Deploying Cisco Nexus Data Broker Embedded for NX-API

This chapter contains the following sections:

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

Procedure

Step 1 In a web browser, navigate to 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-k9-3.0.0.ova**

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-k9-3.0.0.ova** file require a total of ~55 MB of space in the bootflash for the decompression and installation processes.

Procedure

	Command or Action	Purpose
Step 1	switch# **copy** [*scp:*	*ftp:*	*http:*] //*download_dir* **ndb1000-sw-app-emb-k9-3.0.0.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-k9-3.0.0.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.

	Command or Action	Purpose
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`

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

Procedure

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.