

How To Monitor Windows Using SNMP With Nagios XI 2024 And 2026

Purpose

This document explains how to use the Windows SNMP wizard to monitor status and performance metrics on Microsoft Windows systems using SNMP (Simple Network Management Protocol).

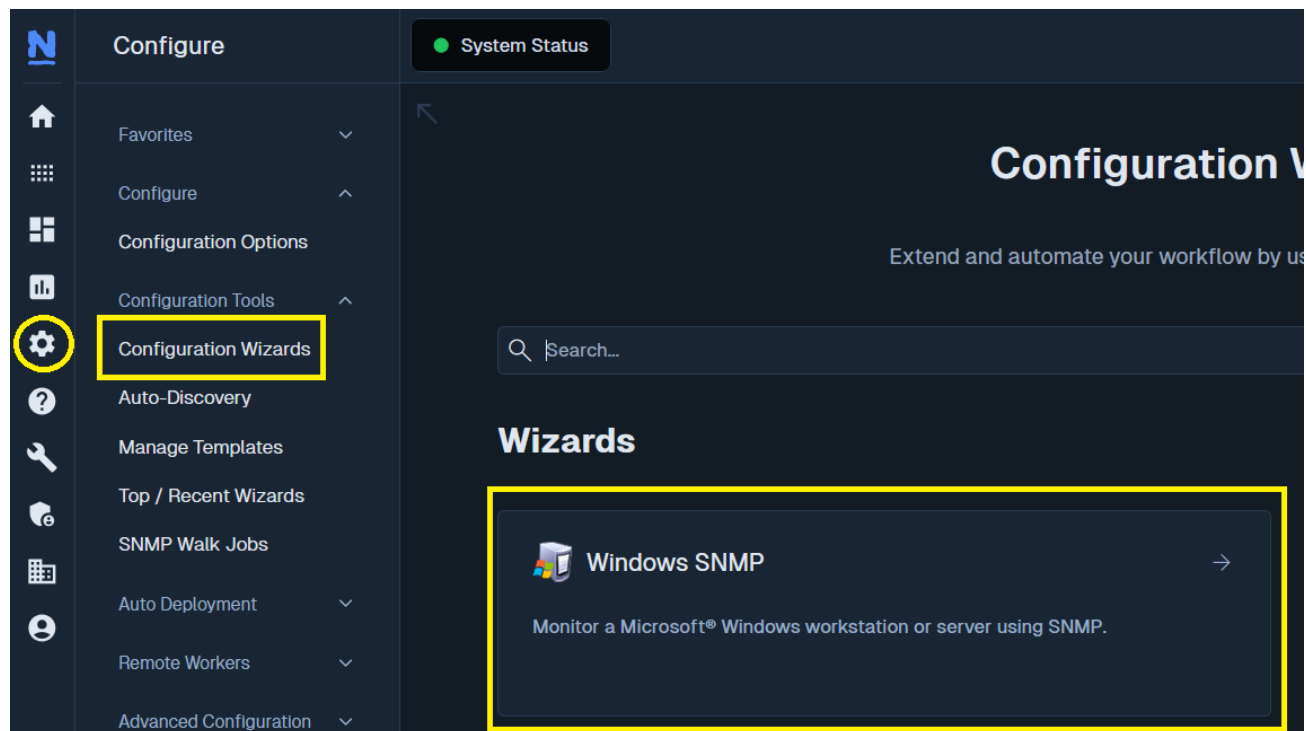
Setting up SNMP

In order to use the Windows SNMP wizard, you'll need to enable SNMP on the Windows machine you wish to monitor. This article provides the steps using a Windows 11 machine as an example:

[How to Set Up and Monitor Windows 11 Using SNMP](#)

Using the Wizard

1. Navigate to **Configuration -> Configuration Wizards** In Nagios XI, search for 'windows SNMP', and click the Windows SNMP wizard.



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2. In **Step 1** of the wizard, you will enter the SNMP connection details and credentials for the machine, including IP Address, Operating System, SNMP Version, SNMP Port, and SNMP Community String.

Windows SNMP Configuration Wizard Step 1

Windows Machine Information

IP Address * ⓘ
Enter IP Address

Operating System *
Choose an Operating System...

SNMP Settings

Specify the settings used to monitor the Windows machine via SNMP

SNMP Version * ⓘ
2c

SNMP Port * ⓘ
161

SNMP Version Settings

SNMP Community * ⓘ
public

Next >

After entering the details, click **Next**.

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3. In **Step 2** of the wizard, either keep the **Host Name** detected when Nagios XI connected to the system, or define a new one. Next, select the metrics you wish to monitor and define your alert thresholds. The wizard will automatically scan for drives, services, and processes.

Windows SNMP Configuration Wizard

Step 2

Windows Machine Details

IP Address: 192.168.107.

Host Name:

Server Metrics

Specify which services you would like to monitor for the Windows machine

- ☒ Ping
- ☒ CPU: 80% (Warning), 90% (Critical)
- ☒ Physical Memory Usage: 80% (Warning), 90% (Critical)
- ☒ Virtual Memory Usage: 5% (Warning), 10% (Critical)
- ☒ Disk Usage

The wizard will populate detected drives automatically. To add more drives select a new drive from the dropdown list.

Drive	Warning	Critical
C:	80%	95%

[Add Row](#) | [Delete Row](#)

Services

Specify any services that should be monitored to ensure they are in a running state
Note: The Windows Service name must match the full name of the service you want to monitor.

The SNMP wizard detected 139 services on

Windows Service	Display Name	Scanned Service List (Service Name (Display Name) Status)
<input type="checkbox"/>		Application Information
<input type="checkbox"/>		AppX Deployment Service (AppXSVC)
<input type="checkbox"/>		Background Intelligent Transfer Service
<input type="checkbox"/>		Background Tasks Infrastructure Service
<input type="checkbox"/>		Base Filtering Engine
<input type="checkbox"/>		Capability Access Manager Service
<input type="checkbox"/>		Certificate Propagation

[Add Row](#) | [Delete Row](#) | [Add Selected](#) | [Select All](#)

Processes

Specify any processes that should be monitored to ensure they are running
Note: Process names are case-sensitive

The SNMP wizard detected 112 processes on

Windows Process	Display Name	Scanned Process List
<input type="checkbox"/>		AggregatorHost.exe
<input type="checkbox"/>		AppVShNotify.exe
<input type="checkbox"/>		audiodg.exe
<input type="checkbox"/>		backgroundTaskHost.exe
<input type="checkbox"/>		CcmExec.exe
<input type="checkbox"/>		CmRcService.exe
<input type="checkbox"/>		conhost.exe

[Add Row](#) | [Delete Row](#) | [Add Selected](#) | [Select All](#)

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Once you have made your selections, click **Next**.

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 <hostname>** link to see the new service that was created.

More Information

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

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

Finishing Up

This completes the documentation on Monitoring Windows using SNMP. 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](#)

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