

HighPoint Storage Management Service User's Manual

Copyright © 2001-2003 HighPoint Technologies, Inc.

All rights reserved.

Last updated on Mar 1, 2003

Table of Contents

OVERVIEW1

Supported Operating Systems.....1

CONTROL THE SERVICE2

Check to see if the service is running.....2

Start the service manually.....2

Stop the service manually.....2

CONFIGURE THE SERVICE3

Configure listening port.....3

Deal with log file.....3

Overview

HighPoint Storage Management Service is part of HighPoint Storage Management Software. It provides functionality for remote access to the system, for event logging and notification, and for the console user interface to work.

HighPoint Storage Management Service must be installed on a system that has HighPoint ATA RAID Controllers installed. Please refer to **installation guide** for how to install the software.

Once the service is started, you can use HighPoint Storage Management Console to connect to the service, either from the local system the service is running on or from a remote workstation.

Supported Operating Systems

- Microsoft Windows 98/Me
- Microsoft Windows NT/2000/XP
- Linux
- FreeBSD

Control the service

Check to see if the service is running

When the service is installed, it should be started automatically. To see if it is running, do the following.

- Windows 98 — Press **Ctrl + Alt + Del**. In the Close Program window, you should see hptsvr98 in the list of running programs.
- Windows NT/2000 — Click **Start**, point to **Settings**, Click **Control Panel**, double-click **Services**, the hptsvr should be listed as started.
- Linux — Type the following:
ps -e | grep hptsvr
You should see some lines printed on screen. If nothing happens, the service is not running.
- FreeBSD — Type the following:
ps -a | grep hptsvr
You should see some lines printed on screen. If nothing happens, the service is not running.

For Windows operating systems, a service manager utility is provided. Click **Start**, point to **Programs**, and click **HighPoint Storage Management Software** (maybe another name which determined by users who install the software), and click **HighPoint Storage Management Service Manager** to run. Service status should be displayed by colored traffic lights.

Start the service manually

- Windows 98/NT/2000 — Click **Start**, point to **Programs**, and click **HighPoint Storage Management Software** (maybe another name which determined by users who install the software), and click **HighPoint Storage Management Service Manager** to run, and in the service manager window, click **Start** button.
- Linux/FreeBSD — Type the following:
hptsvr

Stop the service manually

- Windows 98/NT/2000 — Click **Start**, point to **Programs**, and click **HighPoint Storage Management Software** (maybe another name which determined by users who install the software), and click **HighPoint Storage Management Service Manager** to run, and in the service manager window, click **Stop** button.
- Linux — Type **ps -e | grep hptsvr** to get the PID of hptsvr. Select the minimum, assume it is *pid*, type **kill -9 *pid*** to terminate the service.
- FreeBSD — Type **ps -a | grep hptsvr** to get the PID of hptsvr. Select the minimum, assume it is *pid*, type **kill -9 *pid*** to terminate the service.

Configure the service

Configure listening port

The service uses two TCP ports, called system port and event port, to listen to clients' connections. System port is used as the main communication channel between the service and management console. Event port is used by the service for asynchronous event notification.

The default value for system port is 7402 (decimal), and 7403 (decimal) for event port. The port numbers are configurable either through management console or by modifying the service configuration file (hpt.ini) directly.

On Windows system, the configuration file is located at your Windows directory (e.g. **c:\winnt**). On Linux/FreeBSD system, the file is **/etc/hpt.ini**. The file may be not exist if the service is using default configuration.

A sample configuration file is show below.

```
serverport  7402
eventport   7403
```

The “serverport” key specifies the value for system port. The “eventport” key specifies the value for event port. When you want to change this setting, please make sure that the port is available (not occupied by other programs) and its value is between 1000 (decimal) and 65535 (decimal).

The event log file

The events logged by the service are saved into a file named '**hpt.log**'. On Windows platform, it is at the system's directory. On Linux/FreeBSD systems, it is at **/var/log** directory.

The log file size may grow very large after a period. You can truncate it manually or clear the event log from the management console.