

## Mercury Command Line Reference (Release 8.1)

The Command Line Interface (CLI) can be accessed in any of the following ways:

- Using Secure Shell (SSH) to connect into the NAS server through the SMU.
- Using SSH or Telnet to directly connect into the NAS server.
- Using the SSC utility, available for Windows and Linux.
- Using the Perl SSC utility (PSSC), available for all other UNIX operating systems.

These utilities allow you to access the CLI, which then requires that you log in before issuing commands. The default login user name and password for the server are:

**Username:** supervisor

**Password:** supervisor

Refer to the System Administration Guide for more information about using the utilities listed above.

## Command Line Reference

Click on a man page name to view additional reference information.

### Topics

The following table lists topics that are functional areas or concepts relevant to the NAS server, but are not, in themselves, commands. These topics provide information relating to one or more commands, file service protocols, or technologies used by the NAS server. Click on a topic link to view the man page for that topic.

Topic
<a href="#">cacls-fields</a>
<a href="#">changelist</a>
<a href="#">cifs</a>
<a href="#">cod</a>
<a href="#">console</a>
<a href="#">evs-specifier</a>
<a href="#">external-migration</a>

<a href="#">file-clone</a>
<a href="#">filesystem-specifier</a>
<a href="#">ldap</a>
<a href="#">mount-point-access-configuration</a>
<a href="#">ndmp-devices</a>
<a href="#">sd-group</a>
<a href="#">sd-spec</a>
<a href="#">site</a>
<a href="#">span</a>
<a href="#">ssfs</a>
<a href="#">storage-based-snapshot</a>
<a href="#">storage-based-snapshot-label</a>
<a href="#">tier</a>

## Commands

The following table lists NAS server commands. The information in the man page for each command describes the command, shows the command syntax, and may also provide examples and/or links to other relevant information. Click on a command name link to view the man page for that command.

By default, the table is sorted by command name in alphabetical order. Click on the Privilege Level column heading to group the commands by privilege level. When commands are grouped by privilege level, they are sorted by name in alphabetical order. To sort all commands by name (regardless of privilege level), click the Command column heading.

Command	<a href="#">Privilege Level</a>	Description
<a href="#">adjoinedfs-create</a>	Super visor	Adjoins file systems to a main fs to create an adjoined file system.
<a href="#">adjoinedfs-expand</a>	Super visor	Adjoins additional secondary file systems to an existing adjoined file system.
<a href="#">adjoinedfs-status</a>	Super visor	Displays the state of the adjoined file system.
<a href="#">adjoinedfs-unlink</a>	Super visor	Unlinks adjoined file system leaving it as an ordinary file system.

<a href="#">agg-upgrade</a>	Super visor	Upgrade aggregation configuration
<a href="#">aggedit</a>	Super visor	Configure an aggregation interface
<a href="#">alert-mail</a>	User	Report/configure alerts by email
<a href="#">alert-send-test</a>	Super visor	Immediately send an alert to all configured recipients
<a href="#">alert-snmp</a>	User	Report/configure alerts by SNMP
<a href="#">alert-summary</a>	Super visor	Send alert summary now
<a href="#">alert-syslog</a>	User	Report/configure alerts by syslog
<a href="#">apropos</a>	Any	Search command names and descriptions
<a href="#">arp</a>	Super visor	ARP table manipulation
<a href="#">arp-logger</a>	Super visor	Display the internal ARP log
<a href="#">async-lock-perf</a>	Super visor	Display asynchronous file region lock statistics
<a href="#">at</a>	Super visor	Manipulate at job table
<a href="#">audit-log-clear</a>	Super visor	Clear (empty) the current audit log for a file system
<a href="#">audit-log-perf</a>	Super visor	Display filesystem audit log performance statistics
<a href="#">audit-log-save</a>	Super visor	Save a copy of the current audit log for a file system
<a href="#">audit-log-show</a>	Super visor	Display the audit log for a file system
<a href="#">audit-log-stats</a>	Super visor	Display basic file system audit log statistics
<a href="#">audit-syslog</a>	Super visor	Report/configure audit events by syslog
<a href="#">autodoc</a>	User	Auto document commands
<a href="#">autoinquiry-config</a>	Super visor	Enables/disables autoinquiry persistently.

<a href="#">backup-device-forget</a>	Super visor	Remove one or more backup devices from the ID Manager database
<a href="#">backup-device-port</a>	Super visor	Control host port used for backup device connection
<a href="#">backup-device-set-evs</a>	Super visor	Assign a tape drive or robot to one or all EVSes
<a href="#">backup-devices-list</a>	Super visor	List NDMP devices, such as tape drives and media changers
<a href="#">backupregistry</a>	Super visor	Backup the registry file to the current directory
<a href="#">banner-get</a>	Super visor	Display the login banner
<a href="#">banner-get-enabled</a>	Super visor	Report whether the login banner is enabled.
<a href="#">banner-set</a>	Super visor	Modify the login banner
<a href="#">banner-set-enabled</a>	Super visor	Enable or disable the login banner.
<a href="#">batt-log-show</a>	Super visor	Display contents of battery log
<a href="#">batt-show</a>	Super visor	Display battery information
<a href="#">block-sizes</a>	Super visor	List the block sizes available
<a href="#">boot-reasons</a>	Super visor	Show board boot reasons
<a href="#">bypass-permissions-check</a>	Super visor	Disable fs access control
<a href="#">cache-bias</a>	Super visor	Set bias of obj-store metadata cache for small files or large files
<a href="#">cacls-add</a>	Super visor	Add ACLs and ACEs to a Security Descriptor
<a href="#">cacls-del</a>	Super visor	Delete ACLs and ACEs from a Security Descriptor
<a href="#">cacls-mask-in</a>	Super visor	Mask (logically OR) in Security Descriptor element values
<a href="#">cacls-mask-out</a>	Super	Mask (logically AND) out Security Descriptor element values

<a href="#">chassis-drive-clean-configuration</a>	Super visor	Run the chassis drive management script
<a href="#">chassis-drive-media-scan</a>	Super visor	Run the chassis drive media scan utility
<a href="#">chassis-drive-status</a>	Super visor	Display the chassis drive status
<a href="#">check-directory</a>	Super visor	Schedules a check of a directory on the specified file system
<a href="#">check-fsa-bitmap</a>	Super visor	Schedules a check of the FSA bitmap on the specified, unmounted file system
<a href="#">check-objstore</a>	Super visor	Checks the object store metadata for a given object
<a href="#">checkfs</a>	Super visor	Schedules a check of the specified, unmounted file system
<a href="#">checkpoint-stats</a>	Super visor	Dumps stats on checkpoints for specified file system
<a href="#">chgrp</a>	Super visor	Change the group associated with a file
<a href="#">chmod</a>	Super visor	Change Unix file access permissions
<a href="#">chown</a>	Super visor	Change the owner associated with a file
<a href="#">chunk-allocation-strategy</a>	Super visor	Report and control how chunks of free space are allocated from spans
<a href="#">cifs-auth</a>	Super visor	Enable/disable CIFS authentication for current EVS
<a href="#">cifs-close</a>	Super visor	Closes files opened over CIFS
<a href="#">cifs-config-clear</a>	Super visor	Clear all CIFS serving names for all EVSes.
<a href="#">cifs-config-list</a>	Super visor	List currently-configured CIFS serving names for all EVSes.
<a href="#">cifs-dc</a>	Super visor	Manages the Domain Controller cache.
<a href="#">cifs-dc-broadcast</a>	Super visor	Used to enabled/disable domain controller discovery using NetBIOS broadcast
<a href="#">cifs-dc-check-conn</a>	Super	Adjust tolerance of server / DC check-conn

