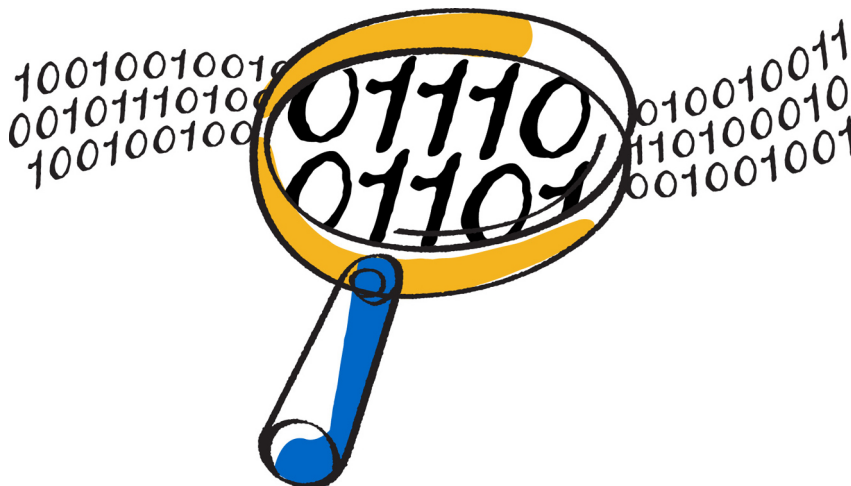




Clustered Data ONTAP® 8.2

Command Map for 7-Mode Administrators



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Part number: 215-07951_A0
May 2013

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Understanding the clustered Data ONTAP Command Map for 7-Mode Administrators

If you are moving from Data ONTAP running in 7-Mode to clustered Data ONTAP, you may find it handy to refer to this *command map*, which shows the clustered Data ONTAP equivalents of 7-Mode commands, options, and configuration files.

This chapter provides background information for the command map. The remaining chapters describe the map in detail:

- [How 7-Mode commands map to clustered Data ONTAP commands](#) on page 6
- [How 7-Mode options map to clustered Data ONTAP commands](#) on page 39
- [How 7-Mode configuration files map to clustered Data ONTAP commands](#) on page 57

Note: 7-Mode commands, options, and configuration files that do not have clustered Data ONTAP equivalents are not listed in this command map.

Understanding 7-Mode-compatible shortcut commands

Although the Data ONTAP command-line interface (CLI) was significantly reorganized for clustered 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 in the tables in this guide, and are shown in **boldface**. Shortcut versions that are not 7-Mode-compatible are listed next, followed by the full, long-form version of the commands. For example:

```
aggr add
aggr add-disks
storage aggregate add-disks
```

If no **boldface** shortcut is listed, a 7-Mode-compatible version is not available. Not all forms of any given command 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 lets you 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 will know a command is a nodeshell command if it has the (long) form:

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

When this guide shows a 7-Mode-compatible shortcut version of a nodeshell command, it assumes you are running the command from the nodeshell. To switch to the nodeshell, enter:

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

Other forms of the nodeshell command shown in this guide must be run from the clustershell.

- 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.

Where to go for more information

For more information, see these guides at the NetApp Support Site:

- For information about clustershell commands, see the *Clustered Data ONTAP Commands: Manual Page Reference*.
- For information about nodeshell commands, see the *Data ONTAP Commands: Manual Page Reference for 7-Mode, Volume 1*.
- For information about how to execute CLI commands, navigate CLI command directories, set values in the CLI, and use queries, patterns, and wildcards, see the *Clustered Data ONTAP System Administration Guide for Cluster Administrators*.

Related references

[How 7-Mode commands map to clustered Data ONTAP commands](#) on page 6

[How 7-Mode options map to clustered Data ONTAP commands](#) on page 39

[How 7-Mode configuration files map to clustered Data ONTAP commands](#) on page 57

How 7-Mode commands map to clustered Data ONTAP commands

You can use the tables below to determine the clustered Data ONTAP equivalents of 7-Mode commands, with the exception of the `options` command. The next chapter lists the clustered Data ONTAP equivalents of the 7-Mode `options` command.

For information about how the tables in this chapter are organized, see [Understanding the 7-Mode to clustered Data ONTAP command map](#) on page 4.

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A

7-Mode command	Clustered Data ONTAP command
acpadmin configure	acpadmin configure (from nodeshell) system node run -node {nodename local} acpadmin configure
acpadmin list_all	acpadmin list_all (from nodeshell) system node run -node {nodename local} acpadmin list_all
acpadmin stats	acpadmin stats (from nodeshell) system node run -node {nodename local} acpadmin stats

7-Mode command	Clustered Data ONTAP command
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
aggr media_scrub	aggr media_scrub (from nodeshell) system node run -node { <i>nodename</i> local} aggr media_scrub
aggr offline	aggr offline storage aggregate offline
aggr online	aggr online storage aggregate online
aggr options	aggr modify storage aggregate 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 (from nodeshell) system node run -node { <i>nodename</i> local} aggr show_space
aggr status	aggr show storage aggregate show
aggr verify	aggr verify (from nodeshell) system node run -node { <i>nodename</i> local} aggr verify
autosupport destinations	autosupport destinations system node autosupport destinations

7-Mode command	Clustered Data ONTAP command
autosupport history	autosupport history system node autosupport history
autosupport manifest	autosupport manifest system node autosupport manifest
autosupport trigger	autosupport trigger system node autosupport

B

7-Mode command	Clustered Data ONTAP command
backup status	backup status (from nodeshell) system node run -node { <i>nodename</i> local} backup status [<ID>]
backup terminate	backup terminate (from nodeshell) system node run -node { <i>nodename</i> local} backup terminate [<ID>]
bmc help	bmc help (from nodeshell) system node run -node { <i>nodename</i> local} bmc help
bmc reboot	bmc reboot (from nodeshell) system node run -node { <i>nodename</i> local} bmc reboot
bmc setup	bmc setup (from nodeshell) system node run -node { <i>nodename</i> local} bmc setup
bmc status	bmc status (from nodeshell) system node run -node { <i>nodename</i> local} bmc status
bmc test autosupport	bmc test autosupport (from nodeshell) system node run -node { <i>nodename</i> local} bmc test autosupport

C

7-Mode command	Clustered Data ONTAP command
cdpd show-neighbors	cdpd show-neighbors (from nodeshell) system node run -node { <i>nodename</i> local} cdpd show-neighbors

7-Mode command	Clustered Data ONTAP command
cdpd show-stats	cdpd show-stats (from nodeshell) system node run -node { <i>nodename</i> local} cdpd show-stats
cdpd zero stats	cdpd zero stats (from nodeshell) system node run -node { <i>nodename</i> local} cdpd zero-stats
cf disable	cf disable
cf enable	cf enable
cf forcegiveback	cf giveback -f system node run -node { <i>nodename</i> local} cf giveback -f
cf forcetakeover	cf forcetakeover
cf giveback	cf giveback
cf hw_assist	cf hwassist status storage failover hwassist show
cf monitor	cf monitor
cf partner	cf partner
cf status	cf status
cf takeover	cf takeover
cifs access	cifs access vserver cifs access
cifs branchcache	cifs branchcache
cifs changefilerpwd	cifs changefilerpwd vserver cifs changefilerpwd
cifs domaininfo	cifs domain discovered-servers show vserver cifs domain discovered-servers show
cifs gresult	cifs group-policy show-applied vserver cifs group-policy show-applied
cifs gpupdate	cifs group-policy update vserver cifs group-policy update
cifs homedir	cifs home-directory vserver cifs home-directory

