ONTAP® 9

Command Map for 7-Mode Administrators

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Contents

How 7-Mode commands map to clustered Data ONTAP commands

You can use the tables provided to find the clustered Data ONTAP equivalents of 7-Mode commands, with the exception of the `options` command.

The following tables list the clustered Data ONTAP equivalents of the 7-Mode `options` command. Information about understanding these tables is also provided.

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A

7-Mode command	Clustered Data ONTAP command
acpadmin configure	**system node run -node {*nodename*|local} acpadmin configure**
acpadmin list_all	**system node run -node {*nodename*|local} acpadmin list_all**
acpadmin stats	**system node run -node {*nodename*|local} acpadmin stats**
aggr add	**aggr add** aggr add-disks storage aggregate add-disks
aggr create	**aggr create** storage aggregate create
aggr destroy	**aggr delete** storage aggregate delete

7-Mode command	Clustered Data ONTAP command
aggr media_scrub	**system node run -node {*nodename*|local} aggr media_scrub**
aggr offline	**aggr offline** storage aggregate offline
aggr online	**aggr online** storage aggregate online
aggr options	**aggr modify** storage aggregate {show | modify}
aggr rename	**aggr rename** storage aggregate rename
aggr restrict	**aggr restrict** storage aggregate restrict
aggr scrub	**aggr scrub** storage aggregate scrub
aggr show_space	**aggr show-space** storage aggregate show-space
aggr status	aggr show storage aggregate show
aggr verify	**system node run -node {*nodename*|local} aggr verify**
autosupport destinations	**autosupport destinations** system node autosupport destinations
autosupport history	**autosupport history** system node autosupport history
autosupport manifest	**autosupport manifest** system node autosupport manifest
autosupport trigger	**autosupport trigger** system node autosupport trigger

B

7-Mode command	Clustered Data ONTAP command
backup status	**system node run -node {*nodename* -command backup status**
backup terminate	Not supported
bmc	Not supported
bmc reboot	Not supported
bmc status	Not supported

7-Mode command	Clustered Data ONTAP command
`bmc test`	Not supported

C

7-Mode command	Clustered Data ONTAP command
`cdpd show-neighbors`	**system node run -node {***nodename***|local} -command network device-discovery show**
`cdpd show-stats`	**system node run -node {***nodename***|local} -command cdpd show-stats**
`cdpd zero stats`	**system node run -node {***nodename***|local} -command cdpd zero-stats**
`cf disable`	`cf disable`
`cf enable`	`cf enable`
`cf forcegiveback`	Not supported
`cf forcetakeover`	`cf forcetakeover`
`cf giveback`	**cf giveback** `storage failover giveback`
`cf hw_assist`	`cf hwassist status` `storage failover hwassist show`
`cf monitor all`	**cf monitor all** `storage failover show -instance`
`cf partner`	**cf partner** `storage failover show -fields partner-name`
`cf rsrctbl`	**cf rsrctbl** `storage failover progress -table show`
`cf status`	**cf status** `storage failover show`
`cf takeover`	**cf takeover** `storage failover takeover`
`charmap`	`vserver cifs character-mapping`
`cifs access`	**cifs access** `vserver cifs access`
`cifs branchcache`	**cifs branchcache** `vserver cifs branchcache`
`cifs changefilerpwd`	**cifs changefilerpwd** `vserver cifs changefilerpwd`

7-Mode command	Clustered Data ONTAP command
`cifs domaininfo`	vserver cifs {show instance|domain discovered-servers show -instance}
`cifs gpresult`	`vserver cifs group-policy show-applied`
`cifs gpupdate`	`vserver cifs group-policy update`
`cifs homedir`	`vserver cifs home-directory`
cifs nbalias	vserver cifs { add-netbios-aliases | remove-netbios-aliases | show -display-netbios-aliases }
cifs prefdc	vserver cifs domain preferred-dc
cifs restart	vserver cifs start
cifs sessions	vserver cifs sessions show
cifs setup	vserver cifs create
cifs shares	**cifs shares** vserver cifs share
cifs stat	statistics show -object cifs
cifs terminate	vserver cifs stop
cifs testdc	vserver cifs domain discovered-servers
cifs resetdc	**cifs resetdc** vserver cifs domain discovered-servers reset-servers
clone clear	Not supported
clone start	volume file clone create
clone stop	Not supported
clone status	volume file clone show
config clone	Not supported
config diff	Not supported
config dump	Not supported
config restore	Not supported
coredump	system node coredump

D

7-Mode command	Clustered Data ONTAP command
date	**date** { system | cluster } date { show | modify }
dcb priority	system node run -node *nodename* -command dcb priority
dcb priority show	system node run -node *nodename* -command dcb priority show
dcb show	system node run -node *nodename* -command dcb show
df	**df**

7-Mode command	Clustered Data ONTAP command
df [aggr name]	df -aggregate *aggregate-name*
df [path name]	df -filesys-name *path- name*
df -A	**df -A**
df -g	**df -g** df -gigabyte
df -h	**df -h** df -autosize
df -i	**df -i**
df -k	**df -k** df -kilobyte
df -L	**df -L** df -flexcache
df -m	**df -m** df -megabyte
df -r	**df -r**
df -s	**df -s**
df -S	**df -S**
df -t	**df -t** df -terabyte
df -V	**df -V** df -volumes
df -x	**df -x** df -skip-snapshot-lines
disk assign	**disk assign** storage disk assign
disk encrypt	system node run -node run*nodename* -command disk encrypt
disk fail	**disk fail** storage disk fail
disk maint	**disk maint {start	abort	status	list }** system node run -node {*nodename*|local} -command disk maint {start	abort	status	list }
disk remove	**disk remove** storage disk remove
disk replace	**disk replace** storage disk replace
disk sanitize	system node run -node *nodename* -command disk sanitize
disk scrub	storage aggregate scrub
disk show	storage disk show

7-Mode command	Clustered Data ONTAP command
disk simpull	system node run -node *nodename* -command disk simpull
disk simpush	system node run -node *nodename* -command disk simpush
disk zero spares	storage disk zerospares
disk_fw_update	system node image modify
dns info	dns show
download	system node image update
du [path name]	du -vserver *vservername* -path *pathname* volume file show-disk-usage -vserver *vserver_name* -path *pathname*
du -h	du -vserver *vservername* -path *pathname* -h volume file show-disk-usage -vserver *vserver_name* -path *pathname* -h
du -k	du -vserver *vservername* -path *pathname* -k volume file show-disk-usage -vserver *vserver_name* -path *pathname* -k
du -m	du -vserver *vservername* -path *pathname* -m volume file show-disk-usage -vserver *vserver_name* -path *pathname* -m
du -r	du -vserver *vservername* -path *pathname* -r volume file show-disk-usage -vserver *vserver_name* -path *pathname* -r
du -u	du -vserver *vservername* -path *pathname* -u volume file show-disk-usage -vserver *vserver_name* -path *pathname* -u
dump	Not supported You must initiate the backup by using NDMP as described in tape backup documentation. For dump-to-null functionality, you must set the NDMP environment variable DUMP_TO_NULL. *Data protection using tape backup*

E

7-Mode command	Clustered Data ONTAP command
echo	**echo**
ems event status	**ems event status** event status show
ems log dump	event log show -time >*time-interval*
ems log dump value	event log show
environment chassis	system node run -node {*nodename*|local} -command environment chassis
environment status	system node run -node*nodename* -command environment status
environment shelf	Not supported You must use the "storage shelf" command set.

7-Mode command	Clustered Data ONTAP command
environment shelf_log	**environment shelf_log** system node run -node {*nodename*|local} -command environment shelf_log
environment shelf_stats	system node run -node {*nodename*|local} -command environment shelf_stats
environment shelf_power_status	Not supported You must use the "storage shelf" command set.
environment chassis	system node run -node {*nodename*|local} -command environment chassis
environment chassis list-sensors	system node run -node {*nodename*|local} environment sensors show
exportfs	vserver export policy [rule]
exportfs -f	vserver export-policy cache flush
exportfs -o	vserver export-policy rule
exportfs -p	vserver export policy rule
exportfs -q	vserver export policy [rule]

F

7-Mode command	Clustered Data ONTAP command
fcadmin config	system node run -node {*nodename*|local} -command fcadmin config
fcadmin link_stats	system node run -node {*nodename*|local} -command fcadmin link_stats
fcadmin fcal_stats	system node run -node {*nodename*|local} -command fcadmin fcal_stats
fcadmin device_map	system node run -node {*nodename*|local} -command fcadmin device_map
fcnic	Not supported
fcp config	network fcp adapter modify
fcp nameserver	system node run -node {*nodename*|local} -command fcp nameserver
fcp nodename	**fcp nodename** vserver fcp nodename
fcp ping	system node run -node {*nodename*|local} -command fcp ping
fcp portname	**fcp portname** vserver fcp portname
fcp show	**fcp show** vserver fcp show
fcp start	**fcp start** vserver fcp start