<a href="#">cifs-log-access-administrators-only</a>	Super visor	Set cifs logs access to administrators only
<a href="#">cifs-log-access-mode</a>	Super visor	Displays the current cifs log access mode
<a href="#">cifs-log-access-unrestricted</a>	Super visor	Allow unrestricted cifs log access
<a href="#">cifs-max-multiplex</a>	Super visor	Manage the max number of concurrent CIFS requests allowed
<a href="#">cifs-name</a>	Super visor	Manage list of CIFS serving names
<a href="#">cifs-perf</a>	Super visor	Display CIFS performance statistics
<a href="#">cifs-saa</a>	User	Manages Share Access Authentication in real file systems, cluster or EVS name spaces
<a href="#">cifs-share</a>	User	Manipulate CIFS shares on real file systems, cluster name spaces, or EVS name spaces
<a href="#">cifs-smb2-disable</a>	Super visor	Disables the SMB2 service.
<a href="#">cifs-smb2-durable-open-file-scavenger-timer-display</a>	Super visor	Display the SMB2 durable open file scavenger timer
<a href="#">cifs-smb2-durable-open-file-scavenger-timer-set</a>	Super visor	Set the SMB2 durable open file scavenger timer
<a href="#">cifs-smb2-enable</a>	Super visor	Enables the SMB2 service
<a href="#">cifs-smb2-orphaned-durable-open-files</a>	Super visor	Display the orphaned durable open files
<a href="#">cifs-smb2-soft-disconnect-mode-disable</a>	Super visor	Disables the SMB2 Soft Disconnect Mode.
<a href="#">cifs-smb2-soft-disconnect-mode-enable</a>	Super visor	Enables the SMB2 Soft Disconnect Mode
<a href="#">cifs-smb2-soft-disconnect-mode-status</a>	Super visor	Display the status of the SMB2 Soft Disconnect Mode (enabled or disabled).
<a href="#">cifs-smb2-status</a>	Super visor	Display the status of the SMB2 service (enabled or disable).

<a href="#">cluster-node-route-delete</a>	Super visor	Delete a cluster-node-route configuration entry
<a href="#">cluster-node-route-delete-all</a>	Super visor	Delete all cluster-node-route configuration entries
<a href="#">cluster-node-route-disable</a>	Super visor	Disable cluster-node-route configuration
<a href="#">cluster-node-route-enable</a>	Super visor	Enable cluster-node-route configuration
<a href="#">cluster-node-route-list</a>	User	Display cluster-node-route configuration
<a href="#">cluster-node-route-status</a>	User	Show the cluster-node-route configuration status
<a href="#">cluster-ping</a>	Super visor	Ping cluster nodes and quorum devices
<a href="#">cluster-rename</a>	Super visor	Rename a Cluster
<a href="#">cluster-show</a>	User	Show cluster parameters and node status
<a href="#">cluster-unconfigure</a>	Super visor	Unconfigure a cluster
<a href="#">cn</a>	User	Run command on specific pnode
<a href="#">cns-icc-perf</a>	Super visor	Display ICC link response times
<a href="#">cod-backup-dump</a>	Super visor	Show the full contents of a file created by sd-back-up-cod or span-back-up-cod
<a href="#">cod-backup-list</a>	Super visor	Show brief details of a file created by span-back-up-cod or sd-back-up-cod
<a href="#">connection</a>	Super visor	Show/delete/reset stats for network protocol connections
<a href="#">connstats</a>	User	Report/Reset TCP connection statistics
<a href="#">console-context</a>	User	Change the context for the current console
<a href="#">console-logging</a>	Super visor	Set/show logging of console commands
<a href="#">contact-info</a>	User	Report/configure contact information
<a href="#">credentials-list</a>	Super visor	Lists credentials
<a href="#">credentials-reassess</a>	Super	reassess credentials after changes to mappings/local

<a href="#">default-owner-policy</a>	Super visor	Set default owner policy
<a href="#">default-quota</a>	User	Manages default user/group quotas
<a href="#">default-resiliency-level</a>	Super visor	Sets the cluster-wide default resiliency level.
<a href="#">devinfo</a>	Super visor	Display info on a specified device
<a href="#">devuser</a>	Super visor	Limit access to the top level user
<a href="#">df</a>	User	Display disk utilization by file systems
<a href="#">diag-sources</a>	Super visor	List, enable or disable sending of certain diagemails
<a href="#">diagemail</a>	Super visor	Send a diagnostic email
<a href="#">diagshowall</a>	Super visor	Run all commands in showall.txt
<a href="#">directory-entry-crc</a>	Super visor	Calculates the CRC of a directory entry
<a href="#">dlm-errors</a>	Super visor	Report DLM protocol errors
<a href="#">dlm-stats</a>	Super visor	Display Distributed Lock Manager statistics
<a href="#">dnsdomainname</a>	User	Define DNS domain name
<a href="#">dnssearch</a>	User	Define DNS search list
<a href="#">dnserver</a>	User	Define DNS servers
<a href="#">domain-mappings-add</a>	Super visor	Adds a domain mapping to the mapping table
<a href="#">domain-mappings-delete</a>	Super visor	Deletes an entry from the domain mapping table
<a href="#">domain-mappings-list</a>	Super visor	lists domain mapping entries
<a href="#">domain-mappings-replace</a>	Super visor	Replaces an entry from the domain mapping table
<a href="#">domain-mappings-use-default</a>	Super visor	Sets whether the default domain mapping entry should be used if no other entries exist

<a href="#">dump-interface-routes-by-evs</a>	Super visor	.dumps the interface routes
<a href="#">dump-logged-stats</a>	Super visor	Dump logged statistics to the console
<a href="#">dump-router</a>	Super visor	.dumps the router
<a href="#">dvcb</a>	Super visor	Dumps the DVCB
<a href="#">dynamic-log-delete</a>	Super visor	Delete dynamic log
<a href="#">dynamic-log-dump</a>	Super visor	Dumps dynamic log
<a href="#">echo</a>	User	Display a line of text
<a href="#">enhanced-debug-stats</a>	Super visor	Control gathering of enhanced debugging information
<a href="#">enhanced-perf-stats</a>	Super visor	Control enhanced performance statistics gathering
<a href="#">ethernetstats</a>	User	Report/reset ethernet statistics
<a href="#">event-log-clear</a>	Super visor	Clear event log
<a href="#">event-log-definitions</a>	Super visor	Display event definitions
<a href="#">event-log-filter</a>	Super visor	Manage event log filters
<a href="#">event-log-generate</a>	Super visor	Generate an event
<a href="#">event-log-show</a>	Super visor	Show event log
<a href="#">evs</a>	Super visor	EVS management
<a href="#">evs-auto-failover</a>	Super visor	EVS management
<a href="#">evs-security</a>	User	Change/report per EVS security settings
<a href="#">evs-select</a>	User	Set EVS context
<a href="#">evsfs</a>	Super visor	EVS file system management

<a href="#">fc-fabric</a>	Super visor	Print details of all fabrics
<a href="#">fc-fcp-log</a>	Super visor	Dump/clear the FCP logs
<a href="#">fc-host-port-load</a>	Super visor	Display allocation of devices to FC host ports
<a href="#">fc-hports</a>	Super visor	Print server (host) ports info
<a href="#">fc-link</a>	Super visor	Enable/disable FC link
<a href="#">fc-link-reset</a>	Super visor	Reset one or all of the FC interfaces
<a href="#">fc-link-speed</a>	Super visor	Set or display FC link speed
<a href="#">fc-link-status</a>	Super visor	Show FC link status and all config
<a href="#">fc-link-type</a>	Super visor	Set or display FC link port type
<a href="#">fc-log</a>	Super visor	dump/clear FC logs
<a href="#">fc-loopmap</a>	Super visor	Display current FC loopmap
<a href="#">fc-loopmap-log</a>	Super visor	dump/clear FC loopmap logs
<a href="#">fc-network-monitor-dump</a>	Super visor	dump the internal state of the network monitor
<a href="#">fc-network-monitor-invalidate</a>	Super visor	invalidate the internal state of the network monitor
<a href="#">fc-nodes</a>	Super visor	Print details of all target nodes
<a href="#">fc-port-test</a>	Super visor	Loopback FC port test
<a href="#">fc-ports</a>	Super visor	Print remote FC port info
<a href="#">fc-rls</a>	Super visor	Read link status blocks
<a href="#">fc-sessions</a>	Super	Print sessions info