7-Mode command	Clustered Data ONTAP command
cifs prefdc	cifs domain preferred-dc vserver cifs domain preferred-dc
cifs restart	cifs start
cifs sessions	network connections active show -service cifs-*
cifs setup	vserver setup OR vserver cifs create
cifs shares	cifs share vserver cifs share
cifs stat	statistics show -object cifs
cifs terminate	cifs stop
cifs testdc	vserver cifs domain discovered-servers
cifs resetdc	cifs domain discovered-servers reset-servers vserver cifs domain discovered-servers reset-servers
clone clear	volume file clone clear
clone start	volume <file> clone create
clone stop	volume file clone stop
clone status	volume <file> clone show
config dump	system configuration backup Note: Available at the advanced privilege level.
config restore	system configuration backup Note: Available at the advanced privilege level.
coredump	system node coredump

D

7-Mode command	Clustered Data ONTAP command
date	date
dcb show	dcb show (from nodeshell) system node run -node { <i>nodename</i> local} dcb show

7-Mode command	Clustered Data ONTAP command
dcb priority show	dcb priority show (from nodeshell) system node run -node { <i>nodename</i> local } dcb priority show
df	df
df [aggr name]	df [aggr name]
df [path name]	df [path name]
df -A	df -A
df -g	df -g
df -h	df -h
df -i	df -i
df -k	df -k
df -L	df -L
df -m	df -m
df -r	df -r
df -s	df -s
df -S	df -S
df -t	df -t
df -V	df -V
df -x	df -x
disk assign	disk assign storage disk assign
disk encrypt	disk encrypt (from nodeshell) system node run -node run { <i>nodename</i> local } disk encrypt
disk fail	disk fail storage disk fail
disk maint	disk maint {start abort status list } (from nodeshell) system node run -node { <i>nodename</i> local } disk maint {start abort status list }

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7-Mode command	Clustered Data ONTAP command
disk reassign	disk reassign storage disk reassign
disk remove	storage disk remove
disk replace	storage disk replace
disk sanitize	disk sanitize (from nodeshell) system node run -node { <i>nodename</i> local} disk sanitize
disk scrub	disk scrub (from nodeshell) system node run -node { <i>nodename</i> local} disk scrub
disk show	storage disk show
disk simpull	disk simpull (from nodeshell) system node run -node { <i>nodename</i> local} disk simpull
disk simpush	disk simpush (from nodeshell) system node run -node { <i>nodename</i> local} disk simpush
disk zero spares	storage disk zerospares
disk_fw_update	storage disk updatefirmware
dns info	dns show
download	system image update
du [path name]	du [path name]
du -h	du -h
du -k	du -k
du -m	du -m
du -r	du -r
du -u	du -u

E

7-Mode command	Clustered Data ONTAP command
echo	echo (from nodeshell) system node run -node { <i>nodename</i> local} echo

7-Mode command	Clustered Data ONTAP command
ems event status	event status show event status show -node { <i>nodename</i> local}
ems log dump value	event log show
environment status	environment status (from nodeshell) system node run -node { <i>nodename</i> local} environment status OR system node environment sensors show
environment shelf	environment shelf (from nodeshell) system node run -node { <i>nodename</i> local} environment shelf
environment shelf_log	environment shelf_log (from nodeshell) system node run -node { <i>nodename</i> local} environment shelf_log
environment shelf_stats	environment shelf_stats (from nodeshell) system node run -node { <i>nodename</i> local} environment shelf_stats
environment shelf_power_status	environment shelf_power_status (from nodeshell) system node run -node { <i>nodename</i> local} environment shelf_power_status
environment chassis	environment chassis (from nodeshell) system node run -node { <i>nodename</i> local} environment chassis
environment chassis list-sensors	system node run -node { <i>nodename</i> local} environment sensors show
exportfs	vserver export-policy

F

7-Mode command	Clustered Data ONTAP command
fcadmin config	fcadmin config (from nodeshell) system node run -node { <i>nodename</i> local} fcadmin config
fcadmin link_stats	fcadmin link_stats (from nodeshell) system node run -node { <i>nodename</i> local} fcadmin link_stats
fcadmin fcal_stats	fcadmin fcal_stats (from nodeshell) system node run -node { <i>nodename</i> local} fcadmin fcal_stats

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7-Mode command	Clustered Data ONTAP command
fcadmin device_map	fcadmin device_map (from nodeshell) system node run -node { <i>nodename</i> local} fcadmin device_map
fcpcfg	fcpcfg modify
fcpcnameserver	fcpcnameserver (from nodeshell) system node run -node { <i>nodename</i> local} fcpcnameserver
fcpcnodename	fcpcnodename vservers fcpcnodename
fcpcping	fcpcping (from nodeshell) system node run -node { <i>nodename</i> local} fcpcping
fcpcportname	fcpcportname vservers fcpcportname
fcpcshow	fcpcshow
fcpcstart	fcpcstart OR fcpc create OR fcpc modify
fcpcstats	statistics show -object fcpc*
fcpcstatus	fcpc show
fcpcstop	fcpcstop
fcpc topology	fcpc topology (from nodeshell) system node run -node { <i>nodename</i> local} fcpc topology
fcpc wwpn-alias	fcpc wwpn-alias
fcpc zone	fcpc zone (from nodeshell) system node run -node { <i>nodename</i> local} fcpc zone
fcpc dump	fcpc dump (from nodeshell) system node run -node { <i>nodename</i> local} fcpc dump
fcpc reset	fcpc reset (from nodeshell) system node run -node { <i>nodename</i> local} fcpc reset
fcpcstat link_stats	fcpcstat link_stats (from nodeshell) system node run -node { <i>nodename</i> local} fcpcstat link_stats

7-Mode command	Clustered Data ONTAP command
fcstat fcal_stats	fcstat fcal_stats (from nodeshell) system node run -node { <i>nodename</i> local} fcstat fcal_stats
fcstat device_map	fcstat device_map (from nodeshell) system node run -node { <i>nodename</i> local} fcstat device_map
file reservation	volume file reservation
flexcache	volume flexcache
fpolicy	fpolicy
fsecurity show	fsecurity show (from nodeshell) system node run -node { <i>nodename</i> local} fsecurity show

H

7-Mode command	Clustered Data ONTAP command
halt	halt -node { <i>nodename</i> local} system node halt -node { <i>nodename</i> local}
halt -f	halt -f true system node halt -f true
halt -d	halt -dump true system node halt -dump true
help	? Note: Type the question mark (?) symbol to execute this command in clustered Data ONTAP.
hostname	hostname

I

7-Mode command	Clustered Data ONTAP command
ifconfig -a	network interface show OR network port show
ifconfig alias	network interface create