7-Mode command	Clustered Data ONTAP command
fcp stats	**fcp stats** fcp adapter stats
fcp status	**fcp status** vserver fcp status
fcp stop	**fcp stop** vserver fcp stop
fcp topology	system node run -node {*nodename*|local} -command fcp topology
fcp wwpn-alias	**fcp wwpn-alias** vserver fcp wwpn-alias
fcp zone	system node run -node {*nodename*|local} -command fcp zone
fcp dump	system node run -node {*nodename*|local} -command fcp dump
fcp reset	system node run -node {*nodename*|local} -command fcp reset
fcstat link_stats	system node run -node {*nodename*|local} -command fcstat link_stats
fcstat fcal_stats	system node run -node {*nodename*|local} -command fcstat fcal_stats
fcstat device_map	system node run -node {*nodename*|local} -command fcstat device_map
file reservation	volume file reservation
filestats	Not supported
flexcache	volume flexcache
fpolicy	**fpolicy** vserver fpolicy
fsecurity show	vserver security file-directory show
fsecurity apply	vserver security file-directory apply
fsecurity status	vserver security file-directory job-show
fsecurity cancel	vserver security file-directory job-stop
fsecurity remove-guard	vserver security file-directory remove-slag
ftp	Not supported

H

7-Mode command	Clustered Data ONTAP command
halt	system node halt -node *nodename*
halt -f	system node halt inhibit -takeover true
halt -d	system node halt -dump true
help	? **Note:** You must type the question mark (?) symbol to execute this command in clustered Data ONTAP.

7-Mode command	Clustered Data ONTAP command
hostname	**hostname** system hostname
httpstat	Not supported You must use the statistics command.

I

7-Mode command	Clustered Data ONTAP command
if_addr_filter_info	system node run -note *nodename* -command if_addr_filter_info
ifconfig	network interface network {interface | port}
ifconfig -a	network interface show network {interface | port} show
ifconfig alias	network interface create
ifconfig down	network interface modify -status-admin down
ifconfig flowcontrol	network port modify -flowcontrol-admin
ifconfig mediatype	network port modify {-duplex-admin | -speed-admin}
ifconfig mtusize	network port modify -mtu
ifconfig netmask	network interface modify -netmask
ifconfig up	network interface modify -status-admin up
ifgrp create	network port ifgrp create
ifgrp add	network port ifgrp add -port
ifgrp delete	network port ifgrp remove-port
ifgrp destroy	network port ifgrp delete
ifgrp favor	system node run -node {*nodename*|local} -command ifgrp favor
ifgrp nofavor	system node run -node {*nodename*|local} -command ifgrp nofavor
ifgrp status	system node run -node {*nodename*|local} -command ifgrp status
ifgrp stat	system node run -node {*nodename*|local} -command ifgrp stat
ifgrp show	network port ifgrp show
ifinfo	system node run -node {*nodename*|local} -command ifinfo
ifstat	system node run -node {*nodename*|local} -command ifstat
igroup add	**igroup add** lun igroup add

7-Mode command	Clustered Data ONTAP command
igroup alua	lun igroup modify -alua
igroup bind	**igroup bind** lun igroup bind
igroup destroy	**igroup delete** lun igroup delete
igroup create	**igroup create** lun igroup create
igroup remove	**igroup remove** lun igroup remove
igroup rename	**igroup rename** lun igroup rename
igroup set	igroup lun igroup set
igroup show	**igroup show** lun igroup show
igroup set ostype	igroup modify -ostype
igroup unbind	**igroup unbind** lun igroup unbind
ipsec	Not supported
iscsi alias	iscsi create vserver iscsi create OR iscsi modify vserver iscsi modify
iscsi connection	**iscsi connection** vserver iscsi connection
iscsi initiator	**iscsi initiator** vserver iscsi initiator
iscsi interface	**iscsi interface** vserver iscsi interface
iscsi isns	**iscsi isns** vserver iscsi isns
iscsi portal	**iscsi portal** vserver iscsi portal
iscsi security	**iscsi security** vserver iscsi security
iscsi session	**iscsi session** vserver iscsi session

7-Mode command	Clustered Data ONTAP command
iscsi show	**iscsi show** vserver iscsi show
iscsi start	**iscsi start** vserver iscsi start
iscsi stats	statistics {start|stop|show} -object *object* **Note:** Available at the advanced privilege level.
iscsi stop	**iscsi stop** vserver iscsi stop

K

7-Mode command	Clustered Data ONTAP command
key_manager	system node run -node {*nodename*|local} -command key_manager
keymgr	system node run -node {*nodename*|local} -command keymgr For management interface keys, you must use the "security certificates" commands.

L

7-Mode command	Clustered Data ONTAP command
`license`	`license show` `system license show`
`license add`	`license add` `system license add -license-code` `V2_license_code`
`license delete`	`license delete` `system license delete -package` `package_name`
`lock break`	`vserver locks break` **Note:** Available at the advanced privilege level.
`lock break -h host`	`vserver locks break -client-address` `client-address`
`lock break -net network`	`vserver locks break -client-address-type` `ip address type`
`lock break -o owner`	`vserver locks break -owner-id` `owner-id`
`lock break -p protocol`	`vserver locks break -protocol` `protocol`

7-Mode command	Clustered Data ONTAP command
`lock status`	`vserver locks show`
`lock status -h host`	`vserver locks show -client-address` *`client-address`*
`lock status -o owner`	`vserver locks show -owner-id` *`owner id`*
`lock status -p protocol`	`vserver locks show -protocol` *`protocol`*

`logger`	`logger`
	
	`system node run -node {nodename|local} -command logger`

`logout`	`exit`
`lun clone`	`volume file clone create`
`lun comment`	`lun comment`
`lun config_check`	Not supported
`lun create`	`lun create –vserver` *`vserver_name`*
`lun destroy`	`lun delete`
`lun map`	`lun map –vserver` *`vserver_name`*
`lun maxsize`	`lun maxsize`
`lun move`	`lun move`
`lun offline`	`lun modify -state offline`
`lun online`	`lun modify -state online`
`lun resize`	`lun resize`
`lun set`	`lun set`
`lun setup`	`lun create`
`lun share`	Not supported
`lun show`	`lun show`
`lun snap`	Not supported
`lun stats`	`statistics show -object lun*` **Note:** Available at the advanced privilege level.
`lun unmap`	`lun unmap`

M

7-Mode command	Clustered Data ONTAP command
man	**man**
maxfiles	vol modify -max-*number-of-files* OR vol -fields files
mt	Not supported You must use the storage tape command set.

N

7-Mode command	Clustered Data ONTAP command
nbtstat	vserver cifs nbtstat
ndmpd	{system	server} services ndmp
ndmpcopy	system node run -node {*nodename*|local} ndmpcopy
ndmpd on	**ndmpd on** system services ndmpd on
ndmpd off	**ndmpd off** system services ndmpd off
ndmpd status	{system	vserver} services ndmp status
ndmpd probe	{system	vserver} services ndmp probe
ndmpd kill	{system	vserver} services ndmp kill
ndmpd killall	{system	vserver} services ndmp kill-all
ndmpd password	{system	vserver} services ndmp password
ndmpd version	{system	vserver} services ndmp version
ndp	system node run -node {*nodename*|local} keymgr
netdiag	Not supported You must use the network interface or netstat commands.
netsat	system node run node *nodename* command netstat
network interface failover	network interface show -failover
network port vlan modify	Not supported
nfs off	**nfs off** vserver nfs off
nfs on	**nfs on** vserver nfs on
nfs setup	vserver nfs create OR vserver setup

7-Mode command	Clustered Data ONTAP command
nfs stat	statistics {start | stop | show} -object nfs*
nfs status	vserver nfs status
nfs vstorage	vserver nfs modify -vstorage
nfsstat	statistics show -object nfs*

O

7-Mode command	Clustered Data ONTAP command
orouted	Not supported

P

7-Mode command	Clustered Data ONTAP command
partner	Not supported
passwd	security login password
perf report -t	statistics {start | stop | show} -object perf
ping {host}	network ping {-node *nodename* | -lif *lif-name*} -destination
ping {count}	network ping {-node *nodename* | -lif *lif-name*} -count
ping -l interface	network ping -lif *lif-name*
ping -v	network ping -node {*nodename* | -lif *lif-name*} -verbose
ping -s	network ping -node {*nodename* | -lif *lif-name*} -show-detail
ping -R	network ping -node {*nodename* | -lif *lif-name*} -record-route
pktt delete	system node run -node {*nodename*|local} pktt delete
pktt dump	system node run -node {*nodename*|local} pktt dump
pktt list	system node run -node {*nodename*|local} pktt list
pktt pause	system node run -node {*nodename*|local} pktt pause
pktt start	system node run -node {*nodename*|local} pktt start
pktt status	system node run -node {*nodename*|local} pktt status
pktt stop	system node run -node {*nodename*|local} pktt stop
portset add	**portset add** lun portset add
portset create	**portset create** lun portset create
portset delete	**portset delete** lun portset delete
portset remove	**portset remove** lun portset remove

