

How to Monitor Nutanix CE With Nagios XI 2026

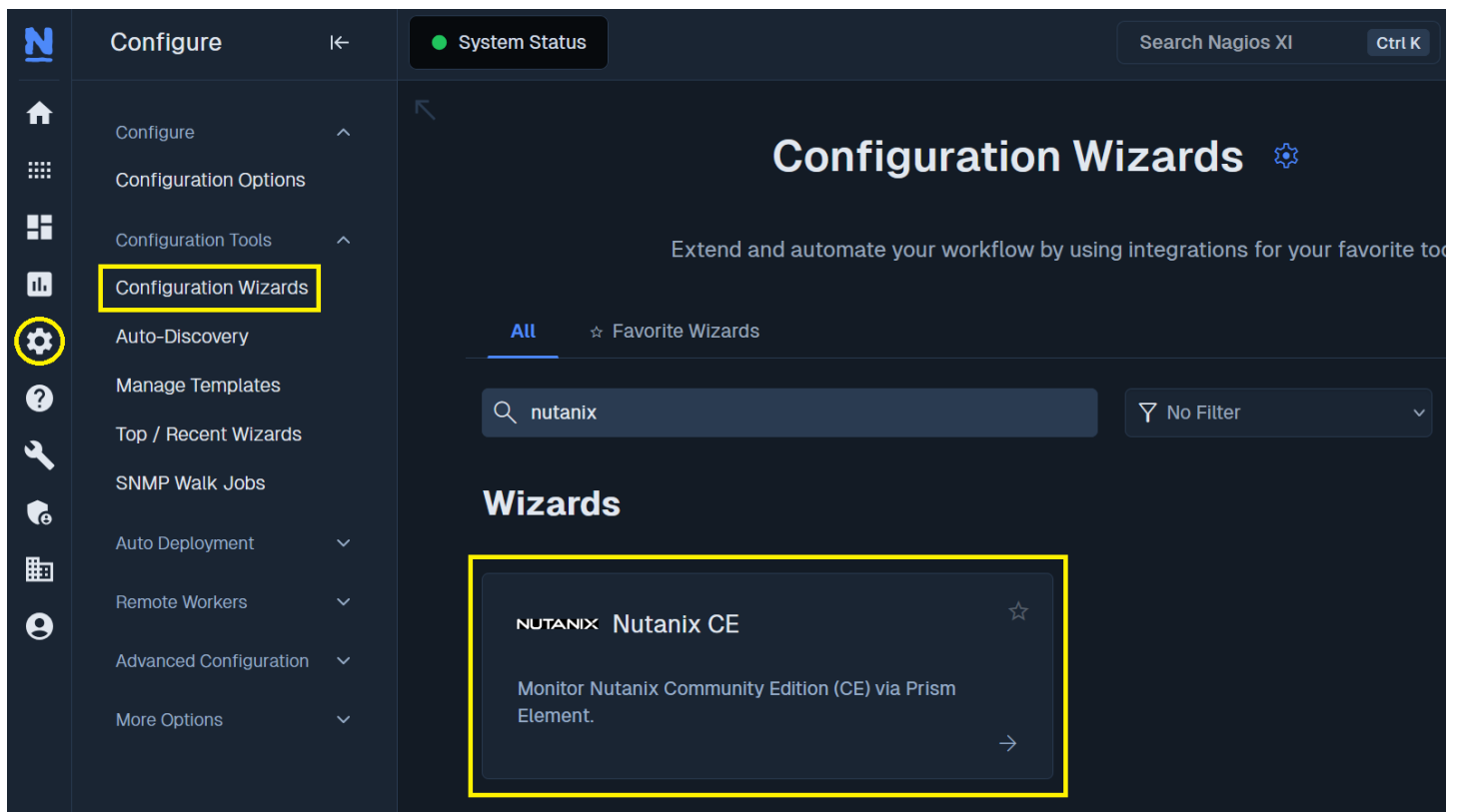
Purpose

This document describes how to use the Nutanix CE wizard in Nagios XI 1.4+ to monitor Nutanix Community Edition cluster, VM, and host metrics via Prism Element.

Finding the Nutanix Wizard

To begin, navigate to **Configure > Configuration Tools > Configuration Wizards**.