<a href="#">file-clone-create</a>	Super visor	Clone a file's unnamed stream.
<a href="#">file-clone-report-block-sharing</a>	Super visor	Report how much block sharing there is between a clone and each of its predecessor snapshot-files
<a href="#">file-clone-stat</a>	Super visor	Display information about a clone
<a href="#">file-clone-stat-snapshot-file</a>	Super visor	Display information about a snapshot-file
<a href="#">file-filtering</a>	Super visor	Control the NTP Software file filtering interface
<a href="#">file-filtering-failures</a>	Super visor	Report NTP Software file filtering scan failures
<a href="#">file-filtering-perf</a>	Super visor	Display NTP file filtering performance statistics
<a href="#">file-region-locks</a>	Super visor	List a file's byte range locks
<a href="#">file-security-descriptor-delete</a>	Super visor	Delete a file's security descriptor
<a href="#">file-streams</a>	Super visor	Displays summary info about a file's data streams
<a href="#">filesystem-audit</a>	Super visor	Control or display the Audit Policy options for a filesystem
<a href="#">filesystem-audit-reset</a>	Super visor	Reset the audit log for a file system
<a href="#">filesystem-chunk-translate-offset</a>	Super visor	Translate a filesystem chunk number and offset into different formats
<a href="#">filesystem-confine</a>	Super visor	Restrict or prevent auto-expansion of a filesystem
<a href="#">filesystem-create</a>	Super visor	Add a new filesystem to a span
<a href="#">filesystem-decode-si</a>	Super visor	Dump the config of a filesystem configured into SI's control memory
<a href="#">filesystem-delete</a>	Super visor	Delete a filesystem and all its data, leaving its host span in place
<a href="#">filesystem-dwb</a>	Super visor	Enable or disable dynamic write balancing for a filesystem
<a href="#">filesystem-expand</a>	Super	Allocate more space to a filesystem

<a href="#">filesystem-notifications</a>	Super visor	List the last notification sent by the spanning system for each filesystem
<a href="#">filesystem-object-dump</a>	Super visor	List details of all loaded filesystems
<a href="#">filesystem-object-list</a>	Super visor	List all loaded filesystems
<a href="#">filesystem-raw-dump</a>	Super visor	Hexdump bytes from a filesystem, bypassing server caches
<a href="#">filesystem-release</a>	Super visor	Allow unlimited auto-expansion of a filesystem if its span is unconfined
<a href="#">filesystem-remake-tiers</a>	Super visor	Recalculates the MTFS state for a file system
<a href="#">filesystem-rename</a>	Super visor	Change a filesystem's label
<a href="#">filesystem-replay-expansions</a>	Super visor	Replay recent fs-expansions after restoring from a stale Cod backup
<a href="#">filesystem-reveal</a>	Super visor	Reveal a filesystem -- undo 'filesystem-hide'
<a href="#">filesystem-set-cap-warn-thresh</a>	Super visor	Set the percentage of the auto-expansion potential at which auto-expansion causes a warning event
<a href="#">filesystem-show-maximum-capacity</a>	Super visor	Find the maximum capacity to which a filesystem could be expanded
<a href="#">filesystem-show-wiping-progress</a>	Super visor	Show the progress of a wiping operation started by filesystem-wipe-data
<a href="#">filesystem-space-tracking</a>	Super visor	Enable or disable filesystem space tracking
<a href="#">filesystem-stop-wiping</a>	Super visor	Stop a wiping operation started by filesystem-wipe-data
<a href="#">filesystem-syslock</a>	Super visor	Set a filesystem into syslocked mode: read-only for protocols, read/write for NDMP
<a href="#">filesystem-sysunlock</a>	Super visor	Take a filesystem out of syslocked mode: make it read-write for protocols
<a href="#">filesystem-thin</a>	Super visor	Enable, disable or view thin provisioning for a filesystem
<a href="#">filesystem-translate-offset</a>	Super visor	Translate a filesystem offset into other formats
<a href="#">filesystem-update-</a>	Super	Refresh Span Manager's copy of several FS characteristics for an

<a href="#">fs-analyze-data-usage</a>	Super visor	Report on the type of data space is used for on a given file system
<a href="#">fs-browse-snapshots</a>	Super visor	Get/Set snapshot directory browsing configuration
<a href="#">fs-cancel-queued-task</a>	Super visor	Cancel a scheduled task that has not yet started
<a href="#">fs-checkpoint-health</a>	Super visor	Perform a health check on critical structures for recent checkpoints of the file system, or abort an existing check
<a href="#">fs-checkpoint-list</a>	Super visor	Lists checkpoints available to fs-checkpoint-select
<a href="#">fs-checkpoint-select</a>	Super visor	Force the selection of a specific checkpoint of a file system
<a href="#">fs-dacl-mode</a>	Super visor	Configures how the file system modifies a DACL when an NFS client applies a Unix mode or ownership change to a file/directory that has a security descriptor
<a href="#">fs-email</a>	User	File system contact list management (outside a virtual volume)
<a href="#">fs-email-format</a>	User	File system/virtual volume email format management
<a href="#">fs-error-log</a>	Super visor	Displays the file system error log
<a href="#">fs-free-space-measure-fragmentation</a>	Super visor	Gauge the degree of fragmentation of the remaining free space on a given file system
<a href="#">fs-perf-stats</a>	User	Report average file system performance statistics
<a href="#">fs-quarantine-add</a>	Super visor	Add an object to quarantine
<a href="#">fs-quarantine-list</a>	Super visor	Display a list of all quarantined objects for each file system
<a href="#">fs-quarantine-release</a>	Super visor	Release one or more objects from file system quarantine
<a href="#">fs-read-balancer</a>	Super visor	Balances a file system's utilization of the SD groups in the underlying span
<a href="#">fs-recover-space</a>	Super visor	Quickly recovers space scheduled to be freed
<a href="#">fs-reset-fixfs-resumption-point</a>	Super visor	Resets the point where fixfs should startchecking the filesystem back to the beginning.
<a href="#">fs-resiliency-level</a>	Super visor	Sets a file system's resiliency level.

<a href="#">fsm</a>	Super visor	Run command on other board
<a href="#">ftp-cfg</a>	Super visor	Show/modify FTP general configuration
<a href="#">ftp-log</a>	Super visor	Show/modify ftp audit logging configuration
<a href="#">ftp-stats</a>	User	Report/reset FTP statistics
<a href="#">ftp-user</a>	Super visor	Report, create, delete & modify FTP user
<a href="#">getdiagnostic</a>	Super visor	Copy diagnostic file to local file
<a href="#">getmacid</a>	Any	Report the MAC ID
<a href="#">give-domain-administrators-local-administrator-rights</a>	Super visor	Add all domain administrators to the local administrators group
<a href="#">global-id-cache-dump</a>	Super visor	Dump current state of Global Id change cache
<a href="#">global-id-cache-query-export</a>	Super visor	List changes in nfs export cache since <counter>
<a href="#">global-id-cache-query-group-mappings</a>	Super visor	List changes in group mappings cache since <counter>
<a href="#">global-id-cache-query-quota</a>	Super visor	List changes in quotas cache since <counter>
<a href="#">global-id-cache-query-share</a>	Super visor	List changes in CIFS share cache since <counter>
<a href="#">global-id-cache-query-user-mappings</a>	Super visor	List changes in user mappings cache since <counter>
<a href="#">global-id-counter-dump</a>	Super visor	Dump current state of Global Id change counters
<a href="#">global-id-map-dump</a>	Super visor	Dump current state of Global Id lists
<a href="#">global-symlink-add</a>	Super visor	Add a global symlink definition
<a href="#">global-symlink-del</a>	Super visor	Remove a global symlink definition
<a href="#">global-symlink-delall</a>	Super	Remove all global symlink definitions