7-Mode command	Clustered Data ONTAP command
portset show	**portset show** lun portset show
priority hybrid-cache default	Not supported
priority hybrid-cache set	volume modify -volume *volume_name* -vserver *vserver_name* -caching-policy *policy_name*
priority hybrid-cache show	volume show -volume *volume_name* -vserver *vserver_name* -fields caching -policy
priv set	set -privilege

Q

7-Mode command	Clustered Data ONTAP command
qtree create	**qtree create** volume qtree create
qtree oplocks	**qtree oplocks** volume qtree oplocks
qtree security	**qtree security** volume qtree security
qtree status	qtree show volume qtree show
qtree stats	qtree statistics volume qtree statistics
quota allow	quota modify -state volume quota modify -state on
quota disallow	quota modify -state volume quota modify -state off
quota off	**quota off** volume quota off
quota on	**quota on** volume quota on
quota report	**quota report** volume quota report
quota resize	**quota resize** volume quota resize
quota status	quota show volume quota show
quota logmsg	volume quota show -fields logging, logging -interval

R

7-Mode command	Clustered Data ONTAP command
radius	Not supported
rdate	Not supported
rdfile	Not supported
reallocate off	**reallocate off**
reallocate measure	**reallocate measure**
reallocate on	**reallocate on**
reallocate quiesce	**reallocate quiesce**
reallocate restart	**reallocate restart**
reallocate schedule	**reallocate schedule**
reallocate start	**reallocate start**
reallocate status	reallocate show
reallocate stop	**reallocate stop**
reboot	**reboot** system node reboot -node *nodename*
reboot -d	**reboot -d** system node reboot -dump true -node *nodename*
reboot -f	**reboot -f** reboot -inhibit-takeover true -node *nodename*
restore	Not supported You must initiate the restore by using NDMP as described in tape backup documentation. *Data protection using tape backup*
restore_backup	system node restore-backup **Note:** Available at the advanced privilege level.
revert_to	system node revert-to node *nodename* -version
rlm	Not supported
route add	**route add** network route create
route delete	**route delete** network route delete
route -s	network routing-groups route show

S

7-Mode command	Clustered Data ONTAP command
`sasadmin adapter_state`	`system node run -node {nodename|local} -command sasadmin adapter_state`
`sasadmin channels`	`system node run -node {nodename|local} -command sasadmin channels`
`sasadmin dev_stats`	`system node run -node {nodename|local} -command sasadmin dev_stats`
`sasadmin expander`	`system node run -node {nodename|local} -command sasadmin expander`
`sasadmin expander_map`	`system node run -node {nodename|local} -command sasadmin expander_map`
`sasadmin expander_phy_state`	`system node run -node {nodename|local} -command sasadmin expander_phy_state`
`sasadmin shelf`	`storage shelf`
`sasadmin shelf_short`	`storage shelf`
`sasstat dev_stats`	`system node run -node {nodename|local} -command sasstat dev_stats`
`sasstat adapter_state`	`system node run -node {nodename|local} -command sasstat adapter_state`
`sasstat expander`	`system shelf show -port`
`sasstat expander_map`	`storage shelf show -module`
`sasstat expander_phy_state`	`system node run -node {nodename|local} sasstat expander_phy_state`
`sasstat shelf`	`storage shelf`
`savecore`	`system node coredump save-all`
`savecore -i`	`system node coredump config show -i`
`savecore -l`	`system node coredump show`
`savecore -s`	`system node coredump status`
`savecore -w`	Not supported
`savecore -k`	`system node coredump delete-all -type unsaved-kernel`
`sectrace add`	`vserver security trace create`
`sectrace delete`	`vserver security trace delete`

7-Mode command	Clustered Data ONTAP command
`sectrace show`	`vserver security trace filter show`
`sectrace print-status`	`vserver security trace trace-result show`
`secureadmin addcert`	`security certificate install`
`secureadmin disable ssh`	`security login modify`
`secureadmin disable ssl`	`security ssl modify`
`secureadmin enable ssl`	`security ssl modify`
`secureadmin setup`	`security`
`secureadmin setup ssh`	`security ssh {add|modify}`
`secureadmin setup ssl`	`security ssl {add|modify}`
`secureadmin enable ssh`	`security login modify`
`secureadmin status ssh`	`security login show`
`secureadmin status ssl`	`security ssl show`
`setup`	Not supported
`shelfchk`	`security ssh {add|modify}`
`showfh`	`security ssl {add|modify}`
`sis config`	`security login modify`
`sis off`	`security login show`
`sis on`	`security ssl show`
`sis revert_to`	Not supported
`sis start`	`showfh` `volume file show-filehandle`
`sis stop`	`sis off` `volume efficiency off`
`smtape`	`sis on` `volume efficiency on`

7-Mode command	Clustered Data ONTAP command
`snap autodelete`	`sis policy`

`snap create`	`sis revert_to`
	
	`volume efficiency revert-to`
	
	    Note: Available at the advanced privilege level.

`snap delete`	`snap delete`
	
	`volume snapshot delete`

`snap delta`	Not supported

`snap list`	`snap show`
	
	`volume snapshot show`

`snap reclaimable`	`volume snapshot compute -reclaimable` **Note:** Available at the advanced privilege level.

`snap rename`	`snap rename`
	
	`volume snapshot rename`

`snap reserve`	volume {modify|show} –fields percent-snapshot-space –volume *volume-name* storage aggregate {modify|show} –fields percent-snapshot-space – aggregate *aggregate-name*

`snap restore`	`snap restore`
	
	`volume snapshot restore`
	
	    Note: Available at the advanced privilege level.

`snap sched`	`volume snapshot policy`
`snap reclaimable`	`volume snapshot compute-reclaimable` **Note:** Available at the advanced privilege level.
`snapmirror abort`	`snapmirror abort`
`snapmirror break`	`snapmirror break`
`snapmirror destinations`	`snapmirror list-destinations`
`snapmirror initialize`	`snapmirror initialize`
`snapmirror migrate`	Not supported
`snapmirror off`	Not supported
`snapmirror on`	Not supported

7-Mode command	Clustered Data ONTAP command
`snapmirror quiesce`	`snapmirror quiesce`
`snapmirror release`	`snapmirror release`
`snapmirror resume`	`snapmirror resume`
`snapmirror resync`	`snapmirror resync`
`snapmirror status`	`snapmirror show`
`snapmirror throttle`	Not supported
`snapmirror update`	`snapmirror update`
`snmp authtrap`	`snmp authtrap`
`snmp community`	`snmp community`
`snmp contact`	`snmp contact`
`snmp init`	`snmp init`
`snmp location`	`snmp location`
`snmp traphost`	`snmp traphost`
`snmp traps`	`event route show -snmp-support true`
`software delete`	`system node image package delete`
`software get`	`system node image get`
`software install`	`system node image update`
`software list`	`system node image package show`
`software update`	`system node image update`
`source`	Not supported
`sp reboot`	`system service-processor reboot-sp`
`sp setup`	`system service-processor network modify`
`sp status`	`system service-processor show`
`sp status -d`	`system node autosupport invoke-splog`
`sp status -v`	`system node autosupport invoke-splog`
`sp update`	`system service-processor image update`
`sp update-status`	`system service-processor image update-progress`
`statit`	`statistics {start|stop|show} -preset statit`

7-Mode command	Clustered Data ONTAP command
`stats`	`statistics {start|stop|show} -object object` **Note:** Available at the advanced privilege level.
`storage aggregate copy`	Not supported
`storage aggregate media_scrub`	`system node run -node nodename -command aggr media_scrub`
`storage aggregate snapshot`	Not supported
`storage aggregate split`	Not supported
`storage aggregate undestroy`	Not supported
`storage alias`	`storage tape alias set`
`storage array`	`storage array`
`storage array modify`	`storage array modify`
`storage array remove`	`storage array remove`
`storage array remove-port`	`storage array port remove`
`storage array show`	`storage array show`
`storage array show-config`	`storage array config show`
`storage array show luns`	Not supported
`storage array show-ports`	`storage array port show`
`storage disable adapter`	`system node run -node {nodename|local} -command storage disable adapter`
`storage download acp`	`Storage shelf acp firmware update`
`storage download shelf`	`storage firmware download` **Note:** Available at the advanced privilege level.
`storage enable adapter`	`system node run -node {nodename|local} -command storage enable adapter`
`storage load balance`	`storage load balance`