7-Mode command	Clustered Data ONTAP command
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	ifgrp create network port ifgrp create
ifgrp add	ifgrp add-port network port ifgrp add-port
ifgrp delete	ifgrp remove-port network port ifgrp remove-port
ifgrp destroy	ifgrp delete network port ifgrp delete
ifgrp favor	ifgrp favor (from nodeshell) system node run -node { <i>nodename</i> local } ifgrp favor
ifgrp nofavor	ifgrp nofavor (from nodeshell) system node run -node { <i>nodename</i> local } ifgrp nofavor
ifgrp status	ifgrp status (from nodeshell) system node run -node { <i>nodename</i> local } ifgrp status
ifgrp stat	ifgrp stat (from nodeshell) system node run -node { <i>nodename</i> local } ifgrp stat
ifgrp show	ifgrp show
ifinfo	ifinfo (from nodeshell) system node run -node { <i>nodename</i> local } ifinfo
ifstat -a	ifstat -a (from nodeshell) system node run -node { <i>nodename</i> local } ifstat -a

7-Mode command	Clustered Data ONTAP command
ifstat -z	ifstat -z (from nodeshell) system node run -node { <i>nodename</i> local} ifstat -z
igroup add	igroup add lun igroup add
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
igroup show	igroup show lun igroup show
igroup set ostyle	igroup modify -ostype
igroup unbind	igroup unbind lun igroup unbind
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

7-Mode command	Clustered Data ONTAP command
iscsi interface	iscsi interface vserver iscsi interface
iscsi isns	iscsi isns vserver iscsi isns
iscsi nodename	iscsi nodename vserver iscsi nodename
iscsi portal	iscsi portal vserver iscsi portal
iscsi security	iscsi security vserver iscsi security
iscsi session	iscsi session vserver iscsi session
iscsi show	iscsi show vserver iscsi show
iscsi start	iscsi start vserver iscsi start
iscsi stats	statistics show -object iscsi
iscsi status	iscsi show vserver iscsi show
iscsi stop	iscsi stop vserver iscsi stop

K

7-Mode command	Clustered Data ONTAP command
key_manager	key_manager (from nodeshell) system node run -node { <i>nodename</i> local } key_manager
keymgr	keymgr (from nodeshell) system node run -node { <i>nodename</i> local } keymgr

L

7-Mode command	Clustered Data ONTAP command
license	license show system license show
license add	license add system license add
license delete	license delete system license delete
lock break	vserver locks break Note: Available at the advanced privilege level.
lock status	locks show vserver locks show
logger	logger (from nodeshell) system node run -node { <i>nodename</i> local} logger
logout	exit
lun clone	volume file clone create
lun comment	lun create -comment OR lun modify -comment
lun create	lun create OR vserver setup
lun destroy	lun delete
lun map	lun map (from nodeshell) system node run -node { <i>nodename</i> local} lun map
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 serial	lun show -serial OR lun modify -serial

7-Mode command	Clustered Data ONTAP command
lun set	lun modify
lun setup	vserver setup
lun show	lun show
lun stats	statistics show -object lun*
lun unmap	lun unmap

M

7-Mode command	Clustered Data ONTAP command
man	man (from nodeshell) system node run -node {nodename local} man
maxfiles	vol modify -maxfiles OR vol show -files maxfiles
mt -f	mt -f (from nodeshell) system node run -node {nodename local} mt -f
mt -t	mt -t (from nodeshell) system node run -node {nodename local} mt -t

N

7-Mode command	Clustered Data ONTAP command
nbtstat	cifs nbtstat vserver cifs nbtstat
ndmpcopy	ndmpcopy (from nodeshell) system node run -node {nodename local} ndmpcopy
ndmpd on	ndmpd on system services ndmpd on
ndmpd off	ndmpd off system services ndmpd off

7-Mode command	Clustered Data ONTAP command
ndmpd status	ndmpd status system services ndmpd status
ndmpd probe	ndmpd probe system services ndmpd probe
ndmpd kill	ndmpd kill system services ndmpd kill
ndmpd killall	system services ndmp kill-all
ndmpd password	ndmpd password system services ndmpd password
ndmpd version	ndmpd version system services ndmpd version
ndp	ndp (from nodeshell) system node run -node { <i>nodename</i> local} keymgr
netstat -anMB	netstat -anMB (from nodeshell) system node run -node { <i>nodename</i> local} netstat -anMB
netstat -idn	netstat -idn (from nodeshell) system node run -node { <i>nodename</i> local} netstat -idn
netstat -m	netstat -m (from nodeshell) system node run -node { <i>nodename</i> local} netstat -m
netstat -p	netstat -p (from nodeshell) system node run -node { <i>nodename</i> local} netstat -p
netstat -r	netstat -r (from nodeshell) system node run -node { <i>nodename</i> local} netstat -r
netstat -rsn	netstat -rsn (from nodeshell) system node run -node { <i>nodename</i> local} netstat -rsn
netstat -s	netstat -s (from nodeshell) system node run -node { <i>nodename</i> local} netstat -s
netstat -T	netstat -T (from nodeshell) system node run -node { <i>nodename</i> local} netstat -T

7-Mode command	Clustered Data ONTAP command
netstat -w	netstat -w (from nodeshell) system node run -node { <i>nodename</i> local} netstat -w
netstat -x	netstat -x (from nodeshell) system node run -node { <i>nodename</i> local} netstat -x
netstat -f	netstat -f wide normal (from nodeshell) system node run -node { <i>nodename</i> local} netstat -f wide normal
nfs off	vserver nfs off OR vserver nfs stop
nfs on	vserver nfs on OR vserver nfs start
nfs setup	vserver nfs create OR vserver setup
nfs stat	statistics show -object nfs*
nfs status	vserver nfs status
nfs vstorage	nfs modify -vstorage
nfsstat	statistics show -object nfs*

O

7-Mode command	Clustered Data ONTAP command
orouted	network interface routing-groups

P

7-Mode command	Clustered Data ONTAP command
passwd	security login password
ping {host}	network ping -node { <i>nodename</i> } {host} -destination
ping {count}	network ping -node { <i>nodename</i> } {host} -count
ping -l interface	network ping -lif

7-Mode command	Clustered Data ONTAP command
ping -v	network ping -node { <i>nodename</i> } {host} -v
ping -s	network ping -node { <i>nodename</i> } {host}
ping -R	network ping -node { <i>nodename</i> } {host} -R
pktt delete	pktt delete (from nodeshell) system node run -node { <i>nodename</i> local } pktt delete
pktt dump	pktt dump (from nodeshell) system node run -node { <i>nodename</i> local } pktt dump
pktt list	pktt list (from nodeshell) system node run -node { <i>nodename</i> local } pktt list
pktt pause	pktt pause (from nodeshell) system node run -node { <i>nodename</i> local } pktt pause
pktt start	pktt start (from nodeshell) system node run -node { <i>nodename</i> local } pktt start
pktt status	pktt status (from nodeshell) system node run -node { <i>nodename</i> local } pktt status
pktt stop	pktt stop (from nodeshell) system node run -node { <i>nodename</i> 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
portset show	portset show lun portset show
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
quota disallow	quota modify -state volume quota modify -state
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	quota show -logmsg

