



Network Insights Overview

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About Cisco Network Insights Advisor

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

Hardware Requirements

This section describes the Cisco DCNM 11.2 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	16 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	32 vCPUs	256G	2.4TB HDD	3x NIC*

* Network card: Quad-port 10/25G

Downloading Cisco Network Insights Advisor from the Cisco App Center

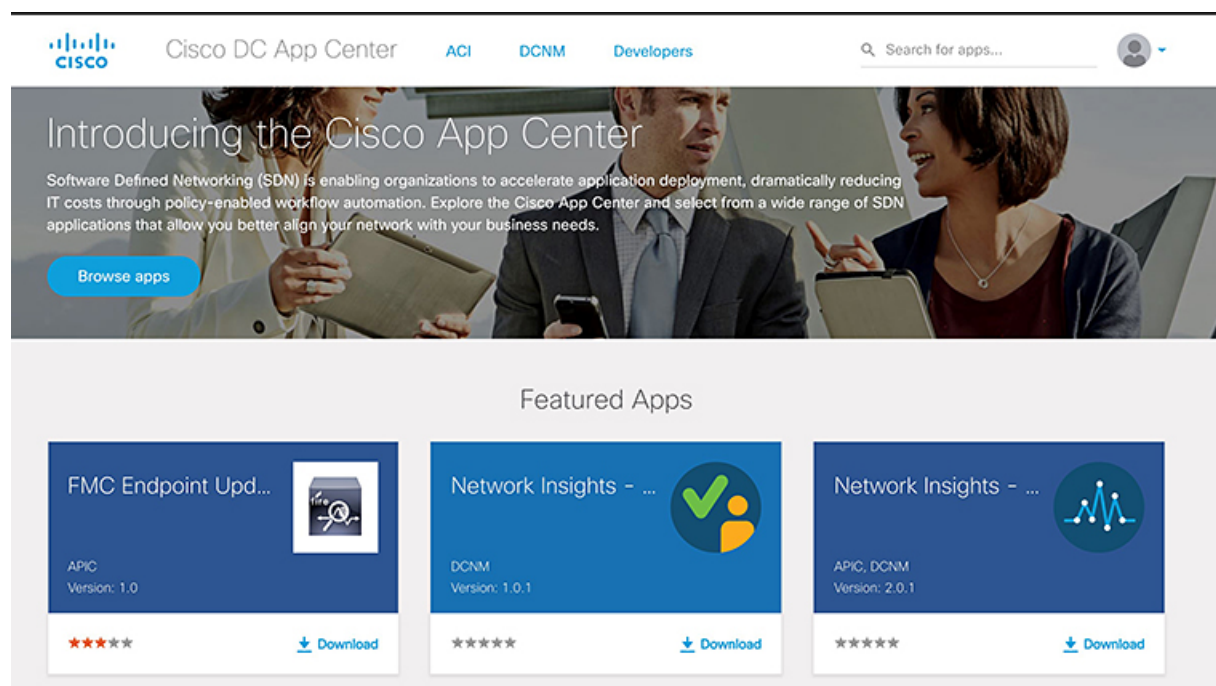
This section contains the steps required to download Cisco Network Insights Advisor applications in the Cisco DCNM in preparation for installation.

Before you begin

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

- Step 1** Log in to the Cisco DCNM GUI with admin privileges.
- If you don't have admin privileges, you can log in to the [Cisco App Center](#) to download the application.
- Step 2** Choose **Applications**.
- Step 3** Click **Browse App Center** on the far-right side of the screen.
- Step 4** Search for Cisco Network Insights Advisor application on the search bar.
- Step 5** 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.

Figure 1: Cisco NIA in the DCNM-App Center Landing Page



- Step 6** 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:

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- 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.
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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.