7-Mode command	Clustered Data ONTAP command
`storage load show`	`storage load show`
`storage show acp`	`system node run -node {nodename|local} -command storage show acp`
`storage show adapter`	`system node run -node {nodename|local} -command storage show adapter`
`storage show bridge`	`storage bridge show`
`storage show disk`	`storage show disk` `storage disk show`
`storage show expander`	`storage shelf`
`storage show fabric`	`system node run -node {nodename|local} -command storage show fabric`
`storage show fault`	`system node run -node` *nodename* `-command storage show fault`
`storage show hub`	`system node run -node {nodename|local} -command storage show hub`
`storage show initiators`	`system node run -node {nodename|local} -command storage show initiators`
`storage show mc`	`storage tape show-media-changer`
`storage show port`	`storage switch`
`storage show shelf`	`storage shelf`
`storage show switch`	`storage switch show`
`storage show tape`	`storage tape show-tape-drive`
`storage stats tape`	`statistics show -object tape`
`storage stats tape zero`	`statistics {start|stop|show} -object tape`
`storage unalias`	`storage tape alias clear`
`sysconfig`	Not supported
`sysconfig -a`	`system node run -node {nodename|local} -command sysconfig -a`
`sysconfig -A`	`system node run -node {nodename|local} -command sysconfig -A`
`sysconfig -ac`	`system controller config show-errors -verbose`

7-Mode command	Clustered Data ONTAP command
`sysconfig -c`	`system controllers config-errors show`
`sysconfig -d`	`system node run -node {nodename|local} -command sysconfig -d`
`sysconfig -D`	`system controller config pci show-add-on devices`
`sysconfig -h`	`system node run -node {nodename|local} -command sysconfig -h`
`sysconfig -m`	`storage tape show-media-changer`
`syconfig -M`	`system node run -node {nodename|local} -command sysconfig -M`
`sysconfig -p`	Not supported You must use the following commands as alternatives: • Hypervisor information: system node virtual-machine hypervisor show • System disks backing stores: system node virtual-machine instance show-system-disks • Virtual disks backing information: storage disk show -virtual-machine-disk-info
`sysconfig -P`	`system contoller config pci show-hierarchy`
`sysconfig -r`	Not supported To view disk information, you must use the following commands: • File system disks: storage aggregate showstatus • Spare disks: storage aggregate show-sparedisks • Broken disks: storage disk show -broken • Disks in the maintenance center: storage disk show -maintenance
`sysconfig -t`	`storage tape show`
`sysconfig -v`	`system node run -node nodename -command sysconfig -v`
`sysconfig -V`	`system node run -node {nodename|local} -command sysconfig -V`
`sysstat`	`statistics {start|stop|show} -preset systat` **Note:** Available at the advanced privilege level.
`system health alert`	`system health alert`
`system health autosupport`	`system health autosupport`
`system health config`	`system health config`

7-Mode command	Clustered Data ONTAP command
`system health node-connectivity`	`system health node-connectivity`
`system health policy`	`system health policy`
`system health status`	`system health status`
`system health subsystem show`	`system health subsystem show`

T

7-Mode command	Clustered Data ONTAP command
timezone	**timezone**
traceroute -m	**traceroute -m** network traceroute { -node *nodename*	-lif *lif-name* } -maxttl *integer*
traceroute -n	**traceroute -n** network traceroute -node {*nodename*| -lif *lif-name*} -numeric true
traceroute -p	**traceroute -p** network traceroute { -node *nodename*	-lif *lif-name* } –port *integer*
traceroute -q	**traceroute -q** network traceroute { -node *nodename*	-lif *lif-name* } -nqueries *integer*
traceroute -s	Not supported
traceroute -v	**traceroute -v** network traceroute { -node *nodename*	-lif *lif-name* } -verbose [true]
traceroute -w	**traceroute -w** network traceroute { -node *nodename*	-lif *lif-name* } -waittime *integer*

U

7-Mode command	Clustered Data ONTAP command
ucadmin	system node hardware unified-connect
ups	Not supported
uptime	system node show -fields uptime
useradmin domainuser add	security login create
useradmin domainuser delete	security login delete
useradmin domainuser list	security login show

7-Mode command	Clustered Data ONTAP command
useradmin domainuser load	Not supported Use "vserver cifs users-and-groups" command set.
useradmin group add	security login role create
useradmin group delete	security login role delete
useradmin group list	security login role show
useradmin group modify	security login role modify
useradmin role add	security login role create
useradmin role delete	security login role delete
useradmin role list	security login role show
useradmin role modify	security login role modify
useradmin user add	security login create
useradmin user delete	security login delete
useradmin user list	security login show
useradmin user modify	security login modify

V

7-Mode command	Clustered Data ONTAP command
version -b	**version -b** OR system image show
version -v	**version -v** OR system image show
vfiler	Not supported
vfiler run	vserver
vfiler start	vserver start
vfiler stop	vserver stop
vfiler status	vserver show
vfiler disallow	vserver modify -disallowed-protocols
vlan add	network port vlan create
vlan create	network port vlan create
vlan delete	network port vlan delete
vlan modify	Not supported

7-Mode command	Clustered Data ONTAP command
vlan stat	system node run -node *nodename* -command vlan stat
vmservices	system node run -node {*nodename*|local} vmservices
volume add	Not supported
volume autosize	**volume autosize**
volume clone	**volume clone**
volume clone split	**volume clone split**
volume container	volume show -fields aggregate
volume copy	**volume copy** volume quota policy copy
volume create	**volume create**
vol destroy	volume destroy
volume file fingerprint	Not supported
volume media_scrub	Not supported
volume migrate	Not supported
vol mirror	Not supported
volume move	**volume move**
volume offline	**volume offline**
volume online	**volume online**
volume options	volume {show | modify}
volume quota allow	Not supported
volume quota disallow	Not supported
volume rename	**volume rename**
volume restrict	**volume restrict**
volume scrub	Not supported
volume size	**volume size**
volume snapshot delta	Not supported

7-Mode command	Clustered Data ONTAP command
volume snapshot reserve	Not supported Alternative commands include the following are: • For volumes, use: the "volume show -fields percent-snapshot-space" and "volume modify -volume *volumename* -percent-snapshot-space *percent*" commands. • For aggregates, use the "storage aggregate show -fields percent-snapshot-space" and "storage aggregate modify -aggregate *aggregate name* -percent-snapshot-space *percent*" commands.
volume split	Not supported
volume status	volume show
volume verify	Not supported
volume wafliron	Not supported
vscan	vserver vscan
vserver cifs adupdate	Not supported
vserver cifs broadcast	Not supported
vserver cifs comment	Not supported
vserver cifs top	Not supported
vserver iscsi ip_tpgroup add	Not supported
vserver iscsi ip_tpgroup create	Not supported
vserver iscsi ip_tpgroup destroy	Not supported
vserver iscsi ip_tpgroup remove	Not supported
vserver iscsi ip_tpgroup show	Not supported
vserver iscsi tpgroup alua set	Not supported
vserver iscsi tpgroup alua show	Not supported
vserver services name-service dns flush	Not supported

W

7-Mode command	Clustered Data ONTAP command
wrfile	Not supported

Y

7-Mode command	Clustered Data ONTAP command
ypcat	Not supported
ypgroup	Not supported
ypmatch	Not supported
ypwhich	Not supported

How 7-Mode options map to ONTAP commands

In Data ONTAP operating in 7-Mode, you execute the `options` command to set configurable storage system software options. In ONTAP, you use command parameters to set these options. You can use the provided tables to view how 7-Mode commands map to ONTAP commands.

In the "7-Mode command" column, the base `options` command is not shown, for the sake of clarity. Where you see `acp.domain`, the actual long form of the command is `options acp.domain`.

The "Understanding the 7-Mode to clustered Data ONTAP command mapping" section contains information about how the tables in this chapter are organized.

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A

7-Mode option	Clustered Data ONTAP command
`acp.domain`	`system node run -node {nodename|local} options acp.domain`
`acp.enabled`	`system node run -node {nodename|local} options acp.enabled`
`acp.netmask`	`system node run -node {nodename|local} options acp.netmask`
`acp.port`	`system node run -node {nodename|local} options acp.port`
`auditlog.enable`	`security audit`
`auditlog.max_file_size`	Not supported

7-Mode option	Clustered Data ONTAP command
`auditlog.readonly_api.enable`	`security audit`
`autologout.console.enable`	**`system timeout modify -timeout`**
`autologout.console.timeout`	**`system timeout modify -timeout`**
`autologout.telnet.enable`	Not supported
`autologout.telnet.timeout`	Not supported
`autosupport.cifs.verbose`	Not supported
`autosupport.content`	**`system node autosupport modify -node`** *`nodename`* **`-remove -private -data {true|false}`**
`autosupport.doit`	**`system node autosupport invoke -node`** *`nodename`* **`-type {all|test}`**
`autosupport.enable`	**`system node autosupport modify -node`** *`nodename`* **`-state {enable|disable}`**
`autosupport.from`	**`system node autosupport modify -node`** *`nodename`* **`-from`**
`autosupport.local_collection`	**`system node autosupport modify -node`** *`nodename`* **`-local-collection {true|false}`**
`autosupport.mailhost`	**`system node autosupport modify -node`** *`nodename`* **`-mail-hosts`**
`autosupport.max_http_size`	**`system node autosupport modify -node`** *`nodename`* **`-max-http-size`**
`autosupport.max_smtp_size`	**`system node autosupport modify -node`** *`nodename`* **`-max-smtp-size`**
`autosupport.minimal.subject.id`	**`system node autosupport modify -node`** *`nodename`* **`-hostname-subj`**
`autosupport.nht_data.enable` (not in smf)	**`autosupport modify -nht`** **`system node autosupport modify -nht`**
`autosupport.noteto`	**`system node autosupport modify -node`** *`nodename`* **`-noteto`**
`autosupport.partner.to`	**`system node autosupport modify -node`** *`nodename`* **`-partner-address`**
`autosupport.performance_data.doit`	**`system node autosupport invoke -node`** *`nodename`* **`-type performance`**
`autosupport.performance_data.enable`	**`system node autosupport modify -node`** *`nodename`* **`-perf {true|false}`**
`autosupport.periodic.tx_window`	**`system node autosupport modify -node`** *`nodename`* **`-periodic-tx-window`**