R

7-Mode command	Clustered Data ONTAP command
rdfile	rdfile (from nodeshell) system node run -node { <i>nodename</i> local } rdfile
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 -node { <i>nodename</i> local }
reboot -d	system node reboot -dump true -node { <i>nodename</i> local }
reboot -f	reboot -inhibit-takeover true -node { <i>nodename</i> local }
restore	restore (from nodeshell) system node run -node { <i>nodename</i> local } restore
restore_backup	restore_backup (from nodeshell) system node run -node { <i>nodename</i> local } restore_backup
revert_to	node revert-to OR node run { <i>nodename</i> local } revert_to
rlm help	rlm help (from nodeshell) system node run -node { <i>nodename</i> local } rlm help
rlm reboot	rlm reboot (from nodeshell) system node run -node { <i>nodename</i> local } rlm reboot

7-Mode command	Clustered Data ONTAP command
rlm setup	rlm setup (from nodeshell) system node run -node { <i>nodename</i> local } rlm setup
rlm status	rlm status (from nodeshell) system node run -node { <i>nodename</i> local } rlm status
rlm test	rlm test (from nodeshell) system node run -node { <i>nodename</i> local } rlm test
rlm test autosupport	rlm test autosupport (from nodeshell) system node run -node { <i>nodename</i> local } rlm test autosupport
rlm test snmp	rlm test snmp (from nodeshell) system noderun -node { <i>nodename</i> local } rlm test snmp
rlm update	rlm update (from nodeshell) system node run -node { <i>nodename</i> local } rlm update
rlm update-status	rlm update-status (from nodeshell) system node run -node { <i>nodename</i> local } rlm update-status
route add	network routing-groups route create
route delete	network routing-groups route delete
route -s	network routing-groups route show

S

7-Mode command	Clustered Data ONTAP command
sasadmin adapter_state	sasadmin adapter_state (from nodeshell) system node run -node { <i>nodename</i> local } sasadmin adapter_state
sasadmin channels	sasadmin channels (from nodeshell) system node run -node { <i>nodename</i> local } sasadmin channels
sasadmin dev_stats	sasadmin dev_stats (from nodeshell) system node run -node { <i>nodename</i> local } sasadmin dev_stats
sasadmin expander	sasadmin expander (from nodeshell) system node run -node { <i>nodename</i> local } sasadmin expander

7-Mode command	Clustered Data ONTAP command
sasadmin expander_map	sasadmin expander_map (from nodeshell) system node run -node { <i>nodename</i> local } sasadmin expander_map
sasadmin expander_phy_state	sasadmin expander_phy_state (from nodeshell) system node run -node { <i>nodename</i> local } sasadmin expander_phy_state
sasadmin shelf	sasadmin shelf (from nodeshell) system node run -node { <i>nodename</i> local } sasadmin shelf
sasstat dev_stats	sasstat dev_stats (from nodeshell) system node run -node { <i>nodename</i> local } sasstat dev_stats
sasstat adapter_state	sasstat adapter_state (from nodeshell) system node run -node { <i>nodename</i> local } sasstat adapter_state
sasstat expander	sasstat expander (from nodeshell) system node run -node { <i>nodename</i> local } sasstat expander
sasstat expander_map	sasstat expander_map (from nodeshell) system node run -node { <i>nodename</i> local } sasstat expander_map
sasstat expander_phy_state	sasstat expander_phy_state (from nodeshell) system node run -node { <i>nodename</i> local } sasstat expander_phy_state
sasstat shelf	sasstat shelf (from nodeshell) system node run -node { <i>nodename</i> local } sasstat shelf
savecore	coredump save-all system node coredump save-all OR coredump save system node coredump save
savecore -i	coredump config show system node coredump config show
savecore -l	coredump show -instance system node coredump show -instance
savecore -s	coredump show -instance system node coredump show -instance
savecore -k	coredump delete-all -type unsaved-kernel
sectrace add	vserver security trace create

7-Mode command	Clustered Data ONTAP command
sectrace delete	vserver security trace delete
sectrace show	vserver security trace filter show
sectrace print-status	vserver security trace trace-result show
secureadmin addcert ssl	security certificate
secureadmin disable ssh	security login modify
secureadmin disable ssl	security ssl modify
secureadmin enable ssl	security ssl modify
secureadmin setup ssh	security login create
secureadmin setup ssl	security ssl modify
secureadmin enable ssh	security login modify
secureadmin status ssh	security login show
secureadmin status ssl	security ssl show
setup	cluster setup OR vserver setup
shelfchk	system health system-connectivity shelf show OR system health node-connectivity shelf
sis config	sis modify
sis off	sis off
sis on	sis on
sis revert_to	sis revert_to
sis start	sis start
sis status	sis status
sis stop	sis stop
smtape	system smtape
snap autodelete	snap autodelete volume snapshot autodelete
snap create	snap create volume snapshot create

7-Mode command	Clustered Data ONTAP command
snap delete	snap delete volume snapshot delete
snap delta	snap delta (from nodeshell) system node run -node { <i>nodename</i> local } snap delta
snap list	snap show volume snapshot show
snap rename	snap rename volume snapshot rename
snap reserve	snap reserve (from nodeshell) system node run -node { <i>nodename</i> local } snap reserve
snap restore	snap restore volume snapshot restore Note: Available at the advanced privilege level.
snap sched	snap policy show volume snapshot policy show
snapmirror abort	snapmirror abort
snapmirror break	snapmirror break
snapmirror initialize	snapmirror initialize
snapmirror migrate	snapmirror promote
snapmirror quiesce	snapmirror quiesce
snapmirror release	snapmirror release
snapmirror resume	snapmirror resume
snapmirror resync	snapmirror resync
snapmirror status	snapmirror show
snapmirror throttle	snapmirror modify -throttle
snapmirror update	snapmirror update
snmp authtrap	snmp authtrap
snmp community	snmp community
snmp contact	snmp contact

7-Mode command	Clustered Data ONTAP command
snmp init	snmp init
snmp location	snmp location
snmp traphost	snmp traphost
snmp traps	event route show -snmp-support OR event route modify -snmp-support
software delete	image package delete system node image package delete
software get	image get system node image get
software install	image update system node image update
software list	image package show system node image package show
software update	image update system node image update
sp reboot	service-processor reboot-sp
sp setup	sp setup (from nodeshell) system node run -node { <i>nodename</i> local} sp setup OR system node service-processor modify
sp status	service-processor show (from nodeshell) system node run -node { <i>nodename</i> local} service-processor show
sp test autosupport	service-processor test-autosupport (from nodeshell) system node run -node { <i>nodename</i> local} service-processor test-autosupport
sp update	service-processor image update system node service-processor image update
sp update-status	service-processor image update-progress system node service-processor image update-progress
stats catalog	storage failover hwassist statistics catalog
stats explain	statistics show -fields description

