



H Commands

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halt

To prepare the storage router to be powered down, issue the **halt** command.

halt [**force**] [**fast**]

Syntax Description

force	(Optional) Force an immediate halt of the storage router.
fast	(Optional) Bypass hardware diagnostics when the storage router is next restarted.

Defaults

If there are unsaved configuration changes when the command is issued, the default is to save all changes before halting. If the command is issued with the optional **force** keyword, any unsaved configuration changes are discarded.

Command Modes

Administrator.

Command History

Release	Modification
2.2.1	This command was introduced for the SN 5428.
3.2.1	This command was introduced for the SN 5428-2.

Usage Guidelines

The **halt** command prepares the storage router file system to be powered down. If the storage router is participating in a cluster, the **halt** command will cause any SCSI routing instances running on this storage router to failover to another storage router in the cluster.

If the **halt** command is issued with no keywords and there are unsaved changes to the current configuration, you are prompted to save or discard the changes.

Use the **force** keyword to cause an immediate halt of the storage router, discarding any unsaved configuration changes. Append the optional **fast** keyword to bypass diagnostics when the storage router is restarted.

When the **halt** command completes, the storage router displays the following system prompt:

```
[HALTED] #
```

The storage router can be safely powered down when the HALTED system prompt appears. The only CLI command that can be issued from the storage router at the HALTED system prompt is the **reboot** command.



Note

When the storage router is restarted, the cluster determines any SCSI routing instances that should be started. If the storage router is identified as the preferred storage router for any SCSI routing instance (via the **scsirouter primary** command), that instance will start running (assuming targets and critical resources are available).

Examples

The following prompt is received if you issue a **halt** command (without the **force** keyword) when the storage router has unsaved configuration changes.

```
[SN5428-2A]# halt
*** Warning: This will halt the system.
Do you want to continue? [yes/no (no)] yes

Changes have been made to the current configuration of the system which
have not been saved.
yes    - all of the configuration data will be saved,
no     - modifications to the configuration data will not be saved.

Save ALL configuration data? [yes/no (yes)] no
Halting system.....!
[HALTED]#
```

The following example halts the storage router (after prompting you to save any unsaved configuration changes). Diagnostics will be bypassed when the storage router is restarted.

```
[SN5428-2A]# halt fast
```

Related Commands

Command	Description
reboot	Cause the storage router to shut down and then restart.

help

To display information on how to use the CLI, issue the **help** command.

help

Syntax Description This command has no arguments or keywords.

Defaults None.

Command Modes Administrator or Monitor.

Command History	Release	Modification
	2.2.1	This command was introduced for the SN 5428.
	3.2.1	This command was introduced for the SN 5428-2.

Usage Guidelines The **help** command displays information about the various CLI commands that can be issued, based on the mode currently in use. The **help** command also displays information about the special keys that can be used in the CLI.

Examples The following example shows the special key information returned as a result of the **help** command:

```
[SN5428-2A]# help
```

```
Special keys:
?          list choices
Backspace  delete character backward
Tab        complete current word
Ctrl-A     go to beginning of line
Ctrl-B or Arrow Left go backward one character
Ctrl-D     delete character
Ctrl-E     go to end of line
Ctrl-F or Arrow Right go forward one character
Ctrl-K     delete from current position to end of line
Ctrl-N or Arrow Down go to next line in history buffer
Ctrl-P or Arrow Up   go to previous line in history buffer
Ctrl-T     transpose current character and previous character
Ctrl-U     delete line
Ctrl-W     delete previous word
```

Related Commands	Command	Description
	enable	Enter Administrator mode.
	exit	Leave Administrator mode and enter Monitor mode.

hostname

To specify a new system name for the storage router, use the **hostname** command. The storage router is recognized by this name through the management interface.

This command takes effect immediately, and the new system name is automatically integrated into the prompt string.

hostname *sysname*

Syntax Description

<i>sysname</i>	The name of the storage router. This may be the fully qualified domain name. Maximum length is 19 characters. The name cannot contain blanks, white space, or control characters.
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Defaults

None.

Command Modes

Administrator.

Command History

Release	Modification
2.2.1	This command was introduced for the SN 5428.
3.2.1	This command was introduced for the SN 5428-2.

Usage Guidelines

The storage router must have a system name, which is assigned to the storage router during initial configuration. Use this command to change the system name.

If you wish to enable network management on the storage router using the facilities of a Domain Name Server (DNS), you must make the storage router system name and IP address known to the DNS. Use the system name specified in this command.

Examples

The following example changes the storage router name to *sn5428-2lab1*.

```
[SN5428-2A] # hostname sn5428-2lab1
```

Related Commands

Command	Description
save all	Save all configuration information.
save system	Save selected system configuration information.
show system	Display selected system information, including system name.

