



# Access the management node

## HCI

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# Access the management node

Beginning with NetApp Element software version 11.3, the management node contains two UIs: a UI for managing REST-based services and a per-node UI for managing network and cluster settings and operating system tests and utilities.

For clusters running Element software version 11.3 or later, you can make use one of two interfaces:

- By using the management node UI ([https:// \[mNode IP\]:442](https://[mNode IP]:442)), you can make changes to network and cluster settings, run system tests, or use system utilities.
- By using the built-in REST API UI ([https://\[mNode IP\]/mnode](https://[mNode IP]/mnode)), you can run or understand APIs relating to the management node services, including proxy server configuration, service level updates, or asset management.

## Access the management node per-node UI

From the per-node UI, you can access network and cluster settings and utilize system tests and utilities.

### *Steps*

1. Access the per-node UI for the management node by entering the management node IP address followed by :442

```
https://[IP address]:442
```

### Network Settings - Management

Method : static

Link Speed : 1000

IPv4 Address : 10.117.148.201

IPv4 Subnet Mask : 255.255.255.0

IPv4 Gateway Address : 10.117.151.254

IPv6 Address :

IPv6 Gateway Address :

MTU : 1500

DNS Servers : 10.117.20.40, 10.116.133.40

Search Domains : den.solidfire.net, one.den.solidfire

Status : UpAndRunning

#### Routes

[+](#) Add

[Reset Changes](#)

[Save Changes](#)

2. Enter the management node user name and password when prompted.

## Access the management node REST API UI

From the REST API UI, you can access a menu of service-related APIs that control management services on the management node.

### Steps

1. To access the REST API UI for management services, enter the management node IP address followed by `/mnode`:

```
https://[IP address]/mnode
```

# MANAGEMENT SERVICES API <sup>4.0</sup>

[ Base URL: /mnode ]  
<https://10.117.1.100/mnode/swagger.json>

The configuration REST service for MANAGEMENT SERVICES

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Authorize 

## logs Log service

GET /logs Get logs from the MNODE service(s)

## assets Asset service

POST /assets Add a new asset

GET /assets Get all assets

GET /assets/compute-nodes Get all compute nodes

GET /assets/compute-nodes/{compute\_node\_id} Get a specific compute node by ID

GET /assets/controllers Get all controllers

GET /assets/controllers/{controller\_id} Get a specific controller by ID

GET /assets/storage-clusters Get all storage clusters

GET /assets/storage-clusters/{storage\_cluster\_id} Get a specific storage cluster by ID

PUT /assets/{asset\_id} Modify an asset with a specific ID

DELETE /assets/{asset\_id} Delete an asset with a specific ID

GET /assets/{asset\_id} Get an asset by it's ID

POST /assets/{asset\_id}/compute-nodes Add a compute asset

GET /assets/{asset\_id}/compute-nodes Get compute assets

PUT /assets/{asset\_id}/compute-nodes/{compute\_id} Update a specific compute node asset

DELETE /assets/{asset\_id}/compute-nodes/{compute\_id} Delete a specific compute node asset

2. Click **Authorize** or any lock icon and enter cluster admin credentials for permissions to use APIs.

## Find more Information

- [Enable the Active IQ collector service for SolidFire all-flash storage](#)
- [NetApp Element Plug-in for vCenter Server](#)
- [NetApp HCI Resources Page](#)

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