7-Mode command	Clustered Data ONTAP command
stats list	statistics show -object <tab>
stats samples	statistics samples storage failover hwassist stats samples
stats show	statistics show
stats start	statistics start
stats stop	statistics stop
storage alias	system node run -node { <i>nodename</i> local } storage alias
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-ports	storage array port show
storage disable adapter	system node run -node { <i>nodename</i> local } storage disable adapter
storage download acp	system node run -node { <i>nodename</i> local } storage download acp
storage download shelf	storage firmware download Note: Available at the advanced privilege level.
storage enable adapter	system node run -node { <i>nodename</i> local } storage enable adapter
storage load balance	storage load balance
storage load show	storage load show
storage show acp	storage show acp (from nodeshell) system node run -node { <i>nodename</i> local } storage show acp
storage show adapter	storage show adapter (from nodeshell) system node run -node { <i>nodename</i> local } storage show adapter

7-Mode command	Clustered Data ONTAP command
storage show bridge	storage show bridge (from nodeshell) system node run -node { <i>nodename</i> local } storage show bridge
storage show disk	storage disk show
storage show expander	storage show expander (from nodeshell) system node run -node { <i>nodename</i> local } storage show expander
storage show fabric	storage show fabric (from nodeshell) system node run -node { <i>nodename</i> local } storage show fabric
storage show fault	storage errors show
storage show hub	storage show hub (from nodeshell) system node run -node { <i>nodename</i> local } storage show hub
storage show initiators	storage show initiators (from nodeshell) system node run -node { <i>nodename</i> local } storage show initiators
storage show mc	storage show mc OR hardware tape library show
storage show port	storage show port (from nodeshell) system node run -node { <i>nodename</i> local } storage show port
storage show shelf	storage show shelf (from nodeshell) system node run -node { <i>nodename</i> local } storage show shelf
storage show switch	storage show switch (from nodeshell) system node run -node { <i>nodename</i> local } storage show switch
storage show tape	storage show tape system node run -node { <i>nodename</i> local } storage show tape OR
storage stats tape	storage stats tape (from nodeshell) system node run -node { <i>nodename</i> local } storage stats tape
storage stats tape zero	storage stats tape zero (from nodeshell) system node run -node { <i>nodename</i> local } storage stats tape zero
storage unalias	storage unalias (from nodeshell) system node run -node { <i>nodename</i> local } storage unalias
sysconfig -a	sysconfig -a (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -a

7-Mode command	Clustered Data ONTAP command
sysconfig -A	sysconfig -A (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -A
sysconfig -c	sysconfig -c (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -c
sysconfig -d	sysconfig -d (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -d
sysconfig -h	sysconfig -h (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -h
sysconfig -m	sysconfig -m (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -m
sysconfig -p	sysconfig -p system node run -node { <i>nodename</i> local } sysconfig -p
sysconfig -r	sysconfig -r (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -r
sysconfig -t	sysconfig -t (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -t
sysconfig -v	sysconfig -v (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -V
sysconfig -V	sysconfig -V (from nodeshell) system node run -node { <i>nodename</i> local } sysconfig -V
sysstat -b	sysstat -b (from nodeshell) system node run -node { <i>nodename</i> local } sysstat -b
sysstat -c	statistics show-periodic -iterations
sysstat -d	sysstat -d (from nodeshell) system node run -node { <i>nodename</i> local } sysstat -d
sysstat -f	sysstat -f (from nodeshell) system node run -node { <i>nodename</i> local } sysstat -f
sysstat -i	sysstat -i (from nodeshell) system node run -node { <i>nodename</i> local } sysstat -i

7-Mode command	Clustered Data ONTAP command
sysstat -m	sysstat -m (from nodeshell) system node run -node { <i>nodename</i> local } sysstat -m
sysstat -s	statistics show-periodic -summary true
sysstat -u	sysstat -u (from nodeshell) system node run -node { <i>nodename</i> local } sysstat -u
sysstat -x	sysstat -x (from nodeshell) system node run -node { <i>nodename</i> local } sysstat -x
system health alert	system health alert
system health autosupport	system health autosupport
system health config	system health config
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 { <i>nodename</i> local } { dest } -m
traceroute -n	traceroute -n network traceroute -node { <i>nodename</i> local } { dest } -n
traceroute -p	traceroute -p network traceroute -node { <i>nodename</i> local } { dest } -p
traceroute -q	traceroute -q network traceroute -node { <i>nodename</i> local } { dest } -q

7-Mode command	Clustered Data ONTAP command
traceroute -s	traceroute -s network traceroute -node { <i>nodename</i> local} {dest} -lif
traceroute -v	traceroute -v network traceroute -node { <i>nodename</i> local} {dest} -v
traceroute -w	traceroute -w network traceroute -node { <i>nodename</i> local} {dest} -w
treemigrate	volume move

U

7-Mode command	Clustered Data ONTAP command
uptime	node show -node { <i>nodename</i> local} -fields uptime
useradmin domainuser add	security login create
useradmin domainuser delete	security login delete
useradmin domainuser list	security login show
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 OR security login role modify
useradmin role delete	security login role delete
useradmin role list	security login role show
useradmin role modify	security login role modify

7-Mode command	Clustered Data ONTAP command
useradmin user add	security login create
useradmin user delete	security login delete
useradmin user list	security login show
useradmin user modify	security login modify OR security login create

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 add	vserver create
vfiler context	vserver context
vfiler create	vserver create
vfiler destroy	vserver delete
vfiler remove	vserver delete
vfiler rename	vserver rename
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

7-Mode command	Clustered Data ONTAP command
vlan stat	vlan stat (from nodeshell) system node run -node { <i>nodename</i> local } -command vlan stat
vmervices	vmervices (from nodeshell) system node run -node { <i>nodename</i> local } vmervices
vol autosize	volume autosize
vol clone	volume clone
vol clone split	volume clone split
vol container	volume show -vserver { <i>nodename</i> local } -fields aggregate
vol copy	volume copy
vol create	volume create
vol destroy	volume delete
vol move	volume move
vol offline	volume offline
vol online	volume online
vol options	volume show -instance OR volume modify
vol rename	volume rename
vol restrict	volume restrict
vol size	volume size
vol status	volume show
vscan	antivirus

W

7-Mode command	Clustered Data ONTAP command
wcc	secd authentication show-creds
wrfile	wrfile (from nodeshell) system node run -node { <i>nodename</i> local } wrfile

Related concepts

[Understanding the clustered Data ONTAP Command Map for 7-Mode Administrators](#) on page 4

Related references

[How 7-Mode options map to clustered Data ONTAP commands](#) on page 39

[How 7-Mode configuration files map to clustered Data ONTAP commands](#) on page 57

How 7-Mode options map to clustered Data ONTAP commands

In Data ONTAP operating in 7-Mode, you execute the `options` command to set configurable storage system software options. In clustered Data ONTAP, you use command parameters to set these options. The tables below show how 7-Mode commands map to clustered Data 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 would be:

```
options acp.domain
```

For information about how the tables in this chapter are organized, see [Understanding the 7-Mode to clustered Data ONTAP command mapping](#) on page 4.