<a href="#">gss-token-cache-info</a>	Super visor	Report count of entries in GSS token cache (for DDNS)
<a href="#">handle-to-path</a>	Super visor	Dumps the path of an object given its handle
<a href="#">hard-links</a>	Super visor	Displays info about a file's hard links
<a href="#">heap-density</a>	Super visor	Plot heap allocation density by address
<a href="#">heap-info</a>	Super visor	Display heap info
<a href="#">heap-size</a>	Super visor	Display heap size
<a href="#">heap-vptr</a>	Super visor	Analyze heap usage
<a href="#">help</a>	Any	Show command help
<a href="#">history</a>	Super visor	View the command history for this console
<a href="#">home-directory-perf</a>	Super visor	Display Home Directory performance statistics
<a href="#">home-directory-stats</a>	Super visor	Display basic home directory statistics
<a href="#">host</a>	User	Host lookup
<a href="#">hport-wwn</a>	Super visor	Show the FC node WWN of the server and the WWN of each server port
<a href="#">hwdb</a>	Super visor	Show hardware database
<a href="#">i2c-dump</a>	Super visor	Dump I2C devices
<a href="#">i2c-log-show</a>	Super visor	Dump I2C event log
<a href="#">ibstats</a>	Super visor	Dump interboard serial information
<a href="#">icc-stats</a>	User	Show ICC packet driver statistics
<a href="#">icc-test</a>	Super visor	Loopback test for ICC ports
<a href="#">icmpstats</a>	User	Report/reset ICMP statistics

<a href="#">ipadv</a>	Super visor	Report/set advanced IP configuration
<a href="#">ipeng</a>	Super visor	Report/set engineering IP configuration
<a href="#">irdp</a>	Super visor	Configure/Display ICMP Router Discovery
<a href="#">iscsi-domain</a>	User	Used to set the iSCSI domain. See syntax for more information
<a href="#">iscsi-errors</a>	Super visor	Report iSCSI protocol errors
<a href="#">iscsi-initiator</a>	User	Manage iSCSI initiators
<a href="#">iscsi-lu</a>	User	Manages iSCSI Logical Units
<a href="#">iscsi-params</a>	User	Manages iSCSI configurable parameters
<a href="#">iscsi-stats</a>	User	Report iSCSI statistics
<a href="#">iscsi-target</a>	User	Manages iSCSI targets
<a href="#">isns</a>	User	Manages iSNS servers
<a href="#">jetapi-perf</a>	Super visor	Display JetAPI performance statistics performance statistics
<a href="#">jetapi-stats</a>	Super visor	Display JetAPI statistics
<a href="#">kill-snapshots</a>	Super visor	Removes all traces of snapshots from a file system
<a href="#">krb5-kdc-transport</a>	Super visor	Get/Set gss/krb5 KDC transport protocol
<a href="#">krb5-keytab</a>	Super visor	Manage Kerberos keytab
<a href="#">krb5-realm</a>	Super visor	Get/Set Kerberos realm
<a href="#">lACP</a>	Super visor	Display LACP interface diagnostics
<a href="#">last-few-packets</a>	Super visor	Display details on the last few packets received
<a href="#">ldap-schema</a>	Super visor	Displays or changes LDAP client schema support.
<a href="#">ldap-search-config</a>	Super visor	Display / update LDAP search configuration settings

<a href="#">licensekey</a>	User	Manipulate software license keys
<a href="#">limits</a>	User	Report network reassembly limits
<a href="#">ln</a>	Super visor	Create a link to file system object
<a href="#">local-group-disable-saving</a>	Super visor	Disables automatic saving of the local group table
<a href="#">local-group-save</a>	Super visor	Saves the local group table
<a href="#">local-password-delete</a>	Super visor	Removes any local authentication for the given user
<a href="#">local-password-delete-all</a>	Super visor	Removes all local authentication
<a href="#">local-password-list</a>	Super visor	Lists all users with local authentication configured
<a href="#">local-password-set</a>	Super visor	Sets up local authentication for the given user
<a href="#">localgroup</a>	User	Manage members of local groups
<a href="#">localnetgroup</a>	Super visor	Add/remove local netgroup membership
<a href="#">location-info</a>	User	Report/configure server location information
<a href="#">lockd-client</a>	Super visor	Indicates whether the specified client may have NLM state and allows state to be removed
<a href="#">lockd-perf</a>	Super visor	Display lockd(NLM) performance statistics
<a href="#">lockd-state</a>	Super visor	Displays information on NLM locks for the specified file
<a href="#">lockd-sync-grant</a>	Super visor	Enables/disables using synchronous lockd GRANT requests.
<a href="#">login</a>	Any	Login to console
<a href="#">logout</a>	Any	Logout from the console
<a href="#">logtrace</a>	Super visor	Manage LogTrace objects
<a href="#">ls</a>	Super visor	Lists directory entries
<a href="#">lstat</a>	Super visor	Displays file information, doesn't follow symlinks

<a href="#">mfb-asserts</a>	Super visor	Displays information about asserts from the mfb Alteras
<a href="#">mfb-load</a>	Super visor	Show load information for the MFB1 module
<a href="#">mgmnt-log-show</a>	Super visor	Dump management log
<a href="#">migration-add-external-path</a>	Super visor	Adds an external migration path for the specified vivol/volume.
<a href="#">migration-add-path</a>	Super visor	Adds a migration path for the specified vivol/volume.
<a href="#">migration-change-external-path</a>	Super visor	Modifies a target of the external migration path for the specified vivol/volume.
<a href="#">migration-delete-external-path</a>	Super visor	Deletes the specified target from an external migration path.
<a href="#">migration-delete-path</a>	Super visor	Deletes the specified migration path if it is inactive.
<a href="#">migration-expand-external-path</a>	Super visor	Adds new targets to an external migration path.
<a href="#">migration-expand-path</a>	Super visor	Adds new target file systems to a multi-target migration path.
<a href="#">migration-get-dependencies</a>	Super visor	Gets cross file system link dependencies for either source or target file system
<a href="#">migration-get-ids</a>	Super visor	Gets hexadecimal ids or names of a file system and optionally a vivol.
<a href="#">migration-get-path</a>	Super visor	Displays the migration destination for the specified vivol/file system.
<a href="#">migration-list-ctrl-dir-requests</a>	Super visor	lists all request files contained in the control directory of the specified migration path
<a href="#">migration-list-paths</a>	Super visor	Lists all data migration destinations for a file system.
<a href="#">migration-recreate-links-mode</a>	Super visor	Configures the recreation mode for migrated files
<a href="#">migration-set-ctrl-dir</a>	Super visor	Sets a control directory for a migration path
<a href="#">migration-update-paths</a>	Super visor	Checks if paths for this file system are active and updates status.
<a href="#">mfb-diag</a>	Super	Creates diagnostic

<a href="#">nail</a>	Super visor	Send mail with attachment
<a href="#">nameservice-host</a>	User	Name service host lookup
<a href="#">namespace-create</a>	Super visor	Creates a cluster or EVS name space
<a href="#">namespace-delete</a>	Super visor	Removes a cluster or EVS name space
<a href="#">namespace-list</a>	Super visor	Displays the name of the configured name space and, optionally, its links
<a href="#">namespace-ls</a>	Super visor	Displays the contents of a cluster or EVS name space
<a href="#">namespace-mkdir</a>	Super visor	Creates a directory within a cluster or EVS name space
<a href="#">namespace-mklink</a>	Super visor	Creates a link to a file system within a cluster or EVS name space
<a href="#">namespace-modlink</a>	Super visor	Modifies the options for a link within a cluster name space
<a href="#">namespace-mv</a>	Super visor	Renames an object within a cluster or EVS name space
<a href="#">namespace-rm</a>	Super visor	Removes an object within a cluster or EVS name space
<a href="#">namespace-showlink</a>	Super visor	Displays the options for a link within a cluster name space
<a href="#">nat-mapping-clear</a>	Super visor	Delete all the NAT mappings
<a href="#">nat-mapping-list</a>	Super visor	Display the NAT mappings
<a href="#">ndmp-clear-history</a>	Super visor	Clear NDMP history information
<a href="#">ndmp-device- assigned-name-delete</a>	Super visor	Delete a name assigned to an NDMP device
<a href="#">ndmp-device- assigned-name-list</a>	Super visor	List names assigned to NDMP devices
<a href="#">ndmp-device- assigned-name-set</a>	Super visor	Assign a name to an NDMP device
<a href="#">ndmp-device-release</a>	Super visor	Release the specified NDMP device

