Upgrading Cisco Application Services Engine

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You can use this procedure to upgrade the Cisco Application Services Engine for all form factors.

Same procedure has to be performed on each service node separately

Before you begin

- You must have Cisco Application Services Engine installed and the cluster configured.

- Ensure that you have a working software image for the upgrade.

Note Upgrade from version 1.1.0d to 1.1.2i is supported for fabric internal mode only.

Step 1 Log in to the Cisco Application Services Engine server as a rescue-user.

Step 2 Copy the ISO image file into the /tmp directory.

Step 3 Start the upgrade using the **acidiag installer update** -f *iso_filepath* command.

```
node # acidiag installer update -f /tmp/apic-sn-dk9.1.1.2h.iso
```

Run the command on all nodes individually. Once the command is executed successfully, reboot the service nodes.

Step 4 Reboot individual nodes using the **acidiag reboot** command.

```
node # acidiag reboot
```

Step 5 Verify the version after the upgrade using the **acidiag version** command.

```
node # acidiag version
```

Working with Cisco Application Services Engine

You can use the following commands to perform various operations in Cisco Application Services Engine.

Command(s) for app operations:

- **acidiag app show**: Displays the installed application(s).

  ```
  acidiag app show
  ```

- **acidiag app install**: Installs application(s).

  ```
  acidiag app install <filepath or url>
  ```

- **acidiag app enable**: Enables an installed (or disabled) application (s).

  ```
  acidiag app enable <application id>
  bash-4.2$ acidiag app
  [ { 'adminState': 'Enabled',
  'apiEntrypoint': '/query',
  'appID': 'MSO',
  'creationTimestamp': '2019-12-08T22:02:08.513217541Z',
  'description': 'Multi-Site Orchestrator application',
  'displayName': 'cisco-mso',
  'id': 'cisco-mso:2.2.3',
  'name': 'cisco-mso',
  'operStage': 'Enable',
  'operState': 'Running',
  'schemaversion': '',
  'uiEntrypoint': '/ui/app-start.html',
  'vendorID': 'Cisco',
  'version': '2.2.3'}]
  bash-4.2$
  ```

- **acidiag app disable**: Disables an enabled application (s).

  ```
  acidiag app disable <application id>
  ```

- **acidiag app delete**: Deletes an application (s).

  ```
  acidiag app delete <application id>
  ```

Command(s) for app image operations:

- **acidiag image show**: Displays all the application images present.

  ```
  acidiag image show
  ```

- **acidiag image show <image file name>**: Displays information about the specified application image.

  ```
  acidiag image show <image file name>
  ```

Command(s) for app import operations:

- **acidiag import show**: Displays information on all the application imports made to the Cisco Application Services Engine.

  ```
  acidiag import show
  ```

- **acidiag import show <import id>**: Displays info about the specified import. Import id is an optional parameter.

  ```
  acidiag import show <import id>
  ```

Command(s) for Tech Support:

- **acidiag techsupport collect**

```
acidiag techsupport collect
Started: TS collection may take 15-20 minutes to complete. Monitor /techsupport/ for
the file
```