



Deploying Cisco Nexus Data Broker Embedded for NX-API

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Obtaining the Cisco Nexus Data Broker Embedded Software for NX-API

- Step 1** In a web browser, navigate to [Cisco.com](https://www.cisco.com).
- Step 2** In the center pane, click **Cloud and Systems Management**.
- Step 3** If prompted, enter your Cisco.com username and password to log in.
- Step 4** In the right pane, click **Network Controllers and Applications**, and then click **Cisco Nexus Data Broker**.
- Step 5** Download and extract the **Cisco Nexus Data Broker Software Application** bundle. The application bundle zip file contains the following:
- The Cisco Nexus Data Broker Embedded package, **ndb1000-sw-app-emb-k9-3.2.0.ova**
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What to Do Next

Install the software on a Cisco Nexus 3000, 3100, 3200, 3500, or 9000 Series switch.

Installing and Activating the Cisco Nexus Data Broker Embedded Software for NX-API Mode

Before You Begin



Note

You cannot install a new version of the Cisco Nexus Data Broker Embedded if you already have an existing Cisco Nexus Data Broker Embedded application installed and active.

Before you begin installing a new version of the Cisco Nexus Data Broker Embedded, you must:

- Deactivate your current Cisco Monitor Manager Embedded OVA file.
- Uninstall the Cisco Monitor Manager Embedded OVA file.



Important

Ensure that you have sufficient space available in the bootflash. The **ndb1000-sw-app-emb-k9-3.2.0.ova** file require a total of ~55 MB of space in the bootflash for the decompression and installation processes.

DETAILED STEPS

	Command or Action	Purpose
Step 1	switch# copy [<i>scp: ftp: http:</i>]// <i>download_dir</i> ndb1000-sw-app-emb-k9-3.2.0.ova bootflash:vrf management	Copies the Cisco Nexus Data Broker Embedded package from the directory where you downloaded it to the switch.
Step 2	switch# show virtual-service list	Monitors the status of the copy processes.
Step 3	switch# virtual-service install name ndb_emb package bootflash:ndb1000-sw-app-emb-k9-3.2.0.ova	Installs the Cisco Nexus Data Broker Embedded package on the switch.
Step 4	switch# show virtual-service list	Monitors the status of the installations. Note Do not continue until both OVA files have been successfully installed.
Step 5	switch# configure terminal	Enters global configuration mode on the switch.
Step 6	switch(config)# virtual-service ndb_emb	Starts the virtual service for the Cisco Nexus Data Broker Embedded package and enters virtual service configuration mode on the switch.
Step 7	switch(config-virt-serv)# activate	Activates the Cisco Nexus Data Broker Embedded package.
Step 8	switch(config-virt-serv)# exit	Exits virtual service configuration mode on the switch.
Step 9	switch(config)# show virtual-service list	Monitors the status of the package activations.

Logging in to the Cisco Nexus Data Broker GUI

The default HTTPS web link for the Cisco Nexus Data Broker GUI is
`https://Nexus_Switch_Management_IP:8443/monitor`

**Note**

You must manually specify the `https://` protocol in your web browser. The controller must also be configured for HTTPS.

Step 1 In your web browser, enter the Cisco Nexus Data Broker web link, for example,
`https://Nexus_Switch_Management_IP:8443/monitor`.

Step 2 On the launch page, do the following:

- a) Enter your username and password.
The default username and password is admin/admin.
- b) Click **Log In**.

What to Do Next

See the *Cisco Nexus Data Broker Configuration Guide* for the procedures that you need to configure Cisco Nexus Data Broker.