<a href="#">ndmp-fc-device-number-set</a>	Super visor	Assign a number to Fibre Channel Device used by NDMP
<a href="#">ndmp-history</a>	Super visor	List history of backups
<a href="#">ndmp-management-ports-display</a>	Super visor	Display NDMP management relay ports
<a href="#">ndmp-management-ports-set</a>	Super visor	Set NDMP management relay ports
<a href="#">ndmp-management-ports-unset</a>	Super visor	Unset NDMP management relay ports
<a href="#">ndmp-option</a>	Super visor	Set or show an NDMP option value
<a href="#">ndmp-pool-limits</a>	Super visor	Set or display NDMP process pool limits
<a href="#">ndmp-ruser</a>	Super visor	Display/modify NDMP/adc restricted users
<a href="#">ndmp-ruser-pwd</a>	User	Change NDMP/adc restricted user password
<a href="#">ndmp-session-kill</a>	Super visor	Kill the NDMP session - any current operation will fail
<a href="#">ndmp-session-list</a>	Super visor	List active NDMP sessions
<a href="#">ndmp-session-stats</a>	Super visor	Display performance stats for the current transfer of the NDMP session
<a href="#">ndmp-session-trace</a>	Super visor	Dump the set of currently enabled traces or the trace for the specified session
<a href="#">ndmp-session-trace-add</a>	Super visor	Start per-session tracing for the specified NDMP subsystem
<a href="#">ndmp-session-trace-remove</a>	Super visor	Stop per-session tracing for the specified NDMP subsystem
<a href="#">ndmp-snapshot-options</a>	Super visor	Display and/or set NDMP snapshot options
<a href="#">ndmp-source-stats</a>	Super visor	Show NDMP source stats for this node
<a href="#">ndmp-status</a>	User	Display or change NDMP status
<a href="#">ndmp-target-stats</a>	Super visor	Show NDMP target stats for this node

<a href="#">nfs-export-dump</a>	Super visor	Show NFS exports and/or mounts
<a href="#">nfs-hostname</a>	Super visor	Get/Set NFS server's hostname
<a href="#">nfs-max-supported-version</a>	Super visor	Set maximum supported version of NFS protocol
<a href="#">nfs-mnt-tab</a>	Super visor	Report or remove NFS mount records
<a href="#">nfs-perf</a>	Super visor	Display NFS performance statistics
<a href="#">nfs-stats</a>	User	Report or reset NFS statistics
<a href="#">nfsv3-rsize-get</a>	Super visor	Display the maximum number of bytes per NFSv3 READ request the client can receive.
<a href="#">nfsv3-rsize-set</a>	Super visor	Set the maximum number of bytes per NFSv3 READ request the client can receive.
<a href="#">nfsv3-wsize-get</a>	Super visor	Display the maximum number of bytes per NFSv3 WRITE request the client can send.
<a href="#">nfsv3-wsize-set</a>	Super visor	Set the maximum number of bytes per NFSv3 WRITE request the client can send.
<a href="#">nfsv4-compound</a>	Super visor	Display NFSv4 COMPOUND sub-command combinations
<a href="#">nfsv4-pseudofs-ls</a>	Super visor	Displays the contents of the NFSv4 pseudo file system
<a href="#">nfsv4-pseudofs-rm</a>	Super visor	Removes an object within the NFSv4 pseudo file system
<a href="#">nfsv4-public-filehandle</a>	Super visor	nfsv4 public filehandle
<a href="#">nif-bindings</a>	Super visor	Display interface bindings
<a href="#">nim</a>	Super visor	Run command on other board
<a href="#">nim-cifs-bytes-transferred</a>	Super visor	Show nim cifs bytes transferred performance statistics
<a href="#">nim-cifs-perf</a>	Super visor	Show nim cifs perf performance statistics
<a href="#">nim-hw-tx-destination-ip</a>	Super visor	display the TX DEST IP ADDRESS table

<a href="#">nim-tcp-connection-tcpn</a>	Super visor	display the TCP per-connection TCPAN table
<a href="#">nim-tcp-tcpn</a>	Super visor	display the TCP TCPAN table
<a href="#">nim-tx-destination-address-logger</a>	Super visor	Display Discovery log
<a href="#">nim-tx-destination-address-table</a>	Super visor	Dump Discovery
<a href="#">nim-vlsi-diags-dump</a>	Super visor	Dump NIM/NI VLSI Diagnostics
<a href="#">nis-broadcast-mode</a>	Super visor	Configure NIS to use broadcast mode or not
<a href="#">nis-cache-flush</a>	Super visor	Flushes the NIS client cache
<a href="#">nis-cache-list</a>	Super visor	Lists the NIS client cache contents
<a href="#">nis-gid-number-from-group-name</a>	Super visor	test nisclient::api::GidFromGroup
<a href="#">nis-group-name-from-gid-number</a>	Super visor	test nisclient::api::GroupFromGid
<a href="#">nis-host-from-addr</a>	Super visor	test nisclient::api::HostFromAddr
<a href="#">nis-host-from-name</a>	Super visor	test nisclient::api::HostRecordFromName
<a href="#">nis-is-host-in-netgroup</a>	Super visor	test nisclient::api::IsHostInNetgroup
<a href="#">nis-ldap-mode</a>	Super visor	Display / update common NIS/LDAP mode info
<a href="#">nis-ldap-version</a>	Super visor	Displays or changes server's LDAP client protocol version.
<a href="#">nis-netgroups-for-host</a>	Super visor	test nisclient::api::GetNetgroupsForHost
<a href="#">nis-rebind</a>	Super visor	Cause the NIS client to rebind to a server
<a href="#">nis-server</a>	Super visor	Configure NIS servers
<a href="#">nis-set</a>	Super	Configure the NIS client settings

<a href="#">ntp-restart</a>	Super visor	restarts ntp
<a href="#">ntppeer</a>	User	display NTP peer information
<a href="#">nvlocate</a>	Super visor	Reports the cluster nodes that have NVRAM for the specified file system.
<a href="#">nvmirroring</a>	User	Queries the state of NVRAM mirroring
<a href="#">nvpages</a>	User	List/free NVRAM pages reserved for file systems
<a href="#">nvstats</a>	Super visor	Print statistics relating to NVRAM usage
<a href="#">obj-read</a>	Super visor	Reads data from an object using OBJ_READ
<a href="#">obj-stat</a>	Super visor	Shows information about a given OBJ_STORE object
<a href="#">object-number-to-path</a>	Super visor	Dumps the path(s) of a given object
<a href="#">onode</a>	Super visor	Decodes an onode dumping the result to the console
<a href="#">open-file-state</a>	Super visor	Displays the open state of a file
<a href="#">oplog</a>	Super visor	Displays summary information of the last few inquiries & responses.
<a href="#">oplog-ctrl</a>	Super visor	Controls VLSI logging of last few inquiries & responses.
<a href="#">ops</a>	User	Show average number of OPS per second
<a href="#">overallstatus</a>	User	Report overall system status
<a href="#">package-check-compatibility</a>	Super visor	Check whether two package versions can run in the same cluster
<a href="#">package-diagnose</a>	Super visor	Try and diagnose why a package install failed
<a href="#">package-get-status</a>	Super visor	Get status of a package
<a href="#">package-get-version</a>	Super visor	Get version of a package
<a href="#">package-install</a>	Super visor	Install a package