Search for `nutanix`, then click the **Nutanix CE** wizard:

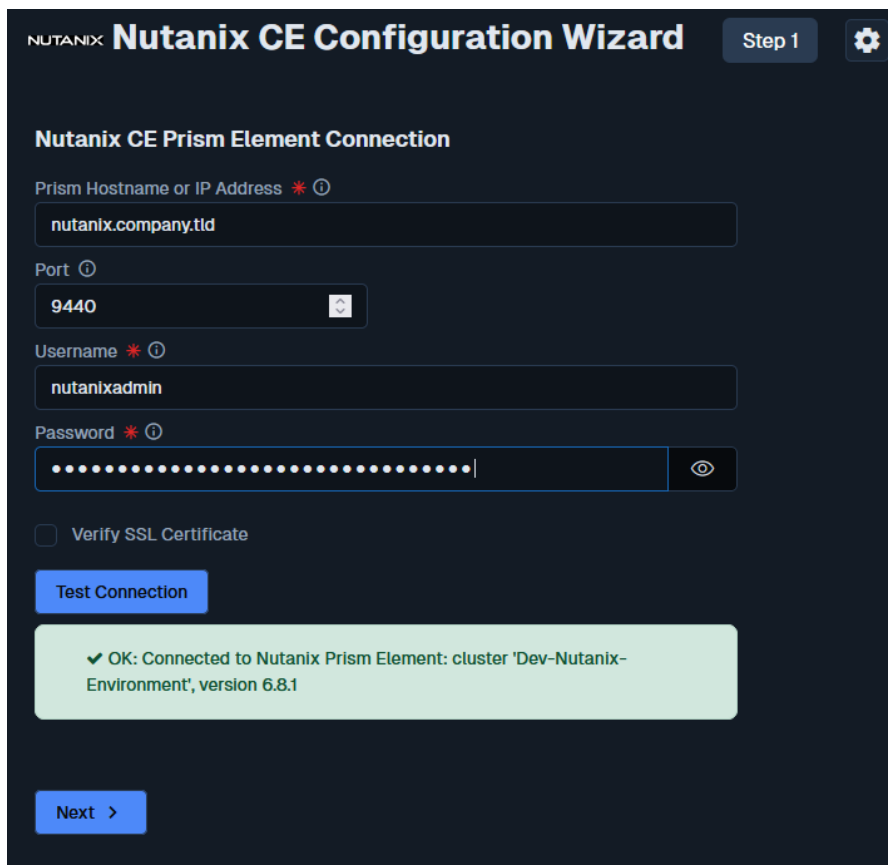


How to Monitor Nutanix CE With Nagios XI 2026

Using the Wizard

Step 1

In **Step 1**, enter the **Prism Hostname or IP Address**, the **Port** (default 9940), and the **Username** and **Password** to connect with.



The screenshot shows the 'Nutanix CE Configuration Wizard' interface. At the top, it says 'NUTANIX Nutanix CE Configuration Wizard' with a 'Step 1' indicator and a settings gear icon. The main heading is 'Nutanix CE Prism Element Connection'. Below this, there are four input fields: 'Prism Hostname or IP Address' with the value 'nutanix.company.tld', 'Port' with the value '9440', 'Username' with the value 'nutanixadmin', and 'Password' which is masked with dots. There is a 'Verify SSL Certificate' checkbox which is unchecked. A blue 'Test Connection' button is present. Below the button, a green message box displays '✓ OK: Connected to Nutanix Prism Element: cluster 'Dev-Nutanix-Environment', version 6.8.1'. At the bottom left, there is a blue 'Next >' button.

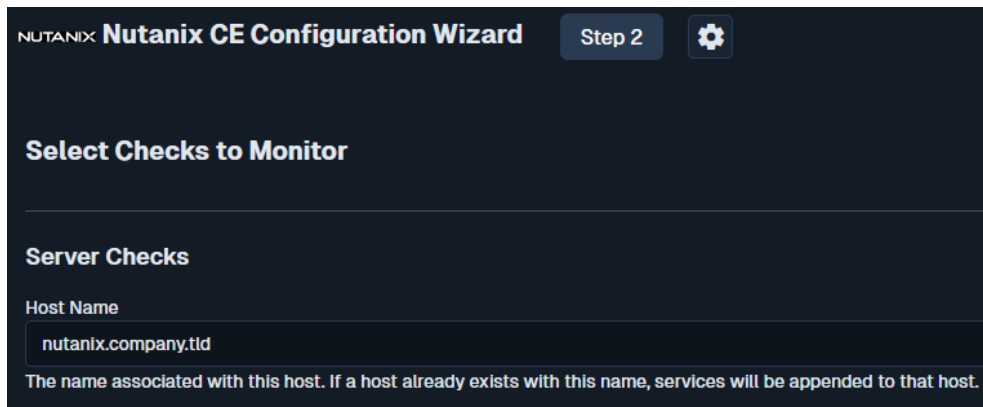
Once you've entered your connection details, you can click the **Test Connection** button to verify they work. You'll see a green **OK** message like the one in the above screenshot if all is well.