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A

7-Mode option	Clustered Data ONTAP command
acp.domain	options acp.domain (from nodeshell) system node run -node { <i>nodename</i> local} options acp.domain
acp.enabled	options acp.enabled (from nodeshell) system node run -node { <i>nodename</i> local} options acp.enabled
acp.netmask	options acp.netmask (from nodeshell) system node run -node { <i>nodename</i> local} options acp.netmask
acp.port	options acp.port (from nodeshell) system node run -node { <i>nodename</i> local} options acp.port
auditlog.enable	security audit
auditlog.readonly_api.enable	security audit
autologout.console.enable	timeout modify -timeout system timeout modify -timeout
autologout.console.timeout	timeout modify -timeout system timeout modify -timeout
autosupport.content	autosupport modify -remove -private -data system autosupport modify -remove -private -data
autosupport.doit	options autosupport.doit
autosupport.enable	autosupport modify -enable system node autosupport modify -enable
autosupport.from	autosupport modify -from system node autosupport modify -from
autosupport.local_collection	autosupport modify -local-collection system node autosupport modify -local-collection
autosupport.mailhost	autosupport modify -mailhost system node autosupport modify -mailhost

7-Mode option	Clustered Data ONTAP command
autosupport.max_http_size	autosupport modify -max-http-size system node autosupport modify -max-http-size
autosupport.max_smtp_size	autosupport modify -max-smtp-size system node autosupport modify -max-smtp-size
autosupport.minimal.subject.id	autosupport modify -hostname-subj system node autosupport modify -hostname-subj
autosupport.nht_data.enable	autosupport modify -nht system node autosupport modify -nht
autosupport.noteto	autosupport modify -noteto system node autosupport modify -noteto
autosupport.partner.to	autosupport modify -partner-address system node autosupport modify -partner-address
autosupport.performance_data.doit	autosupport trigger -type perf system node autosupport trigger -type perf
autosupport.performance_data.enable	autosupport modify -perf system node autosupport modify -perf
autosupport.periodic.tx_window	autosupport modify -periodic-tx-window system node autosupport modify -periodic-tx-window
autosupport.retry.count	autosupport modify -retry-count system node autosupport modify -retry-count
autosupport.retry.interval	autosupport modify -retry-interval system node autosupport modify -retry-interval
autosupport.support.enable	autosupport modify -support system node autosupport modify -support
autosupport.support.proxy	autosupport modify -proxy-url system node autosupport modify -proxy-url
autosupport.support.transport	autosupport modify -transport system node autosupport modify -transport
autosupport.to	autosupport modify -to (from nodeshell) system node autosupport modify -to

7-Mode option	Clustered Data ONTAP command
autosupport.validate_digital_certificate	autosupport modify -validate-digital-certificate system node autosupport modify -validate-digital-certificate

B

7-Mode option	Clustered Data ONTAP command
backup.log.enable	options backup.log.enable

C

7-Mode option	Clustered Data ONTAP command
cdpd.enable	options cdpd.enable (from nodeshell) system node run -node { <i>nodename</i> local} options cdpd.enable
cdpd.holdtime	options cdpd.holdtime (from nodeshell) system node run -node { <i>nodename</i> local} options cdpd.holdtime
cdpd.interval	options cdpd.interval (from nodeshell) system node run -node { <i>nodename</i> local} options cdpd.interval
cf.giveback.auto.after.panic.takeover	storage failover modify -auto-giveback-after-panic
cf.giveback.auto.delay.seconds	storage failover modify -delay-seconds
cf.giveback.auto.enable	storage failover modify -auto-giveback
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.takeover.detection.seconds	storage failover modify -detection-time

7-Mode option	Clustered Data ONTAP command
cf.takeover.on_failure	storage failover modify -node { <i>nodename</i> local} -onfailure Note: Available at the advanced privilege level.
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.audit.autosave.file.limit	vserver audit modify -rotate-limit
cifs.audit.enable	vserver cifs audit start/stop
cifs.audit.nfs.enable	vserver audit modify -state on
cifs.audit.saveas	vserver audit modify -destination <target-dir>
cifs.enable_share_browsing	vserver cifs share
cifs.gpo.enable	vserver cifs group-policy
cifs.grant_implicit_exe_perms	vserver cifs options modify -read-grants-exec
cifs.home_dir_namestyle	vserver cifs share create
cifs.home_dirs_public_for_admin	vserver cifs share access-control modify
cifs.max_mpx	vserver cifs options modify -max-mpx Note: Available at the advanced privilege level.
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 modify -share-properties
cifs.show_snapshot	vserver cifs share modify -share-properties
cifs.signing.enable	vserver cifs security modify -is-signing-required
cifs.smb2.enable	vserver cifs options modify -smb2-enabled Note: Available at the advanced privilege level.
cifs.symlinks.enable	vserver cifs share modify -symlink-properties
coredump.dump.attempts	system node coredump config modify -coredump-attempts

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.maint_center.allowed_entries	options disk.maint_center.allowed_entries (from nodeshell) system node run -node { <i>nodename</i> local} options disk.maint_center.allowed_entries
disk.maint_center.enable	options disk.maint_center.enable (from nodeshell) system node run -node { <i>nodename</i> local} options disk.maint_center.enable
disk.maint_center.max_disks	options disk.maint_center.max_disks (from nodeshell) system node run -node { <i>nodename</i> local} options disk.maint_center.max_disks
disk.maint_center.rec_allowed_entries	options disk.maint_center.rec_allowed_entries (from nodeshell) system node run -node { <i>nodename</i> local} options disk.maint_center.rec_allowed_entries
disk.maint_center.spares_check	options disk.maint_center.spares_check (from nodeshell) system node run -node { <i>nodename</i> local} options disk.maint_center.spares_check
disk.powercycle.enable	options disk.powercycle.enable (from nodeshell) system node run -node { <i>nodename</i> local} options disk.powercycle.enable
disk.recovery_needed.count	options disk.recovery_needed (from nodeshell) system node run -node { <i>nodename</i> local} options disk.recovery_needed
dns.domainname	vserver services dns modify -domains
dns.enable	vserver services dns modify -state

E

7-Mode option	Clustered Data ONTAP command
ems.autosuppress.enable	event config modify -throttle

F

7-Mode option	Clustered Data ONTAP command
fcg.enable	fcg start
flexcache.access	vserver export-policy rule modify rule -protocol flexcache
flexcache.enable	vserver export-policy rule modify rule -protocol flexcache
flexscale.enable	options flexscale.enable (from nodeshell) system node run -node { <i>nodename</i> local } options flexscale.enable
flexscale.lopri_blocks	options flexscale.lopri_blocks (from nodeshell) system node run -node { <i>nodename</i> local } options flexscale.lopri_blocks
flexscale.normal_data_blocks	options flexscale.normal_data_blocks (from nodeshell) system node run -node { <i>nodename</i> local } options flexscale.normal_data_blocks
flexscale.pcs_high_res	options flexscale.pcs_high_res (from nodeshell) system node run -node { <i>nodename</i> local } options flexscale.pcs_high_res
flexscale.pcs_size	options flexscale.pcs_size (from nodeshell) system node run -node { <i>nodename</i> local } options flexscale.pcs_size
flexscale.rewarm	options flexscale.rewarm (from nodeshell) system node run -node { <i>nodename</i> local } options flexscale.rewarm
fpolicy.enable	vserver fpolicy enable

