

# How To Monitor Linode Using NCPA in Nagios XI

## Purpose

This document explains how to monitor Linode instances (CentOS, Debian, Fedora, openSUSE, or Ubuntu) with Nagios XI using the Nagios Cross Platform Agent.

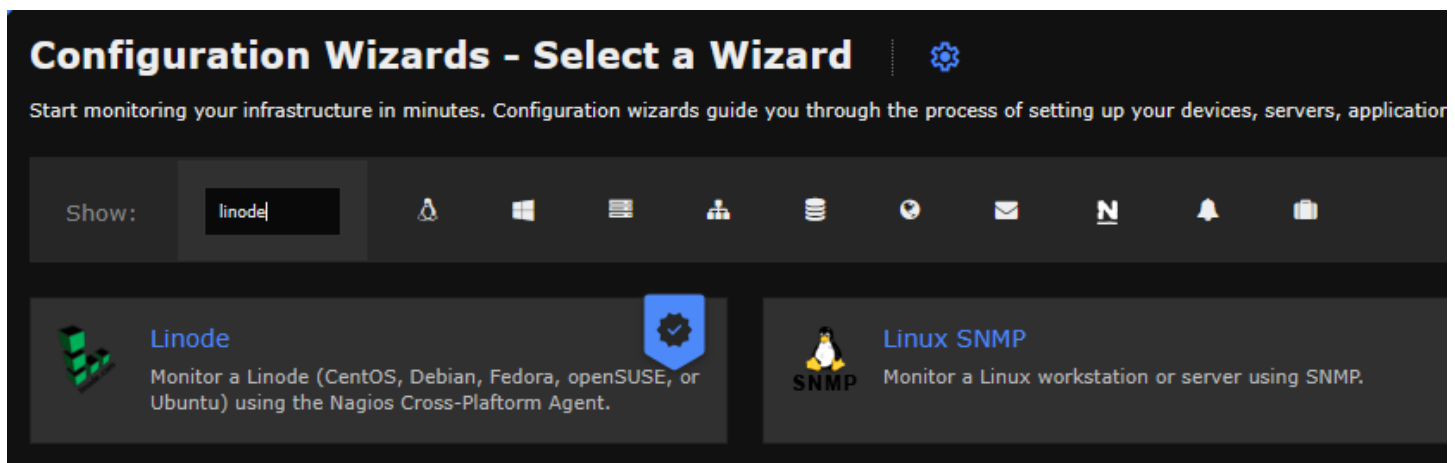
**Important Note:** this wizard is one of Nagios XI's Premium features, so requires active support and maintenance benefits to function. For questions about renewing your benefits if they have lapsed, please email [sales@nagios.com](mailto:sales@nagios.com) so we can assist you further.

## Installing NCPA

Before you can use the instructions outlined in this document, you must first install NCPA on instance that you wish to monitor. Instructions for installing NCPA can be found in the [Installing NCPA](#) documentation.