<a href="#">path-to-object-number</a>	Super visor	Attempt to resolve an object number from a path
<a href="#">perf</a>	User	Show performance stats
<a href="#">performance-info-report</a>	Super visor	Run a performance info report (PIR)
<a href="#">phy-link-state</a>	User	Display PHY characteristics
<a href="#">ping</a>	User	Ping remote system
<a href="#">pir-cancel</a>	Super visor	Cancel a performance info report (PIR)
<a href="#">pir-status</a>	Super visor	Query the status of a performance info report (PIR)
<a href="#">pir-stop-and-send</a>	Super visor	Finish a performance info report (PIR) early
<a href="#">poolstats</a>	Super visor	Display pool statistics
<a href="#">posix-chown-restricted</a>	Super visor	Turns <code>_POSIX_CHOWN_RESTRICTED</code> on and off
<a href="#">post-status</a>	Super visor	Report whether the Power On Self Test (POST) failed. Show its output if it did.
<a href="#">prefix</a>	Super visor	Runs a command prefixing each line of output with the supplied string
<a href="#">primary-group-delete</a>	Super visor	Delete a user-to-primary group mapping
<a href="#">primary-group-delete-all</a>	Super visor	Delete all user-to-primary group mappings
<a href="#">primary-group-disable-saving</a>	Super visor	Disables automatic saving of the user-to-primary group table
<a href="#">primary-group-list</a>	User	List the user-to-primary group table
<a href="#">primary-group-save</a>	Super visor	Saves the user-to-primary group table
<a href="#">primary-group-set</a>	Super visor	Set a user's primary group
<a href="#">profile</a>	Super visor	Profiles then dumps results
<a href="#">profile-clear</a>	Super visor	Clears profiling results

<a href="#">purge-mount-records</a>	Super visor	Purge all MOUNT records
<a href="#">pwd</a>	Super visor	Print the current working directory
<a href="#">query</a>	User	Queries the specified file system
<a href="#">quorumd</a>	Super visor	Add, remove and show the quorum device for a cluster
<a href="#">quota</a>	User	Add/remove/list quotas
<a href="#">quota-event</a>	Super visor	Enable/disable adding quota events to the event log
<a href="#">read-ahead</a>	Super visor	Set read ahead
<a href="#">read-cache-settings</a>	Super visor	Get/Set the read caching parameters
<a href="#">read-cache-stats</a>	User	Displays the read cache statistics for the current cluster node
<a href="#">reboot</a>	Super visor	Reboot the server or cluster
<a href="#">remote-cvl-http-errors</a>	Super visor	Report remote CVL HTTP protocol errors
<a href="#">remote-cvl-nfs-errors</a>	Super visor	Report remote CVL NFS protocol errors
<a href="#">remote-http-errors</a>	Super visor	Report remote HTTP protocol errors
<a href="#">remote-http-options</a>	Super visor	Configure options for the external migration HTTP client
<a href="#">remote-mount-errors</a>	Super visor	Report remote mount protocol errors
<a href="#">remote-nfs-errors</a>	Super visor	Report remote NFS protocol errors
<a href="#">remote-nfs-exports</a>	Super visor	Get a list of exports from the named NFS server, like "showmount -e server"
<a href="#">remote-server-cache-list</a>	Super visor	List the remote server cache
<a href="#">replication-abort</a>	Super visor	Abort an object replication
<a href="#">replication-delete-</a>	Super	Deletes the replication record (Use only on instruction from your

<a href="#">replication-policy-delete</a>	Super visor	Delete an object replication policy
<a href="#">replication-policy-list</a>	Super visor	List the object replication policies
<a href="#">replication-policy-modify</a>	Super visor	Modify an object replication policy
<a href="#">replication-recovery-default-transfer-setting-get</a>	Super visor	Get the per file system default access point transfer disaster recovery setting.
<a href="#">replication-recovery-default-transfer-setting-set</a>	Super visor	Set the per file system default access point transfer disaster recovery setting.
<a href="#">replication-recovery-local-config-update</a>	Super visor	Updates the local configuration of a file system
<a href="#">replication-recovery-logging-policy-set</a>	Super visor	Get/Set the logging policy for replication recovery tasks
<a href="#">replication-recovery-task-cancel</a>	Super visor	Cancel replication recovery tasks
<a href="#">replication-recovery-task-list</a>	Super visor	Display a replication recovery task's summary
<a href="#">replication-recovery-task-log-delete</a>	Super visor	Delete a recovery task's log and summary
<a href="#">replication-recovery-task-log-get</a>	Super visor	Display a recovery task's log
<a href="#">replication-recovery-task-submit</a>	Super visor	Submit a replication recovery task for a file system
<a href="#">replication-schedule-create</a>	Super visor	Create an object replication schedule
<a href="#">replication-schedule-delete</a>	Super visor	Delete an object replication schedule
<a href="#">replication-schedule-list</a>	Super visor	List the object replication schedules
<a href="#">replication-schedule-modify</a>	Super visor	Modify an object replication schedule
<a href="#">replication-show-active</a>	Super visor	Show active object replications
<a href="#">replication-source-perf</a>	Super visor	Show object replication source performance measures

<a href="#">route</a>	User	Display/Configure Route Table
<a href="#">route-list</a>	User	Display standard route registry configuration
<a href="#">rpc-config</a>	Super visor	Configure RPC
<a href="#">rpc-errors</a>	Super visor	Report RPC protocol errors
<a href="#">rpc-gss-errors</a>	Super visor	Report RPC GSS protocol errors
<a href="#">rpcport</a>	User	List/modify the port numbers associated with RPC services.
<a href="#">rquota</a>	Super visor	Queries/modifies the rquota protocol settings
<a href="#">run</a>	Super visor	Run command(s) and send the output to email recipient(s)
<a href="#">run-level</a>	Super visor	Show system run level
<a href="#">scsi-cap10</a>	Super visor	Send a SCSI Capacity10 command to the target device
<a href="#">scsi-cap16</a>	Super visor	Send a SCSI Capacity16 command to the target device
<a href="#">scsi-devices</a>	Super visor	Display information about SCSI devices
<a href="#">scsi-devidinq</a>	Super visor	Send a SCSI Device ID Page Inquiry command to the target device
<a href="#">scsi-disks</a>	Super visor	Display information about SCSI disk devices
<a href="#">scsi-dslog</a>	Super visor	dump/clear the SCSI device status logs
<a href="#">scsi-fpga-log</a>	Super visor	dump/clear FPGA log
<a href="#">scsi-ignore-redundancy-check</a>	Super visor	Suppress loss of redundancy warning alerts for the offline SCSI port
<a href="#">scsi-inq</a>	Super visor	Send a SCSI inquiry command to the target device
<a href="#">scsi-io-errors</a>	Super visor	Display error stats for SCSI ports & devices
<a href="#">scsi-log</a>	Super	dump/clear SCSI logs

