



stcli appliance Commands

- [stcli appliance Command, on page 1](#)
- [stcli appliance discover Command, on page 1](#)
- [stcli appliance list Command, on page 2](#)

stcli appliance Command

Appliance operations.

stcli appliance [-h] {list | discover}

Syntax Description	Option	Required or Optional	Description
	list	One of set required.	Lists the storage cluster appliances in the storage cluster.
	discover	One of set required.	Discover new storage cluster appliances in the network.

Command Default None. One option from the set is required.

Usage Guidelines Accompany the `stcli appliance` command with one of the positional arguments enclosed in `{ }`, or optional arguments enclosed in `[]`.

stcli appliance discover Command

Discover new storage cluster appliances in the network. If none are found, only the time spent searching is returned.

stcli appliance discover [-h]

Command Default None.

Usage Guidelines Run the `stcli appliance discover` command.

stcli appliance list Command

Lists the storage cluster appliances in the storage cluster.

stcli appliance list [-h]

Command Default

None.

Usage Guidelines

Run the `stcli appliance list appliance` command.

This example shows a truncated response:

```
# stcli appliance list

ps:
-----
status: green
name: Power Supply 1 PS1 Status: Power Supply AC lost - Deassert
-----
status: green
name: Power Supply 2: Running/Full Power-Enabled
-----
status: green
name: Power Supply 1: Running/Full Power-Enabled
-----
status: green
name: Power Supply 1 PS1 Status: Predictive failure - Deassert
-----
status: green
name: Power Supply 2 PS2 Status: Failure status - Deassert
-----
status: green
name: Power Supply 2 PS2 Status: Predictive failure - Deassert
-----
status: green
name: Power Supply 2 PS2 Status: Power Supply AC lost - Deassert
-----
status: green
name: Power Supply 1 PS1 Status: Failure status - Deassert
-----

serialNumber:
disks:
  EntityRef(type=10, id='5000c500642d17ad:0000000000000000', name='/dev/sde'):
    status: online
    serialNumber: 9XG4XS2V
    capacity: 931.5G
    slotNumber: 1.1.4
    logicalname: /dev/sde
    modelNumber: ST91000640NS
    entityRef:
      type: pdisk
      id: 5000c500642d17ad:0000000000000000
      name: /dev/sde
      version: SN03
      vendor: Seagate
  EntityRef ...

modelNumber: X9DRT
pnics:
```

```

EntityRef(type=3, id='00000000-0000-0000-0000-002590d423b2', name='cs-002a'):
-----
device: vmnic2
mac: 90:e2:ba:54:6d:04
pci: 0000:04:00.0
speedMb: 10000
-----
...
EntityRef(type=3, id='00000000-0000-0000-0000-002590d42388', name='cs-002c'):
-----
device: vmnic0
mac: 00:25:90:d4:23:88
pci: 0000:02:00.0
speedMb: 1000
-----
...

nodes:
  A:
    state: online
    upgradeState: ok
    storfsIp:
      addr: 10.104.48.24
      stService: stctl
      vlanId: 311
      gateway: 10.104.48.1
      subnetMask: 255.255.240.0
      method: static
    pNode:
      about:
        serviceType: sysmAgent
        instanceUuid: d8e6ec9a564de28a:9d870ca45456c471
        name:
        locale: en-US
        serialNumber: unset
        apiVersion: 0.0.1
        modelNumber: unset
        build: 2.0.1-release-20569
        displayVersion: 2.0(1a)
        fullName: HyperFlex StorageController-2.0.1a
        productVersion: 2.0.1a-20569
      retired: False
      compression: True
      ip: 10.104.48.24
      disks:
        -----
        blacklistCount: 0
        medium: rotational
        capacity: 931.5G
        state: ready
        version: 0
        entityRef:
          type: disk
          id: 5000c500642e0f8f:0000000000000000
        usage: persistence
        path: /dev/sdd
        lastModifiedTime: 1484715441000
        usedCapacity: 9.2G
        -----
        ...
        -----

```

```

dedup: True
nsPrimary: True
dataWriteThruEnabled: True
state: ready
bootTime: 0
master: False
entityRef:
  type: pnode
  id: d8e6ec9a564de28a:9d870ca45456c471
  name: 10.104.48.24
version: 0
lastModifiedTime: 1484715441000
name: 10.104.48.24

host:
state: online
about:
  serviceType: HostAgent
  instanceUuid: 00000000-0000-0000-0000-002590d423b2
  name: VMware ESXi
  locale: English (United States)
  serialNumber: 0123456789
  apiVersion: 6.0
  modelNumber: X9DRT
  build: 3380124
  fullName: VMware ESXi 6.0.0 build-3380124
  productVersion: 6.0.0

stctlvm:
name: stCtlVM-0123456789 (2)
ip: 10.104.48.24
guestHostname:
mgmtClusterIp: 10.104.32.32
storageNetworkIp: 10.104.48.24
moid: vm-885
role: storage
entityRef:
  type: virtmachine
  id: vm-885
  name: stCtlVM-0123456789 (2)
version: 2.1.1
passthrough: pci
guestState: running
mgmtNetworkIp: 10.104.32.28

name: cs-002a
ip:
  addr: 10.104.32.21
  stService: hypervisor
  vlanId: 0
  gateway: 10.104.32.1
  subnetMask: 255.255.240.0
  method: static
moid: host-879
ipmiSettings:
  addr: 10.104.32.20
  stService: ipmi
  gateway: 10.104.32.1
  subnetMask: 255.255.240.0
  method: dhcp

ioVisor:
about:
  serviceType: scvmclient
  instanceUuid:
  name: Springpath I/O Visor

```

```

        locale:
        serialNumber:
        apiVersion:
        modelNumber:
        build:
        fullName: Springpath I/O Visor
        productVersion: 2.0.1a-20569
    state: offline

bootTime: 0
entityRef:
  type: node
  id: 00000000-0000-0000-0000-002590d423b2
  name: cs-002a
vMotionIp:
  addr: 10.104.48.20
  vlanId: 311
  gateway: 10.104.32.1
  subnetMask: 255.255.240.0
  method: static
enclosureSerialNumber:

entityRef:
  type: node
  id: 00000000-0000-0000-0000-002590d423b2
  name: cs-002a
progress:
-----
  completion: 100
  parent:
    type: node
    id: 00000000-0000-0000-0000-002590d423b2
    name: 10.104.48.24
  name: Disk Prepare /dev/sdb
  state: succeeded
  entity:
    type: disk
    id: 55cd2e404b6d511e:0000000000000000
  description: Ignored solid state drive /dev/sdb
-----
  ...
-----
upgradeVersion: 2.0.1a-20569
C:
state: online
upgradeState: ok
storfsIp:
  addr: 10.104.48.27
  stService: stctl
  vlanId: 311
  gateway: 10.104.48.1
  subnetMask: 255.255.240.0
  method: static
pNode: ...

```