Once your working settings are entered, click **Next** to proceed to **Step 2**.

How to Monitor Nutanix CE With Nagios XI 2026

Step 2

First in **Step 2**, define a **Host Name** for your cluster checks (this will determine the friendly name the cluster host object created by the wizard will show as in the XI interface).



NUTANIX **Nutanix CE Configuration Wizard** Step 2 

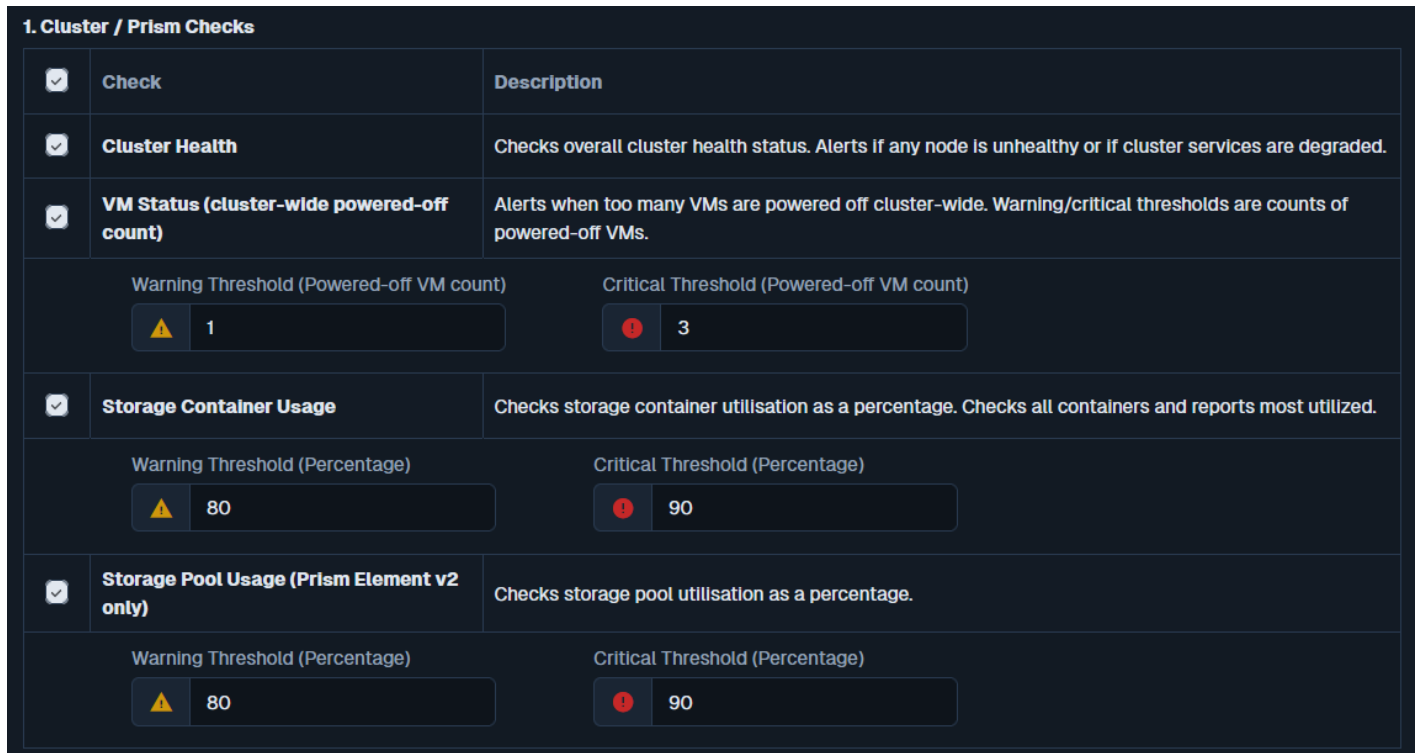
Select Checks to Monitor

Server Checks

Host Name

The name associated with this host. If a host already exists with this name, services will be appended to that host.

