More ncli examples

- Check Nutanix cluster version:

```
ncli cluster version
```

- Displays the current version of Nutanix AOS running on the cluster[3].
- Set the cluster timezone:

```
ncli cluster set-timezone timezone=Asia/Kolkata
```

- Add a subnet to the NFS whitelist.

```
ncli cluster add-to-nfs-whitelist
ip-subnet-masks=10.2.0.0/255.255.0.0
```

- Allows a specific subnet to access NFS exports[3].

Storage Management

- List existing storage pools:

```
 ncli sp ls
```

- Shows all storage pools in the cluster[37].
- List existing storage containers:

```
ncli ctr ls
```

- Displays all storage containers[37].
- Create a new storage container:

```
ncli ctr create name=NewContainer sp-name=default-storage-pool
```

- Creates a storage container named "NewContainer" in the specified storage pool.
- Delete a storage container:

```
ncli ctr remove name=NewContainer
```

- Removes the specified storage container[6].

VM and Host Management

- List all VMs:

```
ncli vm ls
```

- Lists all virtual machines in the cluster[37].
- List all hosts:

```
ncli host ls
```

- Displays all physical hosts in the cluster[8].

Protection Domains and Replication

- Create a protection domain:

```
ncli pd create name=MyProtectionDomain
```

- Sets up a new protection domain for data protection and replication[7].
- Create a one-time snapshot of a protection domain:

```
ncli pd add-one-time-snapshot name=MyProtectionDomain retention-time=3600
```

- Takes a snapshot of the protection domain with a retention time of 1 hour[7].
- Monitor replication status:

```
ncli pd list-replication-status
```

- Shows the current replication status of protection domains[7].

Cluster Health and Keys

- Run a health check:

  ```
  ncli health-check run
  ```

- Initiates a health check on the cluster (can also use `ncc health_checks run_all` from the CVM shell)[58].
- List public keys:

```
ncli cluster list-public-keys
```

- Displays all public keys registered for cluster access[7].
- Add a public key:

```
ncli cluster add-public-key name=myPK file-path=~/mykey.pub
```

- Adds a new public key for secure cluster access[7].

Common nCLI Entities (Sub-Commands)

Some useful nCLI entities you can manage include:

- `alerts`
- `authconfig`
- `cloud`
- `cluster`

- container
- disk
- events
- file-server
- health-check
- host
- network
- license
- managementserver
- multicluster
- nutanix-guest-tools