7-Mode option	Clustered Data ONTAP command
`autosupport.retry.count`	`system node autosupport modify -node` *`nodename`* `-retry-count`
`autosupport.retry.interval`	`system node autosupport modify -node` *`nodename`* `-retry-interval`
`autosupport.support.enable`	`system node autosupport modify -node` *`nodename`* `-support {enable|disable}`
`autosupport.support.proxy`	`system node autosupport modify -node` *`nodename`* `-proxy-url`
`autosupport.support.reminder`	`system node autosupport show -node` *`nodename`* `-fields reminder`
`autosupport.support.transport`	`system node autosupport modify -node` *`nodename`* `-transport {http|https|smtp}`
`autosupport.to`	`system node autosupport modify -node` *`nodename`* `-to`
`autosupport.validate_digital_ce rtificate`	`system node autosupport modify -node nodename -validate-digital-certificate {true|false}`

B

7-Mode option	Clustered Data ONTAP command
`backup.log.enable`	Not supported

C

7-Mode option	Clustered Data ONTAP command
`cdpd.enable`	`system node run -node {nodename|local} options cdpd.enable`
`cdpd.holdtime`	`system node run -node {nodename|local} options cdpd.holdtime`
`cdpd.interval`	`system node run -node {nodename|local} options cdpd.interval`
`cf.giveback.auto.after.panic.ta keover`	`storage failover modify -auto-giveback-after-panic`
`cf.giveback.auto.cancel.on_netw ork_failure`	Not supported
`cf.giveback.auto.delay.seconds`	`storage failover modify -delay-seconds`
`cf.giveback.auto.enable`	`storage failover modify -auto-giveback`
`cf.giveback.auto.override.vetoe s`	`storage failover modify -auto-giveback-override-vetoes`

7-Mode option	Clustered Data ONTAP command
`cf.giveback.auto.terminate.bigjobs`	**`storage failover modify -abort-operations`**
`cf.giveback.check.partner`	**`storage failover modify -check-partner`**
`cf.hw_assist.enable`	**`storage failover modify -hwassist`**
`cf.hw_assist.partner.address`	**`storage failover modify -hwassist-partner-ip`**
`cf.hw_assist.partner.port`	**`storage failover modify -hwassist-partner-port`**
`cf.mode`	**`storage failover modify -mode`**
`cf.remote_syncmirror.enable`	Not supported
`cf.sfoaggr_maxtime`	**`storage failover modify -aggregate-migration-timeout`** **Note:** Available at the advanced privilege level.
`cf.takeover.bypass_optimization`	**`storage failover modify -bypass-takeover-optimization`**
`cf.takeover.change_fsid`	Not supported
`cf.takeover.detection.seconds`	**`storage failover modify -detection-time`**
`cf.takeover.on_disk_shelf_miscompare`	Not supported
`cf.takeover.on_failure`	**`storage failover modify -onfailure`** **Note:** Available at the advanced privilege level.
`cf.takeover.on_network_interface_failure`	Not supported
`cf.takeover.on_network_interface_failure.policy all_nics`	Not supported
`cf.takeover.on_panic`	**`storage failover modify -onpanic`**
`cf.takeover.on_reboot`	**`storage failover modify -onreboot`**
`cf.takeover.on_short_uptime`	**`storage failover modify -onshort-uptime`** **Note:** Available at the advanced privilege level.
`cifs.LMCompatibilityLevel`	**`vserver cifs security modify -lm-compatibility-level`**
`cifs.audit.autosave.file.extension`	Not supported
`cifs.audit.autosave.file.limit`	**`vserver audit modify -rotate-limit`**
`cifs.audit.autosave.onsize.enable`	Not supported

7-Mode option	Clustered Data ONTAP command
`cifs.audit.autosave.onsize.threshold`	Not supported
`cifs.audit.autosave.ontime.enable`	Not supported
`cifs.audit.autosave.ontime.interval`	Not supported
`cifs.audit.enable`	`vserver audit`
`cifs.audit.file_access_events.enable`	**`vserver audit modify -events`**
`cifs.audit.nfs.filter.filename`	Not supported
`cifs.audit.logon_events.enable`	**`vserver audit modify -events cifs-logon-logoff`**
`cifs.audit.logsize`	Not supported
`cifs.audit.nfs.enable`	**`vserver audit modify -events file-ops`**
`cifs.audit.nfs.filter.filename`	Not supported
`cifs.audit.saveas`	**`vserver audit modify -destination`**
`cifs.bypass_traverse_checking`	**`vserver cifs users-and-groups privilege`**
`cifs.comment`	**`vserver cifs create -comment`**
`cifs.enable_share_browsing`	`vserver cifs share`
`cifs.gpo.enable`	`vserver cifs group-policy`
`cifs.gpo.trace.enable`	Not supported
`cifs.grant_implicit_exe_perms`	**`vserver cifs options modify -read-grant-exec`**
`cifs.guest_account`	Not supported
`cifs.home_dir_namestyle`	`vserver cifs share create`
`cifs.home_dirs_public`	**`vserver cifs home-directory modify -is-home-dirs-access-for-public-enabled {true|false}`** **Note:** Available at the advanced privilege level.
`cifs.home_dirs_public_for_admin`	**`vserver cifs home-directory modify -is-home-dirs-access-for-public-enabled{true|false}`** **Note:** Available at the advanced privilege level.
`cifs.idle_timeout`	**`vserver cifs options modify -client-session-timeout`**
`cifs.ipv6.enable`	Not supported
`cifs.max_mpx`	**`vserver cifs options modify -max-mpx`**

7-Mode option	Clustered Data ONTAP command
`cifs.ms_snapshot_mode`	Not supported
`cifs.mapped_null_user_extra_group`	**vserver cifs options modify -win-name-for-null-user**
`cifs.netbios_over_tcp.enable`	Not supported
`cifs.nfs_root_ignore_acl`	Not supported
`cifs.ntfs_ignore_unix_security_ops`	**vserver nfs modify -ntfs-unix-security-ops** **Note:** Available at the advanced privilege level.
`cifs.oplocks.enable`	**vserver cifs share properties add -share-properties**
`cifs.oplocks.opendelta *`	Not supported
`cifs.perm_check_ro_del_ok`	**vserver cifs options modify -is-read-only-delete-enabled**
`cifs.perm_check_use_gid`	Not supported
`cifs.restrict_anonymous`	**vserver cifs options modify -restrict-anonymous**
`cifs.save_case`	Not supported
`cifs.scopeid`	Not supported
`cifs.search_domains`	**vserver cifs domain name-mapping-search**
`cifs.show_dotfiles`	`is-hide-dotfiles-enabled`
`cifs.show_snapshot`	**vserver cifs share properties add -share-properties**
`cifs.shutdown_msg_level`	Not supported
cifs.signing.enable	**vserver cifs security modify -is-signing-required**
cifs.smb2.client.enable	Not supported
cifs.smb2.durable_handle.enable	Not supported
cifs.smb2.durable_handle.timeout	Not supported
cifs.smb2.enable	**vserver cifs options modify -smb2-enabled**
cifs.smb2.signing.required	**vserver cifs options modify -is-signing-required**
cifs.smb2_1.branch_cache.enable	`vserver cifs share properties`
cifs.smb2_1.branch_cache.hash_time_out	Not supported
cifs.snapshot_file_folding.enable	Not supported
cifs.symlinks.cycleguard	Not supported

7-Mode option	Clustered Data ONTAP command
cifs.symlinks.enable	`vserver cifs share modify -symlink-properties`
cifs.universal_nested_groups.enable	Not supported
cifs.W2K_password_change	`vserver cifs domain password change`
cifs.W2K_password_change_interval	`vserver cifs domain password change schedule`
cifs.W2K_password_change_within	`vserver cifs domain password change schedule`
cifs.widelink.ttl	Not supported
console.encoding	Not supported
coredump.dump.attempts	`system node coredump config modify -coredump-attempts`
coredump.metadata_only	`system node coredump config modify -sparsecore-enabled true`

D

7-Mode option	Clustered Data ONTAP command
disk.asup_on_mp_loss	`system node autosupport trigger modify dsk.redun.fault`
disk.auto_assign	`storage disk option modify -autoassign`
disk.auto_assign_shelf	`storage disk option modify -autoassign-shelf`
disk.maint_center.allowed_entries	Not supported
disk.maint_center.enable	`system node run -node {nodename|local} options disk.maint_center.enable`
disk.maint_center.max_disks	`system node run -node {nodename|local} options disk.maint_center.max_disks`
disk.maint_center.rec_allowed_entries	`system node run -node {nodename|local} options disk.maint_center.rec_allowed_entries`
disk.maint_center.spares_check	`system node run -node {nodename|local} options disk.maint_center.spares_check`
disk.powercycle.enable	`system node run -node {nodename|local} options disk.powercycle.enable`
disk.recovery_needed.count	Not supported
disk.target_port.cmd_queue_depth	`storage array modify -name array_name -max-queue-depth`
dns.cache.enable	Not supported

7-Mode option	Clustered Data ONTAP command
dns.domainname	vserver services name-service dns modify -domains
dns.enable	vserver services name-service dns modify -state
dns.update.enable	Not supported
dns.update.ttl	Not supported

E

7-Mode option	Clustered Data ONTAP command
ems.autosuppress.enable	event config modify -suppression {on|off} **Note:** Available at the advanced privilege level.