Next, choose which **Cluster/Prism Checks** you want to run, and their thresholds:



<input checked="" type="checkbox"/>	Check	Description
<input checked="" type="checkbox"/>	Cluster Health	Checks overall cluster health status. Alerts if any node is unhealthy or if cluster services are degraded.
<input checked="" type="checkbox"/>	VM Status (cluster-wide powered-off count)	Alerts when too many VMs are powered off cluster-wide. Warning/critical thresholds are counts of powered-off VMs.
Warning Threshold (Powered-off VM count)		Critical Threshold (Powered-off VM count)
<input type="text" value="1"/>	<input type="text" value="3"/>	
<input checked="" type="checkbox"/>	Storage Container Usage	Checks storage container utilisation as a percentage. Checks all containers and reports most utilized.
Warning Threshold (Percentage)		Critical Threshold (Percentage)
<input type="text" value="80"/>	<input type="text" value="90"/>	
<input checked="" type="checkbox"/>	Storage Pool Usage (Prism Element v2 only)	Checks storage pool utilisation as a percentage.
Warning Threshold (Percentage)		Critical Threshold (Percentage)
<input type="text" value="80"/>	<input type="text" value="90"/>	

How to Monitor Nutanix CE With Nagios XI 2026

In the **Virtual Machine Checks** section, select the VMs to monitor in the first part:

Virtual Machine Checks			
1. Select VMs to Monitor			
<input type="checkbox"/>	VM Name	Power State	UUID
<input checked="" type="checkbox"/>	test-VM-3	ON	12acd0c5-8129-43b7
<input checked="" type="checkbox"/>	test-VM-2	OFF	7001aa30-3b40-440a
<input checked="" type="checkbox"/>	test-VM-for-nutanix-wizard	ON	7d1bc5a6-bf76-4404
<input type="checkbox"/>	NTNX-b48	ON	94bc56ee-fb0d-48aa

...and the performance checks to run on them, along with their thresholds, in the second:

2. VM Checks		
<input checked="" type="checkbox"/>	Check	Description
<input checked="" type="checkbox"/>	CPU Usage	VM CPU utilisation
Warning Threshold (Percentage)		Critical Threshold (Percentage)
<input type="text" value="80"/>	<input type="text" value="95"/>	
<input checked="" type="checkbox"/>	Memory Usage	VM memory utilisation
Warning Threshold (Percentage)		Critical Threshold (Percentage)
<input type="text" value="80"/>	<input type="text" value="95"/>	
<input checked="" type="checkbox"/>	Disk I/O	Combined read + write disk bandwidth in kBps
Warning Threshold (kBps)		Critical Threshold (kBps)
<input type="text" value="10000"/>	<input type="text" value="50000"/>	
<input checked="" type="checkbox"/>	Network I/O	Combined RX + TX network bandwidth in kBps
Warning Threshold (kBps)		Critical Threshold (kBps)
<input type="text" value="10000"/>	<input type="text" value="50000"/>	

How to Monitor Nutanix CE With Nagios XI 2026

In the final **Host Machine Checks** section, select the Nutanix Hosts to monitor:

Host Machine Checks

1. Select Hosts to Monitor

<input type="checkbox"/>	Host Name	State	UUID
<input checked="" type="checkbox"/>	NTNX-b48e	kAcropolisNormal	42792768-dd4d-4d10

...and the Host Checks to run on them:

2. Host Checks

<input checked="" type="checkbox"/>	Check	Description
<input checked="" type="checkbox"/>	Node Health (hypervisor state + CPU/memory rollup)	Checks hypervisor state plus worst-case CPU and memory across all selected nodes.
<input checked="" type="checkbox"/>	Node CPU Usage	Checks CPU utilisation percentage on each selected node.
Warning Threshold (Percentage)		Critical Threshold (Percentage)
<input type="text" value="80"/>	<input type="text" value="95"/>	
<input checked="" type="checkbox"/>	Node Memory Usage	Checks memory utilisation percentage on each selected node.
Warning Threshold (Percentage)		Critical Threshold (Percentage)
<input type="text" value="80"/>	<input type="text" value="95"/>	
<input checked="" type="checkbox"/>	Node Disk I/O	Combined read + write disk bandwidth in kBps. Requires a specific node to be selected.
Warning Threshold (kBps)		Critical Threshold (kBps)
<input type="text" value="10000"/>	<input type="text" value="50000"/>	
<input checked="" type="checkbox"/>	Node Network I/O	Combined RX + TX network bandwidth in kBps. Requires a specific node to be selected.
Warning Threshold (kBps)		Critical Threshold (kBps)
<input type="text" value="10000"/>	<input type="text" value="50000"/>	