H

7-Mode option	Clustered Data ONTAP command
httpd.admin.access	vserver services web -enabled
httpd.admin.enable	vserver services web -enabled OR system services web modify -external
httpd.admin.ssl.enable	system services web OR vserver services web

I

7-Mode option	Clustered Data ONTAP command
interface.blocked.cifs	network interface create -data-protocol
interface.blocked.iscsi	network interface create -data-protocol OR network interface modify -firewall-policy
interface.blocked.mgmt_data_traffic	network interface modify -firewall-policy
interface.blocked.ndmp	network interface modify -firewall-policy
interface.blocked.nfs	network interface create -data-protocol
interface.blocked.snapmirror	network interface create -role
ip.fastpath.enable	options ip.fastpath.enable (from nodeshell) system node run -node { <i>nodename</i> local} options ip.fastpath.enable
ip.path_mtu_discovery.enable	options ip.path_mtu_discovery.enable (from nodeshell) system node run -node { <i>nodename</i> local} options ip.path_mtu_discovery.enable
ip.ping_throttle.alarm_interval	options ip.ping_throttle.alarm_interval (from nodeshell) system node run -node { <i>nodename</i> local} options ip.ping_throttle.alarm_interval
ip.ping_throttle.drop_level	options ip.ping_throttle.drop_level (from nodeshell) system node run -node { <i>nodename</i> local} options ip.ping_throttle.drop.level

7-Mode option	Clustered Data ONTAP command
ip.tcp.abc.enable	options ip.tcp.abc.enable (from nodeshell) system node run -node { <i>nodename</i> local} options ip.tcp.abc.enable
ip.tcp.abc.l_limit	options ip.tcp.abc.l_limit (from nodeshell) system node run -node { <i>nodename</i> local} options ip.tcp.abc.l_limit
ip.tcp.batching.enable	options ip.tcp.batching.enable (from nodeshell) system node run -node { <i>nodename</i> local} options ip.tcp.batching.enable
ip.tcp.newreno.enable	options ip.tcp.newreno.enable (from nodeshell) system node run -node { <i>nodename</i> local} options ip.tcp.newreno.enable
ip.tcp.rfc3390.enable	options ip.tcp.rfc3390.enable (from nodeshell) system node run -node { <i>nodename</i> local} options ip.tcp.rfc3390.enable
ip.tcp.sack.enable	options ip.tcp.sack.enable (from nodeshell) system node run -node { <i>nodename</i> local} options ip.tcp.sack.enable
ip.v6.enable	network options ipv6 modify
iscsi.enable	vserver iscsi start
iscsi.max_connections_per_session	vserver iscsi modify -max-conn-per-session Note: Available at the advanced privilege level.
iscsi.max_error_recovery_level	vserver iscsi modify -max-error-recovery-level Note: Available at the advanced privilege level.

L

7-Mode option	Clustered Data ONTAP command
ldap.ADdomain	vserver services ldap client modify -ad-domain
ldap.base	vserver services ldap client modify -base-dn OR vserver services ldap client modify -base-scope

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

7-Mode option	Clustered Data ONTAP command
ldap.nssmap.attribute.memberUid	vserver services ldap client schema modify -member-uid-attribute Note: Available at the advanced privilege level.
ldap.nssmap.attribute.netgroupname	vserver services ldap client schema modify -cn-netgroup-attribute Note: Available at the advanced privilege level.
ldap.nssmap.attribute.nisNetgroupTriple	vserver services ldap client schema modify -nis-netgroup-triple-attribute Note: Available at the advanced privilege level.
ldap.nssmap.attribute.uid	vserver services ldap client schema modify -uid-attribute Note: Available at the advanced privilege level.
ldap.nssmap.attribute.uidNumber	vserver services ldap client schema modify -uid-number-attribute Note: Available at the advanced privilege level.
ldap.nssmap.attribute.userPassword	vserver services ldap client schema modify -user-password-attribute Note: Available at the advanced privilege level.
ldap.nssmap.objectClass.nisNetgroup	vserver services ldap client schema modify -nis-netgroup-object-class Note: Available at the advanced privilege level.
ldap.nssmap.objectClass.posixAccount	vserver services ldap client schema modify -posix-account-object-class Note: Available at the advanced privilege level.
ldap.nssmap.objectClass.posixGroup	vserver services ldap client schema modify -posix-group-object-class Note: Available at the advanced privilege level.
ldap.passwd	vserver services ldap client modify -bind-password
ldap.port	vserver services ldap client modify -port
ldap.servers	vserver services ldap client modify -servers

7-Mode option	Clustered Data ONTAP command
ldap.servers.preferred	vserver services ldap client modify -preferred-ad-servers
ldap.timeout	vserver services ldap client modify -query-timeout
ldap.usermap.attribute.unixaccount	vserver services ldap client schema modify -unix-account-attribute Note: Available at the advanced privilege level.
ldap.usermap.attribute.windowsaccount	vserver services ldap client schema modify -windows-account-attribute Note: Available at the advanced privilege level.
ldap.usermap.base	vserver services ldap client modify -user-dn OR vserver services ldap client modify -user-scope Note: Available at the advanced privilege level.
ldap.usermap.enable	vserver modify -nm-switch
licensed_feature.fcp.enable	license add
licensed_feature.iscsi.enable	license add
locking.grace_lease_seconds	vserver nfs modify -v4-grace-seconds Note: Available at the advanced privilege level.

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
ndmpd.authtype	system services ndmpd modify -clear-text
ndmpd.connectlog.enabled	options ndmpd.debug.enable OR options ndmpd.dump.detailed_stats Note: Available at the advanced privilege level.
ndmpd.data_port_range	options ndmpd.data_port_range
ndmpd.enable	system services ndmpd modify -enable

7-Mode option	Clustered Data ONTAP command
ndmpd.ignore_ctime.enabled	options ndmpd.ignore_ctime.enabled
ndmpd.maxversion	system services ndmp version -maxversion
ndmpd.offset_map.enable	options ndmpd.offset_map.enable
ndmpd.preferred_interface	vserver services ndmp modify -vserver <name> -preferred-interface-role
ndmpd.tcpcnodelay.enable	options ndmpd.tcpcnodelay.enable
ndmpd.tcpcwsize	options ndmpd.tcpcwsize
nfs.kerberos.enable	vserver services Kerberos-realm create OR vserver nfs kerberos-config modify
nfs.kerberos.file_keytab.enable	vserver services Kerberos-realm create OR vserver nfs kerberos-config modify
nfs.kerberos.file_keytab.principal	vserver services Kerberos-realm create OR vserver nfs kerberos-config modify
nfs.kerberos.file_keytab.realm	vserver services Kerberos-realm create OR vserver nfs kerberos-config modify
nfs.mount_rootonly	vserver nfs modify -mount-rootonly
nfs.per_client_stats.enable	statistics settings modify -client stats
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.

