

How To Monitor Azure Cloud With NCPA In Nagios XI 2024 And 2026

Purpose

This document describes how to monitor Azure Cloud with NCPA in Nagios XI.

Important Note: this wizard is one of Nagios XI's Premium features, so requires active support and maintenance benefits to function. For questions about renewing your benefits if they have lapsed, please email sales@nagios.com so we can assist you further.

Overview

Before you can use the instructions outlined in this document, you must first install NCPA on the target Windows / RHEL / Ubuntu / CentOS machine hosting Microsoft Azure Cloud that you wish to monitor. Instructions for installing NCPA can be found in the [Installing NCPA](#) documentation.

Using The Microsoft Azure Cloud Wizard

To begin using the Microsoft Azure Cloud wizard navigate via the top menu bar to **Configure > Configuration Wizards** and select the **Microsoft Azure Cloud** wizard.

1. Wizard Step 1

- Type the address or FQDNS name of the host you want to monitor.
- You can specify the port number if you have changed it from the default of 5693.
- Type the Token you are using on the NCPA agent.
- Click **Next**

Microsoft Azure Cloud Configuration Wizard Step 1

Agent Installation

Agent Download: [Download NCPA](#)

Installation Guide: [Installing NCPA](#)

Note: FreeBSD, Container Distributions, and One-click apps are not yet supported in this configuration wizard.

Connect to NCPA

Do not verify SSL certificate

Address *

Port *

Token *

Next >

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2. Wizard Step 2

On this step you will configure all the options for monitoring. In the screenshot you can see some of the options available.

- Enter a valid **Host Name**.
- Select the metrics that you'd like to monitor.
- You can adjust the warning and critical thresholds for each metric to suit your needs.
- Click **Next** once you have selected all the required options.

The screenshot displays the 'Microsoft Azure Cloud Configuration Wizard' at 'Step 2'. The interface is dark-themed and contains the following sections:

- Connection Information:** Includes fields for 'Address' (192.168.0.198), 'Host Name' (192.168.0.198), and 'Port' (5693).
- Host Check:** A message states 'Ping failed to detect this host. Please specify a TCP Port which will always be open, so that we can use it to determine host state'. Below this is a 'Host Check Port' field containing '5693'.
- CPU Metrics:** A section titled 'Specify the metrics you'd like to monitor on the NCPA Agent.' It features a checked checkbox for 'CPU Usage'. To its right are two threshold sliders: a warning threshold at 20% (indicated by a yellow triangle) and a critical threshold at 40% (indicated by a red circle). Below these is a checked checkbox for 'Show average CPU usage instead of per cpu core'.
- Memory Metrics:** A section titled 'Default units for memory metric output' with a dropdown menu currently set to 'Gi'.

3. Complete the wizard by choosing the required options in **Step 3 – Step 5**.
4. To finish up, click on **Finish** in the final step of the wizard. This will create new hosts and services and begin monitoring.

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Once the wizard applies the configuration, click the **View status details** for <Microsoft Azure HOST> link to see the new service that was created.

More Information:

[Using Configuration Wizards](#)

Finishing Up

This completes the documentation on how to monitor Azure Cloud with NCPA in Nagios XI. If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Nagios Knowledge Base](#)

[Visit Nagios Library](#)