How To Monitor Devices Using NCPA In Nagios XI 2024 And 2026

Purpose

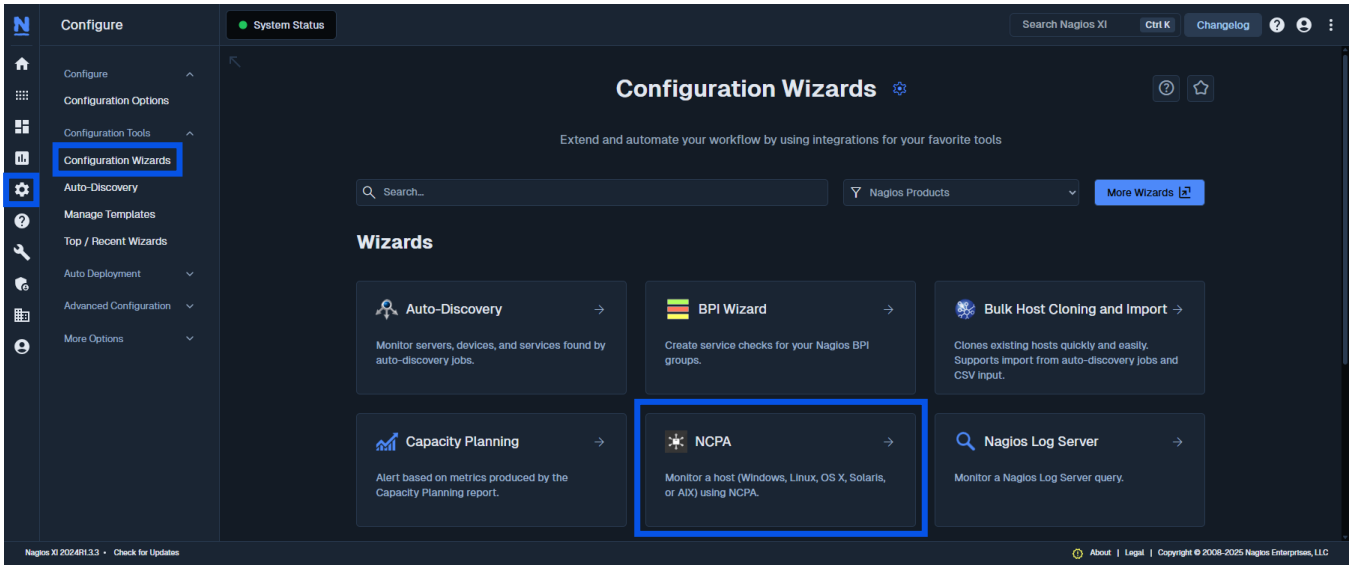
This document explains how to monitor devices using Nagios Cross-Platform Agent (NCPA) in Nagios XI. It outlines the installation, configuration, and integration steps necessary to enable seamless monitoring of devices across various platforms. It is intended for system administrators, IT professionals, and technical users responsible for monitoring and maintaining IT systems and devices. A basic understanding of Nagios XI and general networking concepts is assumed.

Installing NCPA

Before you can use the instructions outlined in this document, you must first install NCPA on the target Windows/Linux/AIX/Mac OS X machine you wish to monitor. Instructions for installing NCPA can be found in the Installing NCPA documentation.

Running The NCPA Configuration Wizard

1. To begin using the NCPA Configuration Wizard, navigate to **Configure** > **Configuration Wizards** and select the **NCPA** wizard.



