



# Cisco NFVIS ThousandEyes Support

**Table 1: Feature History**

Feature Name	Release Information	Description
Cisco NFVIS ThousandEyes Support	Cisco NFVIS Release 4.11.1	This feature adds support to deploy and operate Cisco ThousandEyes as a container using Cisco NFVIS. Download the NFVIS ThousandEyes agent container image from the <a href="#">docker hub</a> , upload it to the Cisco NFVIS portal and deploy the ThousandEyes container to leverage ThousandEyes related technologies within Cisco NFVIS.

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## Information About Cisco NFVIS ThousandEyes Support

Cisco NFVIS supports Cisco ThousandEyes to provide a pre-integrated solution that allows deploying ThousandEyes enterprise agents as a container on Cisco NFVIS. This enables running ThousandEyes network monitoring and testing capabilities directly on your Cisco NFVIS infrastructure. The feature provides visibility into the performance of the underlying network infrastructure.

### Benefits of Cisco NFVIS ThousandEyes Support

- Gain end-to-end visibility into the performance of your network infrastructure, including cloud providers, WAN links, and internal data center networks within Cisco NFVIS providing end-to-end visibility into network performance.
- Reduce mean time to resolution (MTTR) for network issues, improve network reliability, and optimize application performance.

## Prerequisites For Cisco NFVIS ThousandEyes Support

- Ensure that the minimum software version for Cisco NFVIS devices is Cisco NFVIS Release 4.11.1.
- Ensure that your devices are meeting the minimum hardware requirements. For more information on the minimum hardware requirements see, [Enterprise Agent System Requirements](#) in the ThousandEyes documentation.

## Restrictions For Cisco NFVIS ThousandEyes Support

- Only **0.16-1676590620** and **0.14-1674596680** are the two ThousandEyes enterprise agent docker images that are supported by Cisco NFVIS. Download the images from the [thousandeyes/enterprise-agent](#) page.
- You can't deploy ThousandEyes as a VM (Virtual Machine) on Cisco NFVIS.

## Deploy ThousandEyes on Cisco NFVIS

Download the latest **ThousandEyes** container image file from the [docker hub](#).

Upload the **ThousandEyes** container image file to the Cisco NFVIS and register the image. For more information on uploading and registering the image files see, [Uploading VM Images to an NFVIS Server](#) and [Registering NFVIS Container Image](#).

Use the following steps to deploy ThousandEyes VM:

1. In Cisco NFVIS portal, click **Configuration > Deploy**.
2. In the **Select VM or Container** menu, click **TE** and the ThousandEyes node is displayed inside the topology.
3. Configure the following fields in the **VM Details** window.

Field	Description
<b>VM Name</b>	Enter the container's name.
<b>Image</b>	Choose the registered <b>thousandeyes.docker</b> image from the drop-down or click + button to add a new image.
<b>Profile</b>	Choose the profile for the ThousandEyes agent from the drop-down or click the + button to add a new profile.
<b>Group Name</b>	(Optional) Choose a group name from the drop-down list.

Field	Description
<b>Deployment Disk</b>	Choose a deployment disk from the drop-down. <b>Note</b> Do not choose NFS Store as a deployment disk from the drop-down.
<b>Add Bootstrap Config</b>	Add bootstrap config data in the expanded <b>Add Bootstrap Config</b> pane. Check the <b>Is External File Path</b> check box if your bootstrap file path is from an external source.
<b>Add Config Options</b>	Add the additional configuration in the expanded <b>Add Config Options</b> pane. Choose the <b>Config Option Name</b> , Enter the <b>Config Option Value</b> after = in the pre-populated config option value. For example, TEAGENT_INET=4
<b>Add Volume</b>	Volume required to enable ThousandEyes on Cisco NFVIS is pre-populated with the minimum required volume. You can add or remove volumes based on your requirement.
<b>Remove Volume</b>	You can remove volumes based on your requirement.
<b>Exclude Disks from Export</b>	Not supported by ThousandEyes.

4. Click **Deploy**.

## Access ThousandEyes Using Cisco NFVIS

ThousandEyes **Enterprise Agents** displays the status of the enterprise agents deployed in Cisco NFVIS. For more information see, [ThousandEyes Documentation](#).

