



# Cisco Network Insights for Resources Installation

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## About Cisco Network Insights for Resources

Cisco Network Insights for Resources (Cisco NIR) application consists of monitoring utilities that can be added to the Cisco Application Policy Infrastructure Controller (Cisco APIC). The application can also be added to the Cisco Application Services Engine with Cisco APIC.

## Software Requirements

The following are software requirements for Cisco NIR on Cisco Application Services Engine with Cisco Application Policy Infrastructure Controller.

**Table 1: Software Requirements for Cisco NIR on Cisco Application Services Engine with Cisco APIC**

Software	Release
Cisco Application Policy Infrastructure Controller (Cisco APIC). Refer to <a href="#">Cisco APIC</a> for details.	3.2(8) and 4.2(3)
Cisco Application Services Engine. Refer to <a href="#">Cisco Application Services Engine</a> for details.	1.1.2i

## Hardware Requirements

This section describes the Cisco ACI deployment requirements for Cisco NIR software telemetry.

The following are required for Cisco NIR application running on the Cisco Application Services Engine with Cisco APIC:

**Table 2: Hardware Requirements for Cisco NIR on Cisco Application Services Engine with Cisco APIC**


Feature	Hardware
Cisco Application Policy Infrastructure Controller (Cisco APIC)	Use existing Cisco APIC cluster M3 and L3
The Cisco Application Services Engine cluster	SE-CL-L3
Flow Telemetry	The following series switches and line cards are supported: <ul style="list-style-type: none"> <li>• Cisco Nexus 9300-EX, -FX, -FX2, and 9500 platform switches</li> <li>• Cisco Nexus X9732C-EX line card</li> </ul>

## Downloading Cisco NIR Application from the Cisco App Center

This section contains the steps required to download Cisco NIR application in the Cisco APIC in preparation for installation.

### Before you begin

You must have administrative credentials to download applications in the Cisco APIC.

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- Step 1** Log in to the Cisco APIC GUI with admin privileges.
- If you do not have admin privileges, log in to the [Cisco App Center](#) to download the application.
- Step 2** Choose **Apps**.
- Step 3** Click the **Download Applications** icon  on the far-right side of the work pane. A new browser tab or window opens to the Cisco App Center.
- Step 4** Search for Cisco Network Insights for Resources application on the search bar.
- Step 5** Select the Cisco Network Insights for Resources application you want to download and click **Download** for that app to begin the process of downloading the app to your local machine.
- Step 6** Review the license agreement and, if OK, click **Agree and download**. The Cisco Network Insights for Resources application is downloaded to your local machine.
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### What to do next



Note the download location of the Cisco Network Insights for Resources file on your local machine. Make sure to move the downloaded Cisco Network Insights for Resources file to a http server, which can then be uploaded to Cisco Application Services Engine with Cisco APIC.

# Installing Cisco NIR Application on Cisco APIC

This section contains the steps required to install Cisco NIR application on Cisco APIC. These steps are required for software telemetry.

## Before you begin

You must have administrative credentials to install Cisco NIR application.

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- Step 1** Log in to the Cisco APIC GUI with admin privileges.
  - Step 2** Click the **Admin > Downloads** tab.
  - Step 3** Click the **Task** icon  on the far-right side of the Downloads work pane and select **Add File to APIC**. The **Add File to APIC** dialog appears.
  - Step 4** Enter the name of the download file in the **Download Name** field.
  - Step 5** In the **Protocol** field, choose **Secure Copy**.
  - Step 6** In the **URL** field, enter the path to the download file image location.
  - Step 7** Enter your name and password in the **Username** and **Password** fields.
  - Step 8** Enter **Submit**.
  - Step 9** Click the **Operational** tab and then click the **Refresh**  icon to see the download status. The application will automatically install once downloaded. This could take approximately five minutes to complete.
  - Step 10** After installing, click the **Operations > NIR** tab at the top of the GUI. Once the application installation is completed, an application icon appears with the **Enable** button in green.
  - Step 11** Click **Enable** to open the application. A Details dialog appears.
  - Step 12** Click **Enable**. The application icon appears with a blue **Open** button.
  - Step 13** Click **Open**. The application opens with a splash screen welcome dialog for Cisco NIR.
  - Step 14** Click **Begin First Time Setup** to setup the Cisco NIR application.
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## What to do next

Continue with the setup of the Cisco Network Insights for Resources application located in the Cisco NIR Initial Setup section.



# Installing Cisco NIR on Cisco Application Services Engine with Cisco APIC

This section contains the steps required to install Cisco Network Insights for Resources application on the Cisco Application Services Engine with the Cisco APIC.

## Before you begin

Before you begin installing a Cisco NIR application on the Cisco Application Services Engine with Cisco APIC, make sure the following requirements are met:

- You have installed and configured the Cisco Application Services Engine.
- You must have administrator credentials to install Cisco NIR application.

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- Step 1** Log in to the Cisco APIC GUI with admin privileges.
- Step 2** Click **Admin > Downloads** tab on the top navigation bar.
- Step 3** Click **Service Engine** from the tabs on the far-right side.
- Step 4** Click the **Task** icon  on the far-right side of the Downloads work pane and select **Add File to Service Engine**.
- Step 5** In the **URL** enter the http address and click **Submit**.
- Click **Refresh** icon  on the far-right side of the Downloads work pane to check the upload status.
- Step 6** Once the **Status** is completed then click the **Apps** tab.
- The Cisco NIR application installation progress dialog appears.
- Step 7** After installing, click the **Apps** tab.
- Once the application installation is completed, the NIR icon appears with the **Enable** button in green.
- Step 8** Click **Enable** to open the application.
- A Details dialog appears.
- Step 9** Click **Enable**.
- The application icon appears with a blue **Open** button.
- Step 10** Click **Open** from the Cisco NIR application dialog.
- The application opens with a splash screen welcome dialog for Cisco NIR.
- Step 11** Click **Begin First Time Setup** to setup the Cisco NIR application.
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## What to do next

Continue with the setup of the Cisco Network Insights for Resources application located in the Cisco NIR Initial Setup section of the next chapter.