NetApp

SolidFire CLI Tools Release Notes

Version 1.5

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Contents

About these release notes

These release notes describe the features of CLI Tools, and provide information about the prerequisites for using the tool and software components that CLI Tools supports. The release notes also include a list of commands that you can use in CLI Tools.

New in this release

CLI Tools 1.5 includes new features and enhancements.

Support for running as a Docker container

You can now run CLI Tools as a Docker container. Running in a container allows for easy installation and cross-platform portability of CLI Tools.

Inline Help provides CLI Tools version number

The inline help output now includes the version number of CLI Tools that is installed.

Connection name gets set automatically if not specified

When you use `Connection Push` to store a connection, it sets the connection name from the cluster or node name, if you do not specify a name by using the `name` or `--n` option.

Known issues

This section includes information about issues that are known to affect functionality in this release of CLI Tools.

Unable to pass blank strings for command options

You cannot include blank strings for any of the `sfcli` command options.

Workaround
Use a character that represents a blank; for example, underscore (_) or asterisks (*).

CLI Tools overview

CLI Tools is a command-line interface from which you can control a SolidFire storage system without having to use the SolidFire API. CLI Tools provides an easy interface that enables storage administrators to query for information, make changes to objects in a storage system, and perform common storage system tasks. Users who are familiar with using shell or command-line based configuration interfaces can take advantage of CLI Tools.

CLI Tools includes the following features:

- Coverage of 87 percent of SolidFire API methods

- Inline help system for commands

- Capability on Windows, macOS, and Linux operating systems to automatically populate command syntax

- Ability to provide responses to commands in three output formats: tree, JSON, and pickle

Support matrix

The tool supports the following software and operating systems:

Component	Version
SolidFire Element OS	9.0 and later
Python	- Python 2: 2.7 and later - Python 3: 3.3 or later
Operating system	- Windows 7, 8, and 10 - macOS - Linux

List of commands

This section lists all the commands that you can run in CLI Tools.

account add
account modify
account getbyid
account remove
account list
account getefficiency
account getbyname
backuptarget list
backuptarget create
backuptarget get

backuptarget remove
backuptarget modify
cluster getsslcertificate
cluster removesslcertificate
cluster setsslcertificate
cluster setsnmpinfo
cluster disablesnmp
cluster addadmin
cluster setconfig
cluster getsnmpacl
cluster getcompletestats
cluster getrawstats
cluster enablesnmp
cluster getcapacity
cluster createsupportbundle
cluster disableencryptionatrest
cluster getversioninfo
cluster setsnmpacl
cluster clearfaults
cluster getsystemstatus
cluster setsnmptrapinfo
cluster create
cluster enableencryptionatrest
cluster getinfo
cluster getntpinfo
cluster listsyncjobs
cluster modifyfullthreshold
cluster listevents
cluster getcurrentadmin
cluster getsnmptrapinfo
cluster getstate
cluster deleteallsupportbundles
cluster getmasternodeid
cluster listfaults
cluster getsnmpinfo
cluster getstats

cluster removeadmin
cluster getapi
cluster getfullthreshold
cluster getlimits
cluster modifyadmin
cluster listadmins
cluster snmpsendtesttraps
cluster getsnmpstate
cluster setntpinfo
cluster getconfig
clusteradmin getloginbanner
clusteradmin setloginbanner
drive add
drive reset
drive listhardware
drive list
drive listdrivestats
drive remove
drive gethardwareinfo
drive getconfig
drive secureerase
drive test
drive getstats
hardware getnvraminfo
hardware getnodeinfo
hardware gethardwareinfo
hardware getconfig
hardware getclusterinfo
initiators addtovolumeaccessgroup
initiators create
initiators list
initiators delete
initiators modify
initiators removefromvolumeaccessgroup
LDAP disableauthentication
LDAP addclusteradmin