<a href="#">scsi-queue-limits-show</a>	Super visor	Show all SCSI queue limits
<a href="#">scsi-racks</a>	Super visor	Display the storage racks connected to the server
<a href="#">scsi-refresh</a>	Super visor	Force a refresh of SCSI state
<a href="#">scsi-rep-port-groups</a>	Super visor	Send a SCSI Report Target Port Groups command to the target device
<a href="#">scsi-repluns</a>	Super visor	Send a SCSI Report LUNs command to the target device
<a href="#">scsi-tapes</a>	Super visor	Display information about SCSI tape devices
<a href="#">scsi-tur</a>	Super visor	Send a SCSI Test Unit Ready command to the target device
<a href="#">scsi-usninq</a>	Super visor	Send a SCSI Universal Serial Number Inquiry command to the target device
<a href="#">scsi-vpdinq</a>	Super visor	Send a SCSI Vital Product Data Inquiry command to the target device
<a href="#">sd-allow-access</a>	Super visor	License (allow access to) one or more system drives
<a href="#">sd-back-up-cod</a>	Super visor	Read a single system drive's span and filesystem config into a file
<a href="#">sd-deny-access</a>	Super visor	Unlicense (deny access to) one or more system drives
<a href="#">sd-dump-block</a>	Super visor	Read and hexdump one block from a system drive
<a href="#">sd-dump-cod</a>	Super visor	Show the span and filesystem config on a system drive
<a href="#">sd-dump-encroachment-area</a>	Super visor	Dump one or more SDs' encroachment areas to the console
<a href="#">sd-dump-engraving</a>	Super visor	Hexdump the engraving on one or more system drives
<a href="#">sd-dump-unloadable-cod</a>	Super visor	Show all unloadable span and filesystem Cod on all system drives
<a href="#">sd-expedite-encroachment-check</a>	Super visor	Bring forward the next check of encroachment areas of healthy SDs used in spans
<a href="#">sd-expedite-</a>	Super	Bring forward the next check of engraving on healthy SDs used

<a href="#">sd-group-remove</a>	Super visor	Remove system drives from groups
<a href="#">sd-identify-encroachment</a>	Super visor	Try to determine which operating system encroached on one or more system drives
<a href="#">sd-is-copy-running</a>	Super visor	Display details of any SD-copy operation running on this cluster node
<a href="#">sd-list</a>	Super visor	List system drives
<a href="#">sd-list-changed-luids</a>	Super visor	See whether any licensed, healthy system drives' Luids have changed
<a href="#">sd-list-queues</a>	Super visor	Print SD queues
<a href="#">sd-luids-list</a>	Super visor	Produce a table of SD device IDs and Luids
<a href="#">sd-metadata</a>	Super visor	List SDs' encroachment, engraving and Cod
<a href="#">sd-mirror</a>	Super visor	Tell the server that a Raid mirror has been created or will be destroyed
<a href="#">sd-mirror-detect</a>	Super visor	Detect, list and configure Raid mirror relationships
<a href="#">sd-mirror-prepare</a>	Super visor	Prepare to detect and then list or configure Raid mirror relationships
<a href="#">sd-object-dump</a>	Super visor	List one or all SDs
<a href="#">sd-peg</a>	Super visor	Force the server to assume mirror roles for system drives
<a href="#">sd-recover-from-changed-luids</a>	Super visor	Try to salvage spans after system drives' Luids change
<a href="#">sd-rescan-cod</a>	Super visor	Request a scan for span configs on all healthy system drives
<a href="#">sd-restore-cod</a>	Super visor	Write saved span config back to a single system drive
<a href="#">sd-restore-cod-signature</a>	Super visor	Restore a Cod signature previously wiped by sd-wipe-cod-signature
<a href="#">sd-set</a>	Super visor	Set a system drive's width, stripesize and/or comment
<a href="#">sd-scan-cod</a>	Super visor	Request a scan for span configs on all healthy system drives

<a href="#">selectfs</a>	Super visor	Select/display the file system for this console
<a href="#">send-quota-report</a>	Super visor	Send a quota details report now
<a href="#">service-running</a>	Super visor	Display service status
<a href="#">serviceconfig</a>	Super visor	Configure or show services allowed
<a href="#">set</a>	Super visor	Sets a variable (or lists them)
<a href="#">setdate</a>	User	Display/set system date
<a href="#">setnis</a>	User	Configure NIS support.
<a href="#">settime</a>	User	Display/set system time (24 hour format)
<a href="#">sfps</a>	Super visor	Dump SFP devices
<a href="#">shortname</a>	Super visor	Enable/disable DOS short name generation
<a href="#">show-exchange-history</a>	Super visor	Display RIS activity log
<a href="#">show-stats</a>	Super visor	Shows statistics whose names contain the optional substring
<a href="#">show-superflush-potential</a>	Super visor	Estimate the number of superflushable and other writes on a filesystem
<a href="#">shutdown</a>	Super visor	Shutdown the server or cluster
<a href="#">si-superflush-statistics</a>	Super visor	Display superflush statistics
<a href="#">sib-show-lock-owners</a>	Super visor	Display users of Span Manager, ID Manager and SCSI locks
<a href="#">sim</a>	Super visor	Run command on other board
<a href="#">sim-poller</a>	Super visor	check the contents of the poller
<a href="#">sim-show-worker-tasks</a>	Super visor	Display a list of dispatch manager running worker tasks
<a href="#">sim-worker-threads</a>	Super	Display load history of dispatch manager

<a href="#">smu-service-restart</a>	Super visor	Restart the SMU service
<a href="#">smu-service-status</a>	Super visor	Report the SMU service status.
<a href="#">snapshot</a>	User	Snapshot management (deprecated, please see man page)
<a href="#">snapshot-create</a>	Super visor	Create a snapshot with the supplied name, or by invoking a rule.
<a href="#">snapshot-delete</a>	Super visor	Delete the named snapshot, or all the snapshots associated with a rule.
<a href="#">snapshot-delete-all</a>	Super visor	Delete all snapshots on a file system.
<a href="#">snapshot-deleter-queue</a>	User	Show work on the deleter queue
<a href="#">snapshot-list</a>	User	Display details of a file system's snapshots, or those snapshots associated with a rule.
<a href="#">snapshot-recover-file</a>	Super visor	Recover a deleted file from a snapshot.
<a href="#">snapshot-recover-fs</a>	Super visor	Recover a file system from a snapshot.
<a href="#">snapshot-rename</a>	Super visor	Rename a manually created snapshot.
<a href="#">snapshot-rollback-file</a>	Super visor	Roll back a file to its state in a snapshot.
<a href="#">snapshot-rule-create</a>	Super visor	Create a snapshot rule.
<a href="#">snapshot-rule-delete</a>	Super visor	Delete a snapshot rule and associated snapshots/schedules.
<a href="#">snapshot-rule-list</a>	User	Display details of the snapshot rules.
<a href="#">snapshot-rule-modify</a>	Super visor	Modify a snapshot rule.
<a href="#">snmpauth</a>	User	Manipulate authentic SNMP communities
<a href="#">snmphosts</a>	User	Manipulate authentic SNMP hosts
<a href="#">snmpprot</a>	Super visor	Report/configure SNMP Agent Protocol Usage
<a href="#">snmpstats</a>	User	Report or reset SNMP statistics

<a href="#">span-create</a>	Super visor	Create a span of up to 32 system drives
<a href="#">span-delete</a>	Super visor	Delete a span
<a href="#">span-delete-all-filesystems</a>	Super visor	Delete all filesystems on a span whose filesystem catalogue or chunk table is unloadable
<a href="#">span-deny-access</a>	Super visor	Unload a span from memory; deny access to all its host system drives
<a href="#">span-dump</a>	Super visor	Dump full details of one or all spans
<a href="#">span-dump-cod</a>	Super visor	Dump one or all currently loaded spans in the same format as 'sd-dump-cod'
<a href="#">span-expand</a>	Super visor	Add a new stripeset of up to 32 system drives to an existing span
<a href="#">span-hide</a>	Super visor	Hide a span's filesystems to prevent unwanted I/O
<a href="#">span-list</a>	Super visor	List one or all spans
<a href="#">span-list-chunks</a>	Super visor	List all chunks in a span or a filesystem
<a href="#">span-list-cluster-uuids</a>	Super visor	List the clusters that can mount a span's filesystems and administer the span
<a href="#">span-list-filesystem-cod</a>	Super visor	Summarize the filesystem Cod on all system drives in a span
<a href="#">span-load-filesystem-cod</a>	Super visor	Load fs Cod from one SD into a span; ignore other SDs' fs Cod, or lack of it
<a href="#">span-mirror-health</a>	Super visor	Show health, licensing and pegging of one or all spans' system drives
<a href="#">span-object-dump</a>	Super visor	Dump all loaded spans to the console
<a href="#">span-object-list</a>	Super visor	List all span and filesystem IDs and names
<a href="#">span-prepare-for-resync</a>	Super visor	Prepare the span before an intermittent Raid mirror is remade
<a href="#">span-propagate-filesystem-cod</a>	Super visor	Copy the filesystem Cod from an SD to all others in the same span
<a href="#">span-release</a>	Super	Allows the expansion of all specified filesystems on a span