F

7-Mode option	Clustered Data ONTAP command
fcp.enable	fcp start
flexcache.access	Not supported
flexcache.deleg.high_water	Not supported
flexcache.deleg.low_water	Not supported
flexcache.enable	Not supported
flexcache.per_client_stats	Not supported
flexscale.enable	system node run -node {*nodename*|local} options flexscale.enable
flexscale.lopri_blocks	system node run -node {*nodename*|local} options flexscale.lopri_blocks
flexscale.normal_data_blocks	system node run -node {*nodename*|local} options flexscale.normal_data_blocks
flexscale.pcs_high_res	system node run -node {*nodename*|local} options flexscale.pcs_high_res
flexscale.pcs_size	system node run -node {*nodename*|local} options flexscale.pcs_size
flexscale.rewarm	system node run -node {*nodename*|local} options flexscale.rewarm
fpolicy.enable	vserver fpolicy enable
fpolicy.i2p_ems_interval	Not supported
fpolicy.multiple_pipes	Not supported
ftpd.3way.enable	Not supported
ftpd.anonymous.enable	Not supported
ftpd.anonymous.home_dir	Not supported
ftpd.anonymous.name	Not supported
ftpd.auth_style	Not supported

7-Mode option	Clustered Data ONTAP command
ftpd.bypass_traverse_checking	Not supported
ftpd.dir.override	Not supported
ftpd.dir.restriction	Not supported
ftpd.enable	Not supported
ftpd.explicit.allow_secure_data_conn	Not supported
ftpd.explicit.enable	Not supported
ftpd.idle_timeout	Not supported
ftpd.implicit.enable	Not supported
ftpd.ipv6.enable	Not supported
ftpd.locking	Not supported
ftpd.log.enable	Not supported
ftpd.log.filesize	Not supported
ftpd.log.nfiles	Not supported
ftpd.max_connections	Not supported
ftpd.max_connections_threshold	Not supported
ftpd.tcp_window_size	Not supported

H

7-Mode option	Clustered Data ONTAP command
httpd.access	Not supported
httpd.admin.access	Not supported
httpd.admin.enable	vserver services web modify -enabled {true|false}
httpd.admin.hostsequiv.enable	Not supported
httpd.admin.max_connections	Not supported
httpd.admin.ssl.enable	security ssl
httpd.admin.top-page.authentication	Not supported
httpd.bypass_traverse_checking	Not supported
httpd.enable	Not supported
httpd.ipv6.enable	Not supported
httpd.log.format	Not supported
httpd.method.trace.enable	Not supported
httpd.rootdir	Not supported
httpd.timeout	Not supported
httpd.timewait.enable	Not supported

I

7-Mode option	Clustered Data ONTAP command
ifgrp.failover.link_degraded	Not supported
interface.blocked.cifs	network interface create -data-protocol
interface.blocked.iscsi	network interface create -data-protocol
interface.blocked.mgmt_data_traffic	network interface create -role
interface.blocked.ndmp	system services firewall policy modify -policy *policy name* -service ndmp
interface.blocked.nfs	network interface create -data-protocol
interface.blocked.snapmirror	network interface create -role
ip.fastpath.enable	system node run -node {*nodename*|local} options ip.fastpath.enable
ip.ipsec.enable	Not supported
ip.match_any_ifaddr	Not supported
ip.path_mtu_discovery.enable	system node run -node {*nodename*|local} options ip.path_mtu_discovery.enable
ip.ping_throttle.alarm_interval	system node run -node {*nodename*|local} options ip.ping_throttle.alarm_interval
ip.ping_throttle.drop_level	system node run -node {*nodename*|local} options ip.ping_throttle.drop.level
ip.tcp.abc.enable	system node run -node {*nodename*|local} options ip.tcp.abc.enable
ip.tcp.abc.l_limit	system node run -node {*nodename*|local} options ip.tcp.abc.l_limit
ip.tcp.batching.enable	system node run -node {*nodename*|local} options ip.tcp.batching.enable
ip.tcp.newreno.enable	Not supported
ip.tcp.rfc3390.enable	system node run -node {*nodename*|local} options ip.tcp.rfc3390.enable
ip.tcp.sack.enable	system node run -node {*nodename*|local} options ip.tcp.sack.enable
ip.v6.enable	network options ipv6 modify
ip.v6.ra_enable	Not supported
iscsi.auth.radius.enable	Not supported
iscsi.enable	iscsi start
iscsi.max_connections_per_session	iscsi modify -max -conn-per-session
iscsi.max_error_recovery_level	iscsi modify -max-error-recovery-level

K

7-Mode option	Clustered Data ONTAP command
kerberos.file_keytab.principal	Not supported
kerberos.file_keytab.realmipal	Not supported

L

7-Mode option	Clustered Data ONTAP command
ldap.ADdomain	vserver services name-service ldap client modify -ad-domain
ldap.base	vserver services name-service ldap client modify -base-dn
ldap.base.group	ldap client modify -group-dn *ldap DN* -group-scope **Note:** Available at the advanced privilege level.
ldap.base.netgroup	ldap client modify -netgroup-dn *ldap DN* -netgroup-scope **Note:** Available at the advanced privilege level.
ldap.base.passwd	vserver services ldap client modify -user-dn **Note:** Available at the advanced privilege level.
ldap.enable	vserver services name-service ldap modify
ldap.minimum_bind_level	vserver services name-service ldap client modify -min-bind-level
ldap.name	vserver services name-service ldap client modify -bind-dn
ldap.nssmap.attribute.gecos	ldap client schema modify -gecos-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.gidNumber	ldap client schema modify -gid-number-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.groupname	ldap client schema modify -cn-group-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.homeDirectory	ldap client schema modify -home-directory-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.loginShell	ldap client schema modify -login-shell-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.memberNisNetgroup	ldap client schema modify -member-nis-netgroup-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.memberUid	ldap client schema modify -member-uid-attribute **Note:** Available at the advanced privilege level.

7-Mode option	Clustered Data ONTAP command
ldap.nssmap.attribute.netgroupname	ldap client schema modify -cn-netgroup-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.nisNetgroupTriple	ldap client schema modify -nis-netgroup-triple-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.uid	ldap client schema modify -uid-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.uidNumber	ldap client schema modify -uid-number-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.attribute.userPassword	ldap client schema modify -user-password-attribute **Note:** Available at the advanced privilege level.
ldap.nssmap.objectClass.nisNetgroup	ldap client schema modify -nis-netgroup-object-class **Note:** Available at the advanced privilege level.
ldap.nssmap.objectClass.posixAccount	ldap client schema modify -posix-account-object-class **Note:** Available at the advanced privilege level.
ldap.nssmap.objectClass.posixGroup	ldap client schema modify -posix-group-object-class **Note:** Available at the advanced privilege level.
ldap.passwd	vserver services name-service ldap client modify-bind-password
ldap.port	vserver services name-service ldap client modify -port
ldap.servers	vserver services name-service ldap client modify -servers
ldap.servers.preferred	vserver services name-service ldap client modify -preferred-ad-servers
ldap.ssl.enable	Not supported
ldap.timeout	vserver services name-service ldap client modify -query-timeout
ldap.usermap.attribute.windowsaccount	ldap client schema modify -windows-account-attribute **Note:** Available at the advanced privilege level.
ldap.usermap.base	ldap client modify -user-dn *ldap DN* -user-scope **Note:** Available at the advanced privilege level.
ldap.usermap.enable	Not supported
licensed_feature.fcp.enable	Not supported
licensed_feature.flex_clone.enable	Not supported

