Cisco Network Insights Advisor Installation

This chapter contains the following sections:

About Cisco Network Insights Advisor

Cisco Network Insights Advisor (Cisco NIA) application monitors utilities that can be added to the Cisco Data Center Network Manager (Cisco DCNM).

Hardware Requirements

This section describes the Cisco DCNM 11.3(1) LAN deployment requirements for Cisco NIA app software telemetry. A Cisco DCNM-native HA deployment is recommended.

Table 1: Hardware Requirements for Deployments up to 80 Switches

Node	Deployment Mode	CPU	Memory	Storage	Network
Cisco DCNM	OVA/ISO	16 vCPUs	32G	500G HDD	3x NIC
Computes (x3)	OVA/ISO	32 vCPUs	64G	500G HDD	3x NIC

Table 2: Hardware Requirements for Deployments from 81 to 250 Switches

Node	Deployment Mode	CPU	Memory	Storage	Network
Cisco DCNM	OVA/ISO	16 vCPUs	32G	500G HDD	3x NIC
Computes (x3)	ISO	40 vCPUs	256G	2.4TB HDD	3x NIC*

* Network card: Quad-port 10/25G

Downloading Cisco Network Insights Advisor from the Cisco App Center

This section contains the steps required to download Cisco Network Insights Advisor applications in theCisco DCNM in preparation for installation.

Before you begin

You must have administrative credentials to download Cisco NIA application in Cisco DCNM.

Step 1 Access the Cisco DC App Center site in one of the two ways:

- Go to Cisco DC App Center, or

- If you have admin privileges, go through the Cisco DCNM GUI.

   a. Login to the Cisco DCNM GUI as admin.

   b. Choose **Apps**.

   c. Click the **Download Applications** icon ⬇ on the far-right side of the work pane.

   A new browser tab or window opens to the Cisco DC App Center.

Step 2 Search for Cisco Network Insights Advisor application on the search bar.

Step 3 Select the Cisco Network Insights Advisor application you want to download and click **Download** for that app to begin the process of downloading the app to your local machine.

Step 4 Review the license agreement and, if OK, click **Agree and download**.

The Cisco Network Insights Advisor application is downloaded to your local machine.

What to do next

Make sure the following requirements are met:

- Note the download location of the Cisco Network Insights Advisor file on your local machine.

- Make sure the downloaded file can be accessed by the Cisco DCNM. If it cannot, move the file to a device and/or location where it can be installed on the Cisco DCNM.

Installing Cisco Network Insights Advisor in Cisco DCNM

This section contains the steps required to install Cisco Network Insights Advisor applications in the Cisco DCNM.

Before you begin

Before you begin installing a Cisco NIA application, make sure the following requirements are met:

Step 1 You must have administrator credentials to install Cisco Network Insights Advisor applications.

Step 2 You must have three compute servers installed and in the "Joined" state. For more information regarding the installation, discovery, and addition of compute servers, refer to the following sections:

- Compute Installation: For details on compute installation, refer to the Installing a DCNM Compute section.

- DVS Security Settings: For details on DVS security settings, refer to the Networking Policies for OVA Installation section.

- Subnet Requirements for OOB and IB pool: For details on subnet requirements for OOB and IB pool, refer to the Subnet Requirements section.

- Creating a Compute Cluster: For details on creating a compute cluster, refer to the Enabling the Compute Cluster section.

- Adding Computers in Web UI: For details on adding computers in web UI, refer to the Adding Computers into the Cluster Mode section.

Step 3 You must stop and uninstall any Cisco NIA 1.0.x app prior to installing Cisco NIA 2.x app.

What to do next

When the installation is complete, the application opens to a Welcome dialog where initial setup is performed. Continue with the setup of the Cisco NIA application located in the Initial Setup section of the next chapter.

Enabling Cisco Network Insights Advisor in Cisco DCNM

This section contains the steps required to enable or disable the Cisco NIA application.

Before you begin

Before you begin enable or disable the Cisco NIA application, make sure the following prerequisites are met:

- You must have administrator privileges for Cisco DCNM GUI.

- You have installed Cisco NIA app and the application has launched correctly.

Step 1 Login to Cisco DCNM GUI with admin privileges.

Step 2 Click **Application** on the left navigation bar.

Step 3 Click **Open** from the Cisco NIA application dialog.

The Cisco Network Insights Advisor application dialog appears.

Step 4 Check the **Help Cisco improve its products** option.

Uncheck this option to stop sending environment specific data to Cisco Intersight.