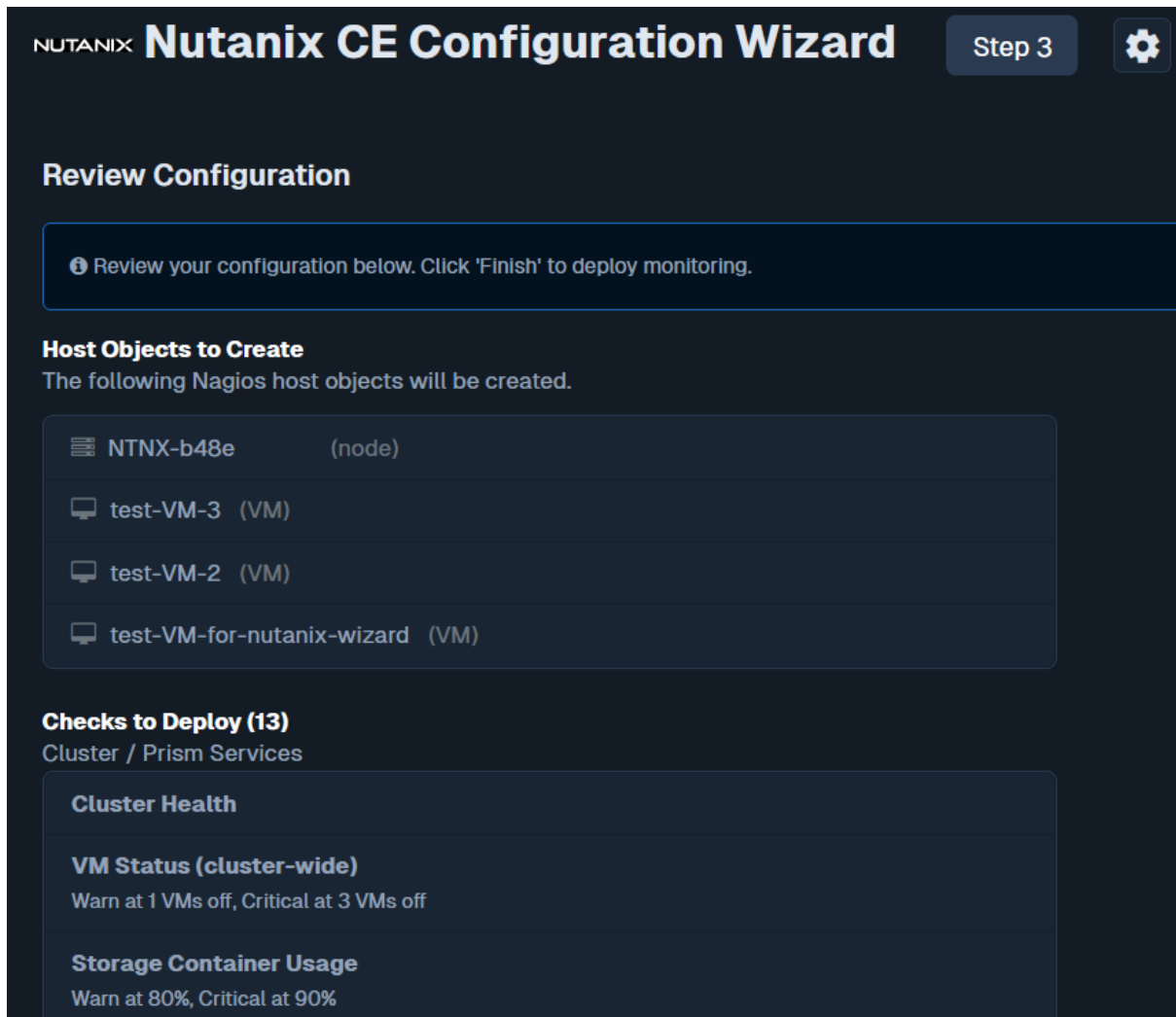
< Back Next >

Once you've finalized your selections, click **Next** to proceed to **Step 3**.