7-Mode option	Clustered Data ONTAP command
licensed_feature.flexcache_nfs.enable	Not supported
licensed_feature.iscsi.enable	Not supported
licensed_feature.multistore.enable	Not supported
licensed_feature.nearstore_option.enable	Not supported
licensed_feature.vld.enable	Not supported
locking.grace_lease_seconds	vserver nfs modify -v4-grace-seconds
lun.clone_restore	Not supported
lun.partner_unreachable.linux.asc	Not supported
lun.partner_unreachable.linux.ascq	Not supported
lun.partner_unreachable.linux.behavior	Not supported
lun.partner_unreachable.linux.hold_time	Not supported
lun.partner_unreachable.linux.scsi_status	Not supported
lun.partner_unreachable.linux.skey	Not supported
lun.partner_unreachable.vmware.behavior	Not supported
lun.partner_unreachable.vmware.hold_time	Not supported

N

7-Mode option	Clustered Data ONTAP command
ndmpd.abort_on_disk_error	options ndmpd.abort_on_disk_error **Note:** Available at the advanced privilege level.
ndmpd.access	system services firewall policy modify -policy * -service ndmp -allow-list
ndmpd.authtype	system services ndmpd modify -clear-text
ndmpd.connectlog.enabled	Not supported
ndmpd.data_port_range	Not supported
ndmpd.enable	Not supported
ndmpd.ignore_ctime.enabled	Not supported
ndmpd.maxversion	Not supported
ndmpd.offset_map.enable	Not supported
ndmpd.password_length	Not supported
ndmpd.preferred_interface	Not supported
ndmpd.tcpnodelay.enable	Not supported
ndmpd.tcpwinsize	Not supported
nfs.assist.queue.limit	Not supported

7-Mode option	Clustered Data ONTAP command
nfs.authsys.extended_groups_ns.enable	vserver nfs modify -auth-sys-extended-groups **Note:** Available at the advanced privilege level.
nfs.export.allow_provisional_access	Not supported
nfs.export.auto-update	Not supported
nfs.export.exportfs_comment_on_delete	Not supported
nfs.export.harvest.timeout	Not supported
nfs.export.neg.timeout	Not supported
nfs.kerberos.enable	vserver nfs kerberos realm create
nfs.kerberos.file_keytab.enable	Not supported
nfs.kerberos.file_keytab.principal	vserver nfs kerberos realm create
nfs.kerberos.file_keytab.realm	vserver nfs kerberos realm create
nfs.max_num_aux_groups	vserver nfs { show	modify } -extended-groups-limit
nfs.mount_rootonly	vserver nfs modify -mount-rootonly
nfs.netgroup.strict	Not supported
nfs.nfs_rootonly	vserver nfs modify -nfs-rootonly
nfs.per_client_stats.enable	statistics settings modify -client stats **Note:** Available at the advanced privilege level.
nfs.require_valid_mapped_uid	vserver name-mapping create
nfs.response.trace	vserver nfs modify -trace-enabled **Note:** Available at the advanced privilege level.
nfs.response.trigger	vserver nfs modify -trigger **Note:** Available at the advanced privilege level.
nfs.rpcsec.ctx.high	nfs modify -rpcsec-ctx-high **Note:** Available at the advanced privilege level.
nfs.rpcsec.ctx.idle	nfs modify -rpcsec-ctx-idle **Note:** Available at the advanced privilege level.
nfs.tcp.enable	vserver nfs modify -tcp
nfs.thin_prov.ejuke	vserver nfs modify -enable-ejukebox **Note:** Available at the advanced privilege level.
nfs.udp.enable	vserver nfs modify -udp
nfs.udp.xfersize	vserver nfs modify -udp-max-xfer-size **Note:** Available at the advanced privilege level.
nfs.v2.df_2gb_lim	Not supported
nfs.v2.enable	Not supported

7-Mode option	Clustered Data ONTAP command
nfs.v3.enable	vserver nfs modify -v3
nfs.v4.acl.enable	vserver nfs modify -v4.0-acl
nfs.v4.enable	vserver nfs modify -v4.0
nfs.v4.id.allow_numerics	vserver nfs modify -v4-numeric-ids
nfs.v4.id.domain	vserver nfs modify -v4-id-domain
nfs.v4.read_delegation	vserver nfs modify -v4.0-read-delegation
nfs.v4.write_delegation	vserver nfs modify -v4.0-write-delegation
nfs.vstorage.enable	vserver nfs modify -vstorage
nfs.webnfs.enable	Not supported
nfs.webnfs.rootdir	Not supported
nfs.webnfs.rootdir.set	Not supported
nis.domainname	vserver services name-service nis-domain modify -domain
nis.enable	vserver services name-service nis-domain modify -active
nis.group_update.enable	Not supported
nis.group_update_schedule	Not supported
nis.netgroup.domain_search.enable	Not supported
nis.servers	vserver services name-service nis-domain modify -servers
nis.slave.enable	Not supported
nlm.cleanup.timeout	Not supported

P

7-Mode option	Clustered Data ONTAP command
pcnfsd.enable	Not supported
pcnfsd.umask	Not supported

Q

7-Mode option	Clustered Data ONTAP command
qos.classify.count_all_matches	Not supported

R

Note: All raid options have 7-Mode-compatible nodeshell shortcuts of the form `options optionname`.

7-Mode option	Clustered Data ONTAP command
raid	storage raid-options { modify	show }

7-Mode option	Clustered Data ONTAP command
raid.background_disk_fw_update.enable	storage disk option modify -bkg-firmware-update
raid.disk.copy.auto.enable	storage raid-options modify -raid.disk.copy.auto.enable
raid.disk.timeout.enable	system node run -node {*nodename*|local} options raid.disk.timeout.enable
raid.disktype.enable	Not supported
raid.lost_write.enable	raid-options modify raid.lost_write.enable **Note**: Available at the advanced privilege level.
raid.media_scrub.enable	storage raid-options { modify	show } -name raid.media_scrub.enable
raid.media_scrub.rate	storage raid-options { modify	show } -name raid.media_scrub.rate
raid.min_spare_count	storage raid-options { modify	show } -name raid.min_spare_count
raid.mix.hdd.disktype.capacity	storage raid-options { modify	show } -name raid.mix.hdd.disktype.capacity
raid.mix.hdd.disktype.performance	storage raid-options { modify	show } -name raid.mix.hdd.disktype.performance
raid.mix.hdd.rpm.capacity	storage raid-options { modify	show } -name raid.mix.hdd.rpm.capacity
raid.mix.hdd.rpm.performance	storage raid-options { modify	show } -name raid.mix.hdd.rpm.performance
raid.mirror_read_plex_pref	storage raid-options { modify	show } -name raid.mirror_read_plex_pref
raid.reconstruct.perf_impact	storage raid-options { modify	show } -name raid.reconstruct.perf_impact
raid.resync.perf_impact	storage raid-options { modify	show } -name raid.resync.perf_impact
raid.rpm.ata.enable	Not supported
raid.rpm.fcal.enable	Not supported
raid.scrub.duration	storage raid-options { modify	show } -name raid.scrub.duration
raid.scrub.perf_impact	storage raid-options { modify	show } -name raid.scrub.perf_impact
raid.scrub.schedule	storage raid-options { modify	show } -name raid.scrub.schedule
raid.timeout	storage raid-options { modify	show } -name raid.timeout
raid.verify.perf_impact	storage raid-options { modify	show } -name raid.verify.perf_impact
replication.logical.reserved_transfers	snapmirror set-options -xdp-source-xfer-reserve-pct
replication.throttle.enable	snapmirror modify -throttle

7-Mode option	Clustered Data ONTAP command
replication.volume.reserved_transfers	snapmirror set-options -dp-source-xfer-reserve-pct
replication.volume.use_auto_resync	Not supported
rpc.mountd.tcp.port	vserver nfs modify -mountd-port **Note:** Available at the advanced privilege level.
rpc.mountd.udp.port	vserver nfs modify -mountd-port **Note:** Available at the advanced privilege level.
rpc.nlm.tcp.port	vserver nfs modify -nlm-port **Note:** Available at the advanced privilege level.
rpc.nlm.udp.port	vserver nfs modify -nlm-port **Note:** Available at the advanced privilege level.
rpc.nsm.tcp.port	vserver nfs modify -nsm-port **Note:** Available at the advanced privilege level.
rpc.nsm.udp.port	vserver nfs modify -nsm-port **Note:** Available at the advanced privilege level.
rpc.pcnfsd.tcp.port	Not supported
rpc.pcnfsd.udp.port	Not supported
rpc.rquotad.udp.port	vserver nfs modify -rquotad-port **Note:** Available at the advanced privilege level.
rquotad.enable	vserver nfs modify -rquota
rsh.access	system services firewall policy create -policy mgmt - service rsh -allow-list
rsh.enable	system services firewall policy create -policy mgmt - service rsh -allow-list

S

7-Mode option	Clustered Data ONTAP command
security.admin.authentication	security login modify
security.admin.nsswitchgroup	vserver modify
security.passwd.firstlogin.enable	security login role config modify
security.passwd.lockout.numtries	security login role config modify
security.passwd.rootaccess.enable	Not supported
security.passwd.rules.enable	security login role config modify
security.passwd.rules.everyone	security login role config modify
security.passwd.rules.history	security login role config modify
security.passwd.rules.maximum	security login role config modify