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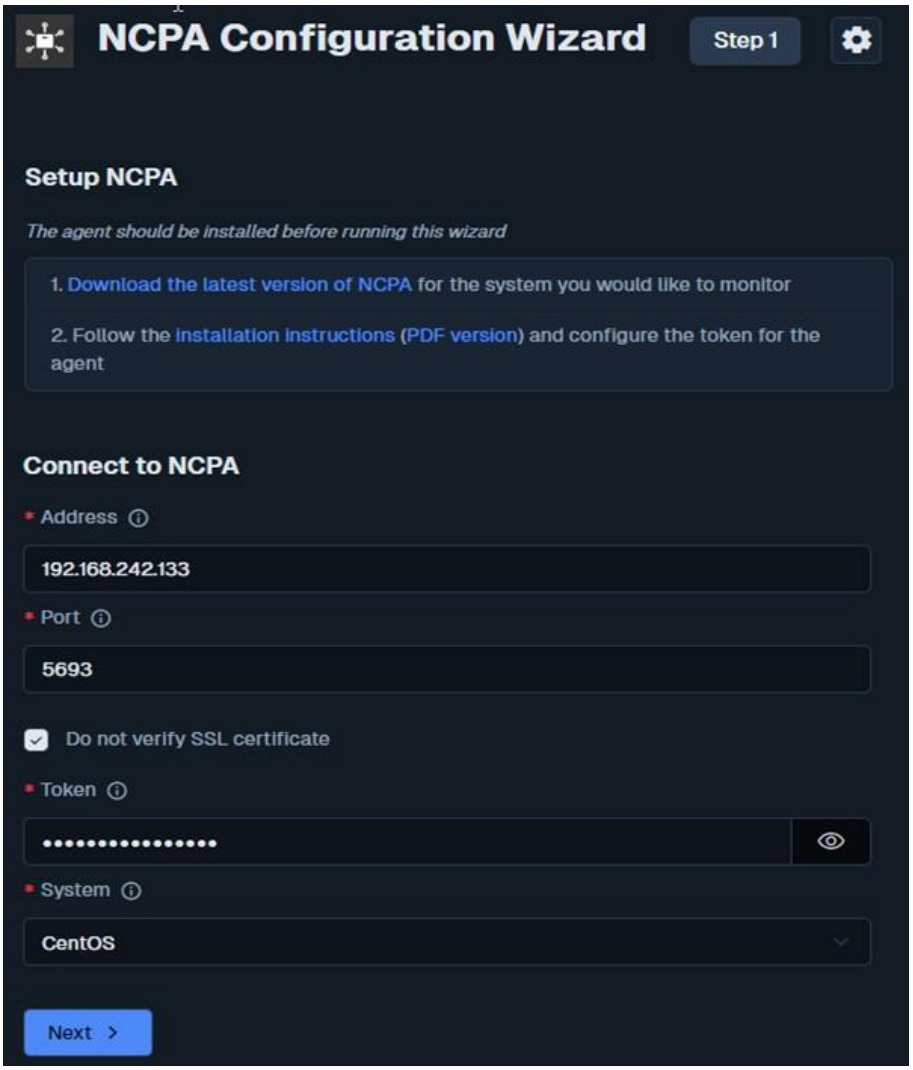
2. In **Step 1**, enter the connection details for the device you want to monitor.
    a. **Address:** Provide the IP address or the hostname of the target system running NCPA.
    b. **Port:** Specify the port number if it differs from the default (5693).
    c. **Token:** Input the authentication token used by NCPA.
    d. **System:** Select the OS that NCPA is installed on.
    e. Click **Next** to proceed.



Note: When you click **Next** the token will be validated. If the token is wrong or the machine cannot be contacted, the wizard will return to **Step 1**, until the token can be successfully verified.

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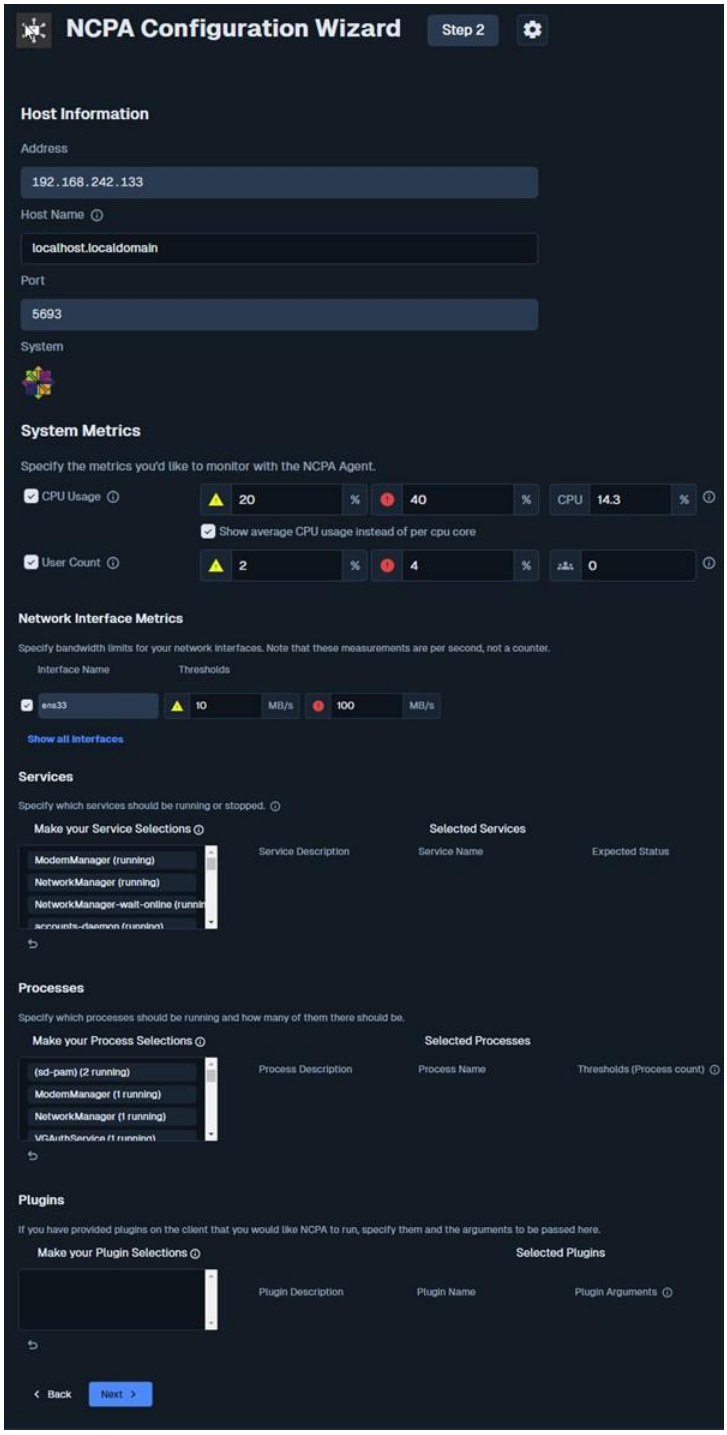
3. In **Step 2**, configure the options you want to monitor:
    - **Host Name**: Verify the hostname is correctly entered.
    - Select the metrics you want to monitor, such as **CPU Usage**, **Memory Usage**, disk space, and network traffic**.**

