**Note** – Error messages may appear in the system console during the removal of this package. You can ignore any HIPPI error messages about missing packages.

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### 5. Remove any old HIPPI instances.

#### a. Make a copy of the existing configuration file.

```
# cp /etc/path_to_inst /tmp/
```

#### b. Remove the HIPPI instances.

```
# grep -v hip /etc/path_to_inst > /tmp/new_pti
```

**c. Update the instances database.**

```
# cp /tmp/new_pti /etc/path_to_inst
```

If you have trouble removing the Essential packages, please contact your service representative. Otherwise, refer to the *Sun HIPPI/P 1.0 Installation and User's Guide* to install the Sun HIPPI/P 1.0 packages.

## Loopback Testing

You must perform loopback testing after the installation of the Sun HIPPI/P 1.0 hardware and software. Refer to the *Sun HIPPI/P 1.0 Character Device Interface User's Guide and Reference Manual* for instructions on how to perform the loopback tests.