7-Mode option	Clustered Data ONTAP command
security.passwd.rules.minimum	security login role config modify
security.passwd.rules.minimum.alphabetic	Not supported
security.passwd.rules.minimum.digit	security login role config modify
security.passwd.rules.minimum.symbol	Not supported
sftp.auth_style	Not supported
sftp.dir_override	Not supported
sftp.dir_restriction	Not supported
sftp.enable	Not supported
sftp.idle_timeout	Not supported
sftp.locking	Not supported
sftp.log_enable	Not supported
sftp.log_filesize	Not supported
sftp.log_nfiles	Not supported
sftp.max_connections	Not supported
sftp.max_connections_threshold	Not supported
sftp.override_client_permissions	Not supported
shelf.atfcx.auto.reset.enable	system node run -node {*nodename*|local} options shelf.atfcx.auto.reset.enable
shelf.esh4.auto.reset.enable	system node run -node {*nodename*|local} options shelf.esh4.auto.reset.enable
shelf.fw.ndu.enable	system node run -node {*nodename*|local} options shelf.fw.ndu.enable
sis.max_vfiler_active_ops	Not supported
snaplock.autocommit_period	Not supported
snaplock.compliance.write_verify	Not supported
snaplock.log.default_retention	Not supported
snaplock.log.maximum_size	Not supported
snapmirror.access	snapmirror create
snapmirror.checkip.enable	Not supported
snapmirror.cmode.suspend	snapmirror quiesce
snapmirror.delayed_acks.enable	Not supported
snapmirror.vsm.volread.smtape_enable	Not supported
snapvalidator.version	Not supported
snapvault.access	vserver peer
snapvault.enable	Not supported
snapvault.lockvault_log_volume	Not supported
snapvault.preservesnap	snapmirror policy

7-Mode option	Clustered Data ONTAP command
snapvault.snapshot_for_dr_backup	Not supported
snmp.access	system services firewall policy modify -policy *policy name* -service snmp -allow-list
snmp.enable	Not supported
ssh.access	system services firewall policy modify -policy *policy name* -service ssh -allow-list
ssh.enable	system services firewall policy modify -policy *policy name* -service ssh -allow-list
ssh.idle.timeout	Not supported
ssh.passwd_auth.enable	security login { show	create	delete } -user-or-group-name *username* -application ssh -authmethod publickey -role *rolename* -vserver *vservername*
ssh.pubkey_auth.enable	security login modify -authmethod publickey
ssh1.enable	Not supported
ssh2.enable	Not supported
ssl.enable	security ssl modify -server -enabled
ssl.v2.enable	system services web modify -sslv2-enabled
ssl.v3.enable	system services web modify -sslv3-enabled
stats.archive.frequency_config	Not supported

T

7-Mode option	Clustered Data ONTAP command
tape.reservations	options tape.reservations
telnet.access	system services firewall policy create -policy mgmt -service telnet -allow-list
telnet.distinct.enable	Not supported
telnet.enable	system services firewall policy create -policy mgmt -service telnet -allow-list
tftpd.enable	Not supported
tftpd.logging	Not supported
tftpd.max_connections	Not supported
tftpd.rootdir	Not supported
timed.enable	system services ntp config modify -enabled
timed.log	Not supported
timed.max_skew	Not supported
timed.min_skew	Not supported
timed.proto	Not supported
timed.sched	Not supported

7-Mode option	Clustered Data ONTAP command
timed.servers	cluster time-service ntp server
timed.window	Not supported
trusted.hosts	Not supported

V

7-Mode option	Clustered Data ONTAP command
vol.move.cutover.cpu.busy.limit	Not supported
vol.move.cutover.disk.busy.limit	Not supported
vsm.smtape.concurrent.cascade.support	Not supported

W

7-Mode option	Clustered Data ONTAP command
wafl.default_nt_user	vserver nfs modify -default-win-user
wafl.default_unix_user	vserver cifs options modify -default-unix-user
wafl.inconsistent.asup_frequency.blks	system node run -node {*nodename*|local} options wafl.inconsistent.asup_frequency.blks
wafl.inconsistent.asup_frequency.time	system node run -node {*nodename*|local} options wafl.inconsistent.asup_frequency.time
wafl.inconsistent.ems_suppress	system node run -node {*nodename*|local} options wafl.inconsistent.ems_suppress
wafl.maxdirsize	vol create -maxdir-size **Note:** Available at the advanced privilege level.
wafl.nt_admin_priv_map_to_root	vserver name-mapping create
wafl.root_only_chown	vserver nfs modify -chown-mode **Note:** Available at the advanced privilege level.
wafl.wcc_minutes_valid	Not supported
webdav.enable	Not supported

How 7-Mode configuration files map to clustered Data ONTAP commands

In Data ONTAP operating in 7-Mode, you typically use flat files to configure the storage system. In clustered Data ONTAP, you use configuration commands. You need to know how 7-Mode configuration files map to clustered Data ONTAP configuration commands.

7-Mode configuration file	Clustered Data ONTAP configuration command
`/etc/cifs_homedir.cfg`	`vserver cifs home-directory search-path`
`/etc/exports`	`vserver export-policy`
`/etc/hosts`	`vserver services dns hosts`
`/etc/hosts.equiv`	Not applicable. The `security login` commands create user access profiles.
`/etc/messages`	`event log show`
`/etc/motd`	`security login motd modify`
`/etc/nsswitch.conf`	`vserver modify`
`/etc/rc`	In clustered Data ONTAP, the retention of node configuration information processed at boot is transferred to other internal files that retain the configuration information. In Data ONTAP operating in 7-Mode, features configured in memory are also retained in the `/etc/rc` file to be replayed at boot and reconfigured.
`/etc/quotas`	`volume quota`
`/etc/resolv.conf`	`vserver services dns modify`
`/etc/snapmirror.allow`	Intercluster relationships exist between two clusters. Intracluster relationships exist between two nodes on the same cluster. Authentication of the remote cluster occurs during the creation of the cluster peering relationship. Intracluster `snapmirror create` commands can be performed only by the cluster administrator to enforce per Storage Virtual Machine (SVM) security.
`/etc/snapmirror.conf`	`snapmirror create`
`/etc/ symlink.translations`	`vserver cifs symlink`
`/etc/usermap.cfg`	`vserver name-mapping create`

How to interpret the clustered Data ONTAP commands, options, and configuration files maps for 7-Mode administrators

If you are moving from Data ONTAP running in 7-Mode to clustered Data ONTAP, you might find it handy to refer to the command maps, which show the clustered Data ONTAP equivalents of 7-Mode commands, options, and configuration files.

What mapping information is included

The Command Map for 7-Mode Administrators includes the following mappings of 7-Mode commands, options, and configuration files to their clustered Data ONTAP equivalents:

- *How 7-Mode commands map to clustered Data ONTAP commands* on page 4

- *How 7-Mode options map to clustered Data ONTAP commands* on page 32

- *How 7-Mode configuration files map to clustered Data ONTAP commands* on page 52

How to interpret 7-Mode-compatible shortcut commands

Although the Data ONTAP command-line interface (CLI) is significantly reorganized for cluster operations, many of the commands have 7-Mode-compatible shortcut versions that require no change to scripts or other automated tasks. These shortcut versions are listed first and in **bold** in the tables here. Shortcut versions that are not 7-Mode-compatible are listed next, followed by the full, long-form version of the commands:

7-Mode command	Clustered Data ONTAP command
aggr add	**aggr add** aggr add-disks storage aggregate add-disks

If no **bold** shortcut is listed, a 7-Mode-compatible version is not available. Not all forms of the commands are shown in the table. The CLI is extremely flexible, allowing multiple abbreviated forms.

Understanding the different clustered Data ONTAP shells for CLI commands

A cluster has three different shells for CLI commands:

- The *clustershell* is the native shell, started automatically when you log in to the cluster.
  It provides all the commands you need to configure and manage the cluster.

- The *nodeshell* is a special shell that enables you to run a subset of 7-Mode commands.
  These commands take effect only at the node level. You can switch from the clustershell to a nodeshell session to run nodeshell commands interactively, or you can run a single nodeshell command from the clustershell. You can recognize a command as a nodeshell command if it has the (long) form system node run –node {nodename|local} commandname.

- The *systemshell* is a low-level shell used only for diagnostic and troubleshooting purposes.
  It is not intended for general administrative purposes. Access the systemshell only with guidance from technical support.

Switching to nodeshell

When you see a 7-Mode-compatible shortcut version of a nodeshell command, it is assumed that you are running the command from the nodeshell. To switch to the nodeshell, enter the following:

```
system node run -node {nodename|local}
```

Other forms of the nodeshell command must be run from the clustershell.

Where to go for more information

If you want to...	For more information...
Use clustershell commands	*ONTAP 9 commands*
Use nodeshell commands	*Data ONTAP 8. 2 Commands: Manual Page Reference for 7-Mode, Volume 1*
Execute CLI commands, navigate CLI command directories, set values in the CLI, and use queries, patterns, and wildcards	*System administration*

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