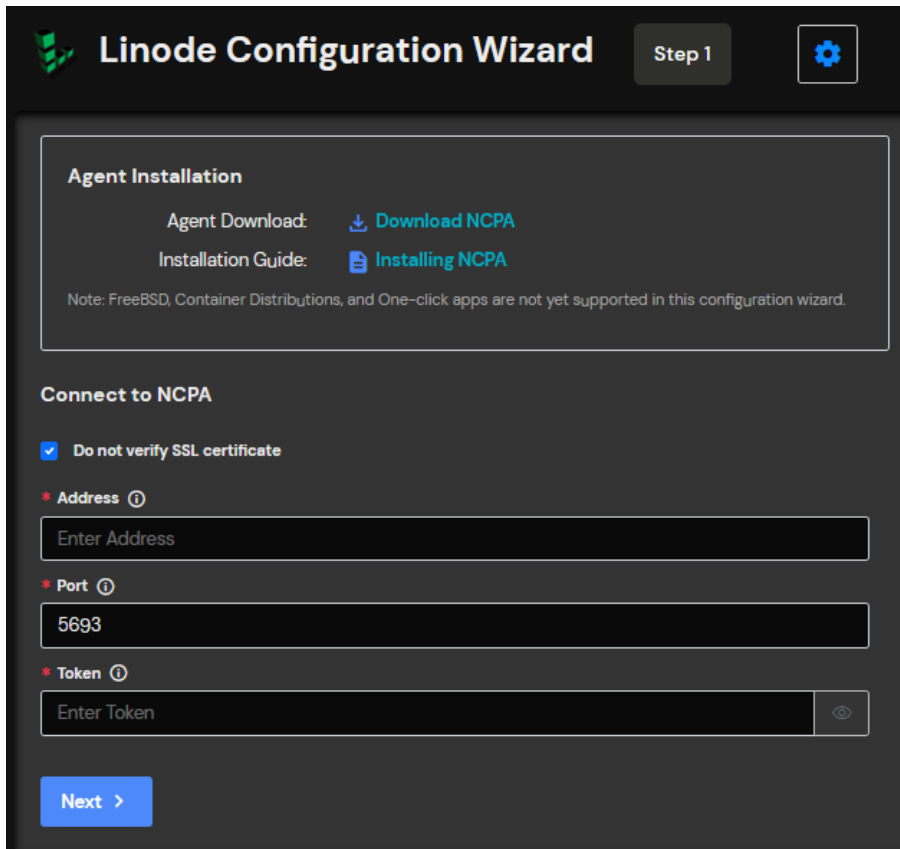
## Using The Linode Wizard

1. To begin using the Linode wizard navigate to **Configure > Configuration Wizards**, search for 'linode', and click the **Linode Wizard**.



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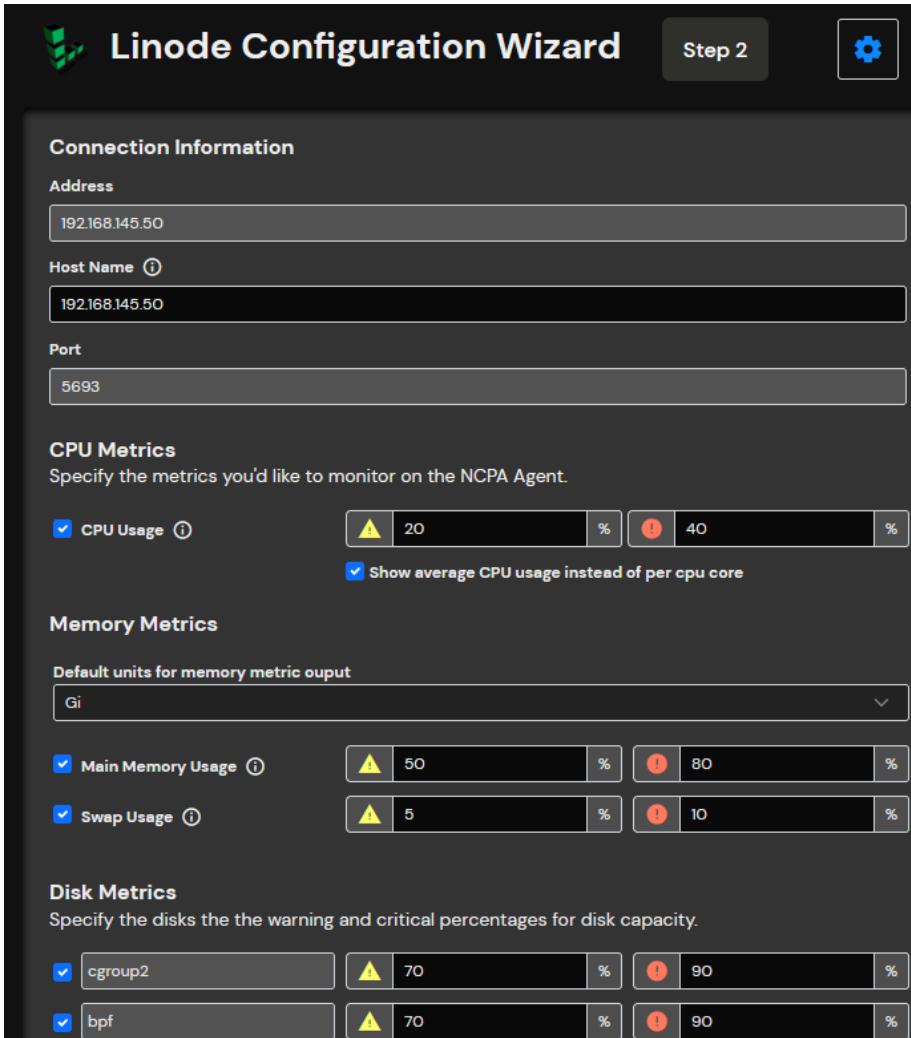
2. In **Step 1** of the wizard, enter the IP or FQDNS of the instance, specify the NCPA port number (if you have changed it from the default of 5693), enter your NCPA token, then click **Next**.