How to Monitor Nutanix CE With Nagios XI 2026

Step 3

At the top of **Step 3**, you'll see a **Review Configuration** section with a summary of your Step 2 selections:



The screenshot shows the 'Nutanix CE Configuration Wizard' interface at 'Step 3'. The main heading is 'Review Configuration'. Below this, there is an information icon and a message: 'Review your configuration below. Click 'Finish' to deploy monitoring.' The section 'Host Objects to Create' lists four items: 'NTNX-b48e (node)', 'test-VM-3 (VM)', 'test-VM-2 (VM)', and 'test-VM-for-nutanix-wizard (VM)'. The 'Checks to Deploy (13)' section is expanded to show 'Cluster / Prism Services' with three sub-sections: 'Cluster Health', 'VM Status (cluster-wide)' (Warn at 1 VMs off, Critical at 3 VMs off), and 'Storage Container Usage' (Warn at 80%, Critical at 90%).

If all looks well, you can proceed to define common monitoring settings as usual in **Steps 3-5**. If you need to make changes before proceeding, click the **Back** button.

You can learn more about the common wizard steps and settings here:

























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

Once you're finished, click the **Finish** button.

How to Monitor Nutanix CE With Nagios XI 2026

After the configuration applies, you'll be able to view the status of the new objects:

Cluster

 nutanix.company.tld	   	Cluster Health	    Ok	 10m 3s	1/5	2026-04-15 10:08:59	OK: Cluster 'Dev-Nutanix-Environment' healthy, Normal mode, 1 node(s), storage 0.4% used
		Storage Containers	    Ok	 11m 39s	1/5	2026-04-15 10:07:19	OK: All 3 container(s) healthy (worst default-container-26186311527924: 0.3%)
		Storage Pools	    Ok	 11m 0s	1/5	2026-04-15 10:08:01	OK: Storage pool 'default-storage-pool-26186311527924' usage 0.00% (0.00GB / 1895.35GB)
		VM Status	    Ok	 9m 52s	1/5	2026-04-15 10:04:13	OK: 2/3 VM(s) powered on

VM

 Nutanix-VM	   	CPU	    Ok	 N/A	1/5	2026-04-15 10:10:58	OK: VM 'test-VM-3' CPU usage is 2.43%
		Disk I/O	    Ok	 N/A	1/5	2026-04-15 10:10:58	OK: VM 'test-VM-3' disk I/O 3kBps (0.0 MB/s)
		Memory	    Ok	 N/A	1/5	2026-04-15 10:10:58	OK: VM 'test-VM-3' memory usage is 52.02%
		Network I/O	    Ok	 N/A	1/5	2026-04-15 10:10:58	OK: VM 'test-VM-3' network I/O 0kBps (0.0 MB/s)
		VM Status	    Ok	 N/A	1/5	2026-04-15 10:10:58	OK: VM 'test-VM-3' is powered ON

Host

 NTNX-b48e	   	CPU	    Ok	 8m 54s	1/5	2026-04-15 10:02:56	OK: Host 'NTNX-b48e' CPU usage is 3.54%
		Disk I/O	    Ok	 7m 48s	1/5	2026-04-15 10:04:04	OK: Host 'NTNX-b48e' disk I/O 0kBps (0.0 MB/s)
		Memory	    Ok	 6m 57s	1/5	2026-04-15 10:04:53	OK: Host 'NTNX-b48e' memory usage is 25.77%
		Network I/O	    Ok	 6m 15s	1/5	2026-04-15 10:05:35	OK: Host 'NTNX-b48e' network I/O 0kBps (0.0 MB/s)
		Node Health	    Ok	 5m 9s	1/5	2026-04-15 10:06:41	OK: All 1 host(s) healthy, max CPU=3.7% max MEM=25.8%

How to Monitor Nutanix CE With Nagios XI 2026

Finishing Up

This completes the documentation on Monitoring Nutanix CE with Nagios XI 2026. If you have additional questions or other support-related questions, please visit the Nagios Support Forum, Nagios Documentation Hub, or Nagios Library:

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