



Power off storage resources for a NetApp HCI system

HCI

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October 09, 2020

This PDF was generated from https://docs.netapp.com/us-en/hci/docs/task_nde_hci_power_off_storage.html on October 29, 2020. Always check docs.netapp.com for the latest.

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When you power off storage resources for NetApp HCI, you need to use the **Shutdown** Element API method to properly halt the storage nodes.

Steps

After you power off the compute resources, you use a web browser to shut down all the nodes of the NetApp HCI storage cluster.

1. Log in to the storage cluster and verify that you are connected to the correct MVIP.
2. Verify that the iSCSI session count is zero.
3. Navigate to **Cluster** > **Nodes** > **Active**, and record the node IDs for all of the active nodes in the cluster.
4. To power off the NetApp HCI storage cluster, open a web browser and use the following URL to invoke the power off and halt procedure, where **{MVIP}** is the management IP address of the NetApp HCI storage system and the **nodes=[]** array includes the node IDs that you recorded in step 2. For example:

```
https://{MVIP}/json-rpc/1.0?method=Shutdown&nodes=[1,2,3,4]&option=halt
```

5. Enter the cluster administrator user name and password.
6. Validate that the API call returned successfully by verifying that all storage cluster nodes are included in the **successful** section of the API result.

You have successfully powered off all the NetApp HCI storage nodes.

Find more information

- [Firmware and driver versions in NetApp HCI and NetApp Element software](#)

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