7-Mode option	Clustered Data ONTAP command
nfs.udp.enable	vserver nfs modify -udp
nfs.udp.xfersize	vserver nfs modify -udp-max-xfer-size
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.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
nis.domainname	nis modify -domain vserver services nis-domain modify -domain
nis.enable	nis modify -active vserver services nis-domain modify -active
nis.servers	nis modify -servers

R

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

7-Mode option	Clustered Data ONTAP command
raid.background_disk_fw_update.enable	storage raid-options modify - raid.background_disk_fw_update.enable
raid.disk.copy.auto.enable	storage raid-options modify - raid.disk.copy.auto.enable
raid.disk.timeout.enable	options raid.disk.timeout.enable (from nodeshell) system node run -node { <i>nodename</i> local} options raid.disk.timeout.enable
raid.disktype.enable	storage raid-options modify - raid.disktype.enable
raid.lost_write.enable	raid-options modify raid.lost_write.enable Note: Available at the advanced privilege level.
raid.media_scrub.rate	storage raid-options modify -raid.media_scrub.rate
raid.min_spare_count	storage raid-options modify -raid.min_spare_count

7-Mode option	Clustered Data ONTAP command
raid.mirror_read_plex_pref	storage raid-options modify -raid.mirror_read_plex_pref
raid.reconstruct.perf_impact	storage raid-options modify -raid.reconstruct.perf_impact
raid.resync.perf_impact	storage raid-options modify -raid.resync.perf_impact
raid.scrub.duration	storage raid-options modify -raid.scrub.duration
raid.scrub.perf_impact	storage raid-options modify -raid.scrub.perf_impact
raid.scrub.schedule	storage raid-options modify -raid.scrub.schedule
raid.timeout	storage raid-options modify -raid.timeout
raid.verify.perf_impact	storage raid-options modify -raid.verify.perf_impact
replication.throttle.enable	snapmirror modify -throttle
rquotad.enable	nfs modify -rquota
rsh.access	firewall policy create -policy mgmt -service rsh -action allow -ip-list
rsh.enable	firewall policy create -policy mgmt -service rsh -action allow -ip-list

S

7-Mode option	Clustered Data ONTAP command
security.admin.authentication	security login modify
security.admin.nsswitchgroup	security login modify
security.passwd.firstlogin.enable	security login role config modify
security.passwd.lockout.numtries	security login role config modify
security.passwd.rootaccess.enable	security login modify
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
security.passwd.rules.minimum	security login role config modify

7-Mode option	Clustered Data ONTAP command
security.passwd.rules.minimum.alphabetic	security login role config modify
security.passwd.rules.minimum.digit	security login role config modify
security.passwd.rules.minimum.symbol	security login role config modify
shelf.atfcx.auto.reset.enable	options shelf.atfcx.auto.reset.enable (from nodeshell) system node run -node { <i>nodename</i> local } options shelf.atfcx.auto.reset.enable
shelf.esh4.auto.reset.enable	options shelf.esh4.auto.reset.enable (from nodeshell) system node run -node { <i>nodename</i> local } options shelf.esh4.auto.reset.enable
shelf.fw.ndu.enable	options shelf.fw.ndu.enable (from nodeshell) system node run -node { <i>nodename</i> local } options shelf.fw.ndu.enable
snapmirror.access	snapmirror create vsriver peer
snapvault.access	snapmirror policy
snapvault.preservesnap	snapmirror policy
snapvault.snapshot_for_dr_backup	snapmirror policy
snmp.access	system services firewall policy modify OR network interface modify
snmp.enable	options snmp.enable
ssh.access	security login modify
ssh.enable	firewall policy create -policy <policy name> -service ssh -action <allow/deny> -ip-list Note: This command has to be run per firewall policy where ssh has to be enabled/disabled. There is no one command for the entire cluster. Allow takes precedence over deny.
ssh.pubkey_auth.enable	security login modify -authmethod publickey
ssl.enable	security ssl modify -enabled

T

7-Mode option	Clustered Data ONTAP command
tape.reservations	options tape.reservations
telnet.access	firewall policy create -policy mgmt -service telnet -action allow -ip-list
telnet.enable	firewall policy create -policy mgmt -service telnet -action allow -ip-list
timed.enable	system services ntp config modify -enabled
timed.proto	system services ntp server modify -version
timed.servers	system services ntp server modify -server

W

7-Mode option	Clustered Data ONTAP command
wabl.default_nt_user	vserver nfs modify -default-win-user
wabl.default_unix_user	vserver cifs options modify -default-unix-user
wabl.group_cp	options wabl.group_cp (from nodeshell) system node run -node { <i>nodename</i> local} options wabl.group_cp
wabl.inconsistent.asup_frequency.blks	options wabl.inconsistent.asup_frequency.blks (from nodeshell) system node run -node { <i>nodename</i> local} options wabl.inconsistent.asup_frequency.blks
wabl.inconsistent.asup_frequency.time	options wabl.inconsistent.asup_frequency.time (from nodeshell) system node run -node { <i>nodename</i> local} options wabl.inconsistent.asup_frequency.time
wabl.inconsistent.ems_suppress	options wabl.inconsistent.ems_suppress (from nodeshell) system node run -node { <i>nodename</i> local} options wabl.inconsistent.ems_suppress
wabl.maxdirsize	options wabl.maxdirsize (from nodeshell) system node run -node { <i>nodename</i> local} options wabl.maxdirsize

7-Mode option	Clustered Data ONTAP command
wafl.nt_admin_priv_map_to_root	vserver name-mapping create
wafl.root_only_chown	vserver nfs modify -chown-mode

Related concepts

[Understanding the clustered Data ONTAP Command Map for 7-Mode Administrators](#) on page 4

Related references

[How 7-Mode commands map to clustered Data ONTAP commands](#) on page 6

[How 7-Mode configuration files map to clustered Data ONTAP commands](#) on page 57

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. The table below shows 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	<code>vserver cifs home-directory search-path</code>
/etc/exports	<code>vserver export-policy</code>
/etc/hosts	<code>vserver services dns hosts</code>
/etc/hosts.equiv	Not applicable. Use <code>security login</code> commands to create user access profiles.
/etc/messages	<code>event log show</code>
/etc/motd	Not applicable.
/etc/nsswitch.conf	<code>vserver modify</code>
/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. This contrasts with Data ONTAP operating in 7-Mode, in which features configured in memory are also retained in the <code>/etc/rc</code> file to be replayed at boot and reconfigured.
/etc/quotas	<code>volume quota</code>
/etc/resolv.conf	<code>vserver services dns modify</code>
/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 <code>snapmirror create</code> can be performed only by the cluster administrator to enforce per Vserver security.
/etc/snapmirror.conf	<code>snapmirror create</code>
/etc/symlink.translations	<code>vserver cifs symlink</code>
/etc/usermap.cfg	<code>vserver name-mapping create</code>

Related concepts

[Understanding the clustered Data ONTAP Command Map for 7-Mode Administrators](#) on page 4

Related references

[How 7-Mode commands map to clustered Data ONTAP commands](#) on page 6

[How 7-Mode options map to clustered Data ONTAP commands](#) on page 39

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