



Verify management node OS and services versions

HCI

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Verify management node OS and services versions

You can verify the version numbers of the management node OS, management services bundle, and individual services running on the management node using the REST API in the management node.

What you'll need

- Your cluster is running NetApp Element software 11.3 or later.
- You have deployed a management node running version 11.3 or later.

Options

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API commands

- Get version information about the management node OS, the management services bundle, and the management node API (mnode-api) service that are running on the management node:

```
curl -X GET "https://<managementNodeIP>/mnode/about" -H "accept: application/json"
```

- Get version information about individual services running on the management node:

```
curl -X GET "https://<managementNodeIP>/mnode/services?status=running" -H "accept: */*" -H "Authorization: Bearer ${TOKEN}"
```



You can find the bearer `${TOKEN}` used by the API command when you [authorize](#). The bearer `${TOKEN}` is in the curl response.

REST API UI steps

1. Access the REST API UI for the service by entering the management node IP address followed by `/mnode/`:

```
https://<managementNodeIP>/mnode/
```

2. Do one of the following:
 - Get version information about the management node OS, the management services bundle, and the management node API (mnode-api) service that are running on the management node:

- a. Select **GET /about**.
- b. Select **Try it out**.
- c. Select **Execute**.

The management services bundle version ("mnode_bundle_version"), management node OS version ("os_version"), and management node API version ("version") are indicated in the response body.

- Get version information about individual services running on the management node:
 - a. Select **GET /services**.
 - b. Select **Try it out**.
 - c. Select the status as **Running**.
 - d. Select **Execute**.

The services that are running on the management node are indicated in the response body.

Find more information

- [NetApp Element Plug-in for vCenter Server](#)
- [NetApp HCI Resources Page](#)

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