The screenshot shows the 'Linode Configuration Wizard' interface, specifically 'Step 1'. The title bar includes the Linode logo, the text 'Linode Configuration Wizard', a 'Step 1' indicator, and a settings gear icon. The main content area is titled 'Agent Installation' and contains links for 'Agent Download' (Download NCPA) and 'Installation Guide' (Installing NCPA). A note states: 'Note: FreeBSD, Container Distributions, and One-click apps are not yet supported in this configuration wizard.' Below this is the 'Connect to NCPA' section, which includes a checked checkbox for 'Do not verify SSL certificate'. There are three required input fields: 'Address' (placeholder: Enter Address), 'Port' (placeholder: 5693), and 'Token' (placeholder: Enter Token). A 'Next >' button is located at the bottom left of the form.

3. In **Step 2** of the wizard, you configure the monitoring options.
  - 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.

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The screenshot shows the 'Linode Configuration Wizard' at 'Step 2'. The interface is dark-themed. At the top, there's a Linode logo and the title 'Linode Configuration Wizard'. Below this, a 'Step 2' button and a settings gear icon are visible. The main section is titled 'Connection Information' and contains three input fields: 'Address' (192.168.145.50), 'Host Name' (192.168.145.50), and 'Port' (5693). Below this is the 'CPU Metrics' section, which includes a checkbox for 'CPU Usage' (checked), two input fields for warning (20) and critical (40) thresholds, and a checkbox for 'Show average CPU usage instead of per cpu core' (checked). The 'Memory Metrics' section has a dropdown for 'Default units for memory metric output' set to 'Gi', and checkboxes for 'Main Memory Usage' (checked) and 'Swap Usage' (checked), each with warning and critical threshold inputs. The 'Disk Metrics' section has a description and checkboxes for 'cgroup2' and 'bpf', each with warning and critical threshold inputs.

**Linode Configuration Wizard** Step 2

**Connection Information**

Address: 192.168.145.50

Host Name: 192.168.145.50

Port: 5693

**CPU Metrics**  
Specify the metrics you'd like to monitor on the NCPA Agent.

☒ CPU Usage ①

Warning: 20 % Critical: 40 %

☒ Show average CPU usage instead of per cpu core

**Memory Metrics**

Default units for memory metric output: Gi

☒ Main Memory Usage ①

Warning: 50 % Critical: 80 %

☒ Swap Usage ①

Warning: 5 % Critical: 10 %

**Disk Metrics**  
Specify the disks the the warning and critical percentages for disk capacity.

☒ cgroup2

Warning: 70 % Critical: 90 %

☒ bpf

Warning: 70 % Critical: 90 %

4. Complete the wizard by choosing the required options in **Step 3 – Step 5**.

To finish up, click on **Finish** in the final step of the wizard. This will create the new host and services and begin monitoring.

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

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## More Information:

[Understanding and Using Configuration Wizards in Nagios XI](#)

## Finishing Up

This completes the documentation on Monitoring Linode Instances using 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](#)