LDAP testauthentication
LDAP enableauthentication
LDAP getconfiguration
loggingsession getloginsessioninfo
loggingsession getremotelogginghosts
loggingsession setremotelogginghosts
loggingsession setloginsessioninfo
network listinterfaces
network listfibrechannelportinfo
network listnodefibrechannelportinfo
network listiscsisessions
network listfibrechannelsessions
node listpending
node listall
node liststats
node getbootstrapconfig
node remove
node listpendingactive
node getorigin
node getstats
node add
node getnetworkconfig
node getpendingoperation
node listactive
node getconfig
node getsslcertificate
node removesslcertificate
node setsslcertificate
pairing removevolumepair
pairing startvolume
pairing removeclusterpair
pairing listclusterpairs
pairing modifyvolumepair
pairing startcluster
pairing completevolume
pairing completecluster

pairing listactivepairedvolumes
restart services
restart resetnode
restart networking
restart shutdown
schedule create
schedule get
schedule list
schedule modify
sensors getipmiinfo
sensors getipmiconfig
service list
sfapi invoke
snapshot deletegroup
snapshot modify
snapshot creategroup
snapshot rollbackto
snapshot rollbacktogroup
snapshot listgroup
snapshot delete
snapshot list
snapshot create
snapshot modifygroup
storagecontainers list
storagecontainers getstoragecontainerefficiency
storagecontainers createstoragecontainer
storagecontainers delete
storagecontainers modifystoragecontainer
test listutilities
test connectensemble
test list
test connectmvip
test ping
test connectsvip
virtualnetwork add
virtualnetwork list

virtualnetwork remove
virtualnetwork modify
virtualvolume listhosts
virtualvolume gettaskupdate
virtualvolume canceltask
virtualvolume modifyvasaproviderinfo
virtualvolume getunsharedchunks
virtualvolume getcount
virtualvolume listbindings
virtualvolume listprotocolendpoints
virtualvolume listvolumestatsby
virtualvolume create
virtualvolume modifymetadata
virtualvolume unbind
virtualvolume modify
virtualvolume getfeaturestatus
virtualvolume fastclone
virtualvolume unbindallfromhost
virtualvolume querymetadata
virtualvolume createhost
virtualvolume list
virtualvolume snapshot
virtualvolume enablefeature
virtualvolume listtasks
virtualvolume bind
virtualvolume getallocatedbitmap
virtualvolume clone
virtualvolume rollback
virtualvolume getunsharedbitmap
virtualvolume delete
virtualvolume modifyhost
virtualvolume getvasaproviderinfo
virtualvolume preparevirtualsnapshot
volume addtoaccessgroup
volume modify
volume getasyncresult

volume cancelclone
volume getcount
volume getefficiency
volume setdefaultqos
volume listdeleted
volume create
volume restoredeleted
volume getstats
volume listasyncresults
volume updatebulkstatus
volume startbulkread
volume liststatsbyaccount
volume list
volume liststatsby
volume listbulkjobs
volume clonemultiple
volume listforaccount
volume clone
volume startbulkwrite
volume delete
volume liststatsbyaccessgroup
volume getdefaultqos
volume purgedeleted
volume copy
volume liststats
volume createqospolicy
volume deleteqospolicy
volume getqospolicy
volume listqospolicies
volume modifyqospolicy
volume removefromaccessgroup
volumeaccessgroup modifylunassignments
volumeaccessgroup delete
volumeaccessgroup list
volumeaccessgroup create
volumeaccessgroup getlunassignments

volumeaccessgroup getefficiency
volumeaccessgroup modify

Where to find additional information

You can use the resources in this section for additional information.

- For information about how to use CLI Tools, see the *NetApp SolidFire CLI Tools User Guide*.

- For more information about deploying, configuring, and using your cluster, see the *NetApp SolidFire Element OS User Guide*.

- For information about the NetApp SolidFire API, see the *NetApp SolidFire Element OS API Reference Guide*.

Contacting NetApp Support for SolidFire

If you need help or have questions or comments about NetApp SolidFire products, contact NetApp SolidFire Active Support:

- Web: *mysupport.netapp.com*
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