      Some metrics are automatically filled based on data collected by Nagios XI.

      Set **Warning** and **Critical** thresholds for each selected metric to define acceptable performance limits.
    - Click **Next** to proceed.



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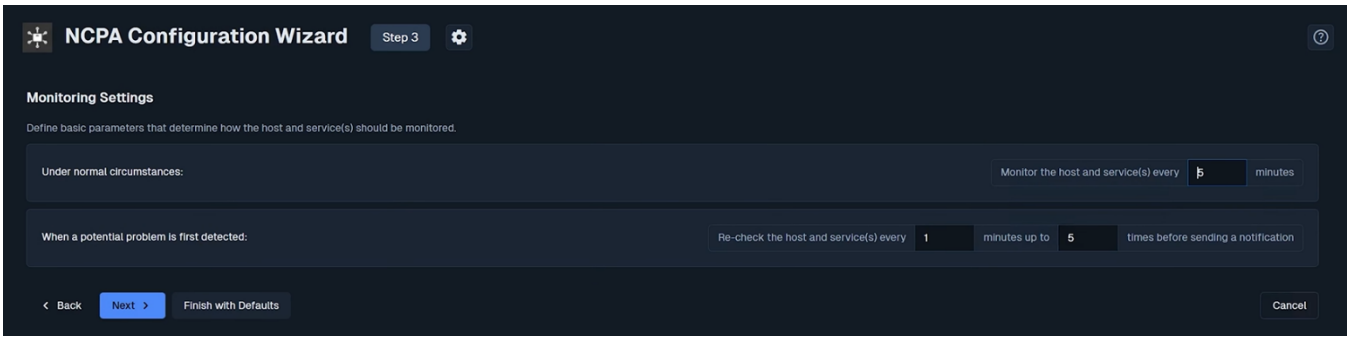
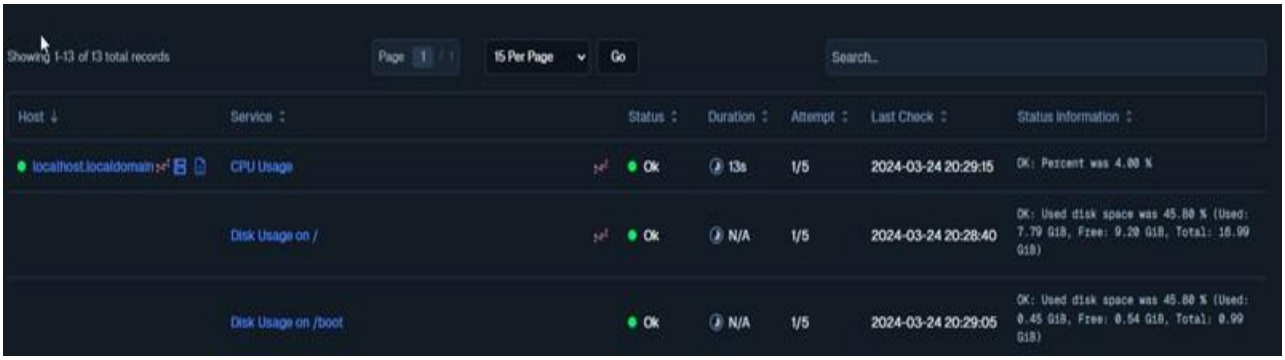
4. In **Step 3**, complete the NCPA wizard by clicking **Finish with Defaults**.

   Alternatively, you can adjust the defaults in Steps 3, 4, and 5. Click **Next** after making changes in each step, then click **Finish** on Step 5.



Upon completion, Nagios XI will create the new host and services and start monitoring the system automatically. Click the **View status details for <NCPA HOST>** link to see the details.



Finishing Up

This completes the documentation on how to monitor devices using NCPA in Nagios XI. If you have additional questions or other support-related questions, please visit the Nagios Support Forum, Nagios Documentation Hub, or Nagios Library:

Visit Nagios Support Forum Visit Documentation Hub Visit Nagios Library

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