NAME

ssacli – SPARCstorage Array Command Line Interface

SYNOPSIS

ssacli [*option* . . .] *action object* . . .

AVAILABILITY

SUNWssaop

DESCRIPTION

The **ssacli** command is now obsolete and has been replaced with the **ssaadm** command. The **ssacli** command will not be available in future releases.

The **ssacli** command is a command line interface application that manages the SPARCstorage Array. **ssacli** performs a variety of control and query tasks depending on the command line arguments and options used.

The command line must contain an *action*, and one or in some cases more than one *object*. It may also contain options and other parameters depending on the action. The action is applied to each of the objects on the command line.

OPTIONS

−**v** verbose mode.

Other options specific to the action are described below.

USAGE

In the following descriptions, **<***ctlr***>** is used as the pathname of the controller and **<***unit***>** is used as the pathname of a disk.

The pathname of the controller can be the physical path of the controller,

An example of a physical path is:

/devices/../../SUNW,soc@3,0/SUNW,plnaxxxxxxx,xxxxxxxx:ctlr

or it can be a entry of the form

c*N*

where **c***N* is the logical controller number (See **disks**(1M) for more information on logical names for disks and controllers).

The **ssacli** program uses the **c***N* entry to find an entry in the **/dev/rdsk** directory of a disk that is attached to the SPARCstorage Array controller. The **/dev/rdsk** entry is then used to find the physical name of the SPARCstorage Array controller.

The **<***unit***>** is addressed by its logical or physical address.

An example of a logical disk address is: **/dev/rdsk/c1t0d0s2**.

ACTIONS

[−**p**] **display <***ctlr***><***unit***>**. . .

Display configuration or performance information.

−**p** used to display performance information. If it is not already enabled the accumulation of the performance statistics should be enabled before displaying the performance information. If it is not all of the I/O's per second will be displayed as zeros.

The performance display shows the following information:

BUSY in percent, how busy the MicroSparc controller in the

SPARCstorage Array is

IOPS the total I/O's per second for the SPARCstorage Array

entries for each disk
the total I/O's per second for that disk.

–s –f *filename* **download <***ctlr***>**
The SPARCstorage Array controllers prom image specified by *filename* will be down-loaded to the SPARCstorage Array controller and written into its FEPROMs.

NOTE: The **download** modifies the FEPROM on the SPARCstorage Array and should be used with **CAUTION**. When the download is complete the SPARCstorage Array must be reset in order to use the downloaded code.

–s specifies to save the downloaded image. Downloading an image without this option is not supported.

[–s] –c fast_write <*ctlr* | *unit***>**
[–s] –d fast_write <*ctlr* | *unit***>**
[–s] –e fast_write <*ctlr* | *unit***>**
Select fast write mode for all units or for a specified unit.

–c enables fast writes for synchronous writes only

–d disables all fast writes

–e enables fast writes for all writes.

–s will cause the SSA to save the change so it will persist across power-cycles.

–d perf_statistics <*ctlr***>**
–e perf_statistics <*ctlr***>**
Disable/enable the accumulation of performance statistics.

purge <ctlr|unit>
Purges any fast write data from NVRAM for one unit, or all units if the controller is specified. This option should be used with caution, usually only when a drive has failed.

reserve <*ctlr* | *unit***>**
Reserve the controller or a unit for exclusive use by the issuing host.

release <*ctlr* | *unit***>**
Release a reservation.

start <*ctlr* | *unit***>...**
Spin up all units in the controller or a specific unit.

–t <*tray number***> start <***ctlr***>**
Spin up all units in the selected tray.

stop <*ctlr* | *unit***>...**
Spin down all units in the controller or a specific unit.

–**t** <*tray number*> **stop** <*ctlr*>
Spin down all units in the selected tray.

sync_cache <*ctlr* | *unit*>
Flushes all outstanding writes for all units or for the specified unit from NVRAM to the media.

EXIT STATUS

The following exit values are returned:

0 Successful completion.

-1 An error occurred.

SEE ALSO

disks(1M), **ssaadm**(1M)

NOTES

For more information, see the *SPARCstorage Array Users Guide*.