<a href="#">span-show-lock-owner</a>	Super visor	Display users of Span Manager locks
<a href="#">span-translate-offset</a>	Super visor	Translate span and offset into the same offset in other formats
<a href="#">span-wait-for-loading</a>	Super visor	Wait for all spans that are currently loading to finish loading
<a href="#">ssb</a>	Super visor	Dumps the SSB
<a href="#">sscat</a>	Super visor	Cat file
<a href="#">sscp</a>	Super visor	Copy file
<a href="#">ssdiff</a>	Super visor	Compare two files
<a href="#">ssget</a>	Super visor	Get file
<a href="#">ssh-register-public-key</a>	Super visor	Add SSH public key for user
<a href="#">ssh-show-public-keys</a>	Super visor	Show all stored SSH public keys
<a href="#">ssh-show-registered-users</a>	Super visor	Show all registered SSH users
<a href="#">ssh-unregister-all-public-keys</a>	Super visor	Delete all stored SSH public keys
<a href="#">ssh-unregister-public-key</a>	Super visor	Delete a stored SSH public key
<a href="#">ssl-get-csr</a>	Super visor	Get the SSL certificate signing request for current certificate and display it
<a href="#">sslcert</a>	Super visor	show/put/get/remove ssl certificate
<a href="#">ssls</a>	Super visor	List flash directory contents
<a href="#">ssmk</a>	Super visor	Create file from console input
<a href="#">ssmv</a>	Super visor	Rename ssfs file
<a href="#">ssmt</a>	Super visor	Put file

<a href="#">status</a>	User	Report server status
<a href="#">stop-logging-stats</a>	Super visor	Stops logging statistics whose names contain the optional string
<a href="#">stripeset-chunk- translate-offset</a>	Super visor	Translate stripeset, chunk no and offset to the same offset in other formats
<a href="#">stripeset-translate- offset</a>	Super visor	Translate stripeset and offset to the same offset in other formats
<a href="#">supportuser</a>	Super visor	Formerly used to elevate user level
<a href="#">tcp-per-connection- statistics-cancel</a>	Super visor	Cancel per-connection TCP statistics gathering
<a href="#">tcp-per-connection- statistics-show</a>	Super visor	Display recently gathered per-connection TCP statistics
<a href="#">tcp-per-connection- statistics-start</a>	Super visor	Start per-connection TCP statistics gathering
<a href="#">tcp-per-connection- statistics-status</a>	Super visor	Display per-connection TCP statistics gathering status
<a href="#">tcp-per-connection- statistics-stop</a>	Super visor	Stop per-connection TCP statistics gathering and display results
<a href="#">tcpipperfstats</a>	User	Report TCP/IP connection information.
<a href="#">tcpstats</a>	User	Report/reset TCP statistics
<a href="#">test</a>	Super visor	test condition
<a href="#">test-route</a>	Super visor	tests the router
<a href="#">test-route-by-evs</a>	Super visor	tests the router
<a href="#">thread-association</a>	Super visor	List all thread associations, or dump a specified association
<a href="#">thread-list</a>	Super visor	Lists current threads
<a href="#">thread-stack-trace</a>	Super visor	Dump stack back trace(s)
<a href="#">time</a>	User	Run a command and summarize system resource usage.
<a href="#">touch</a>	Super visor	Change file time/owner information

<a href="#">true-sparse-files</a>	Super visor	Displays/Updates the state of true sparse file handling
<a href="#">ttcp</a>	Super visor	run ttcp client
<a href="#">tz-list</a>	User	List available timezones
<a href="#">tz-set</a>	Super visor	Set the system timezone
<a href="#">tz-show</a>	User	Display system timezone and daylight saving
<a href="#">udpstats</a>	User	Report/reset UDP statistics
<a href="#">umask-directory-set</a>	Super visor	Sets the umask for directory creation
<a href="#">umask-directory-show</a>	User	Displays the umask for directory creation
<a href="#">umask-file-set</a>	Super visor	Set the umask for file creation
<a href="#">umask-file-show</a>	User	Displays the umask for file creation
<a href="#">uname</a>	User	Print system information
<a href="#">unmount</a>	Super visor	Unmounts the specified file system
<a href="#">unselectfs</a>	Super visor	Un-select the currently selected filesystem
<a href="#">unset</a>	Super visor	Removes a variable
<a href="#">upgrade-history</a>	Super visor	Display software upgrade history
<a href="#">uptime</a>	User	Displays how long the system has been running
<a href="#">user</a>	Super visor	Manage management users
<a href="#">user-mappings-add</a>	Super visor	Creates a user mapping
<a href="#">user-mappings-commit</a>	Super visor	Commits changes to the user mappings table
<a href="#">user-mappings-delete</a>	Super visor	Deletes an existing user mapping
<a href="#">user-mappings-</a>	Super	Imports Unix name <--> id mappings from NIS

<a href="#">virusscan</a>	Super visor	Get/set virus scanning settings
<a href="#">virusscan-failures</a>	Super visor	Report virus scan failures
<a href="#">vlan</a>	Super visor	Configure/Display VLANs
<a href="#">vlsishowall</a>	Super visor	Run all commands in vlsishowall.txt
<a href="#">volumefaillimits</a>	Super visor	Sets the volume failure limit.
<a href="#">vss-account</a>	Super visor	Manage currently registered VSS provider accounts
<a href="#">vss-perf</a>	Super visor	Display Volume Shadow Copy Services (VSS) performance statistics
<a href="#">vss-rpc-log</a>	Super visor	Display or clear the log of VSS RPCs received by this pnode
<a href="#">wfs-async-errors</a>	Super visor	Report WFS asynchronous inquiry errors
<a href="#">wfs-errors</a>	Super visor	Report WFS inquiry errors
<a href="#">wfs-metadata-read-ahead</a>	Super visor	Control WFS metadata read-ahead settings
<a href="#">wfs-non-blocking-file-stats</a>	Super visor	Display statistics for wfs non blocking files
<a href="#">wfs-non-blocking-file-threshold</a>	Super visor	set threshold for non-blocking files
<a href="#">wfs-non-blocking-files</a>	Super visor	enable or disable non-blocking files for a file system
<a href="#">wfs-user-data-write-policy</a>	Super visor	Get/Set userdata write policy
<a href="#">who</a>	Super visor	Show who is currently logged in
<a href="#">whoami</a>	Any	Display name of user currently logged in
<a href="#">winsbinding</a>	Super visor	Configure WINS registration for a specific network interface
<a href="#">winsconfig</a>	User	Query/set WINS IP addresses

command added to a NAS server command using the command redirection pipe character (|). The filter command reads the NAS server command's output, performs post-processing on it, then writes the resulting output. Filter commands divide, rearrange, or extract portions of the information that passes through them, and are used to sort, view, and select parts of a NAS server command output.

<b>Filter</b>
<a href="#">devnull</a>
<a href="#">grep</a>
<a href="#">head</a>
<a href="#">hexdump</a>
<a href="#">less</a>
<a href="#">mail</a>
<a href="#">more</a>
<a href="#">nop</a>
<a href="#">sort</a>
<a href="#">sste</a>
<a href="#">tail</a>
<a href="#">treacle</a>
<a href="#">txt2html</a>
<a href="#">unzip</a>
<a href="#">wc</a>
<a href="#">zip</a>

Part: CLIRM-810-1