

How To Monitor MSSQL Servers With Nagios XI 2024 And 2026

Purpose

This document describes how to monitor MSSQL Server metrics using the MSSQL Server wizard in Nagios XI. If your objective is to monitor metrics like buffer hits, connections, deadlocks, latch waits, and lazy writes, you are in the right place.

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.

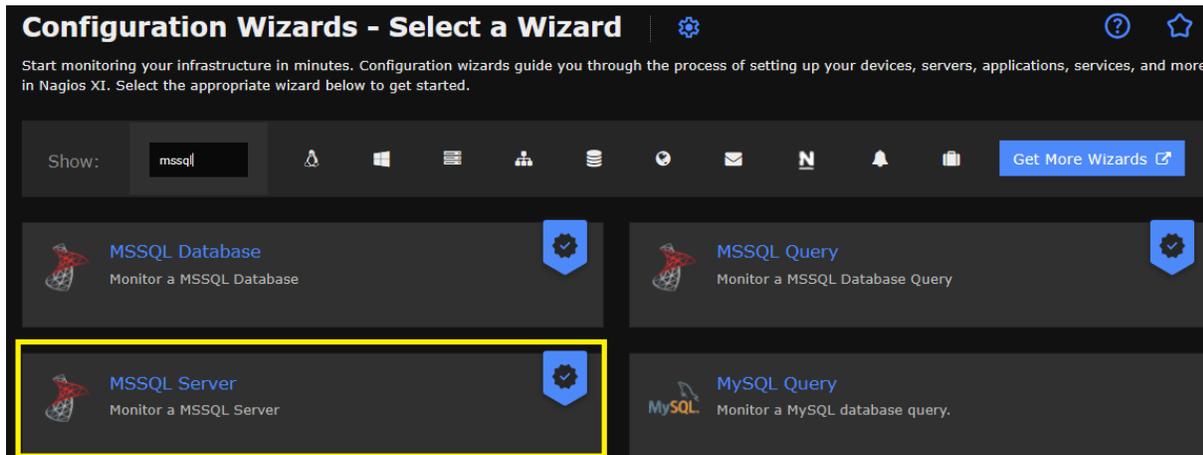
Setting Up Your SQL Server

Before running the wizard, follow the steps in the following guide to configure your MSSQL server to allow Nagios XI to monitor it:

[How to Monitor Microsoft SQL in Nagios XI 2024 and 2026](#)

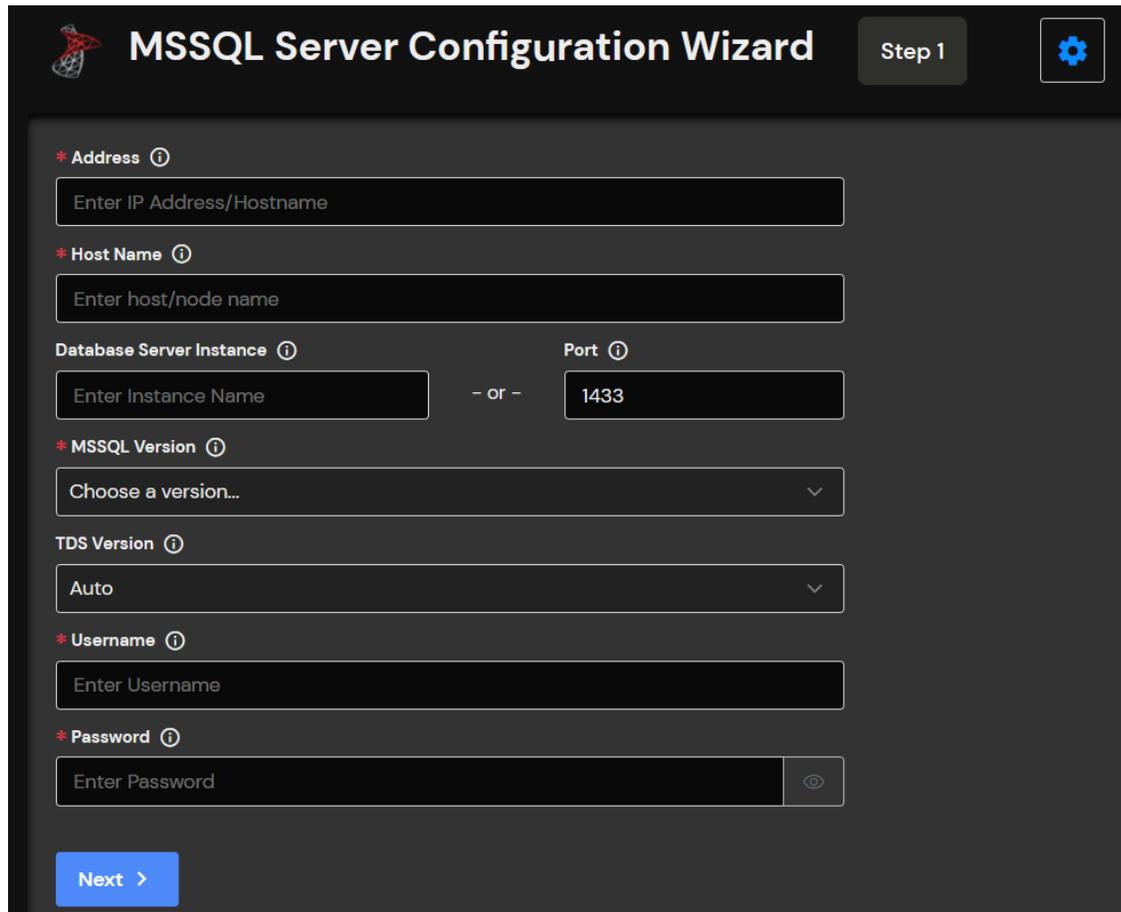
Using the MSSQL Server Wizard

1. Navigate to the **Configure > Configuration Wizards** menu and search for 'MSSQL', then click the **MSSQL Server** wizard.



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2. In **Step 1** of the wizard, you will enter all of the necessary connection and authentication details Nagios XI will use to monitor your DB server:



The screenshot shows the 'MSSQL Server Configuration Wizard' interface, specifically 'Step 1'. The wizard is titled 'MSSQL Server Configuration Wizard' and 'Step 1' is indicated in the top right corner. The interface is dark-themed and contains several input fields for configuration:

- * Address**: A text input field with the placeholder 'Enter IP Address/Hostname'.
- * Host Name**: A text input field with the placeholder 'Enter host/node name'.
- Database Server Instance**: A text input field with the placeholder 'Enter Instance Name'.
- Port**: A text input field with the value '1433'.
- * MSSQL Version**: A dropdown menu with the placeholder 'Choose a version...'.
- TDS Version**: A dropdown menu with the value 'Auto'.
- * Username**: A text input field with the placeholder 'Enter Username'.
- * Password**: A text input field with the placeholder 'Enter Password' and a toggle icon for password visibility.

A blue 'Next >' button is located at the bottom left of the form.

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- In **Step 2**, you will select the metrics you wish to monitor, and their corresponding alert thresholds:

MSSQL Server Metrics
Specify the metrics you would like to monitor on the MSSQL Server.

Make your Metrics Selections ⓘ

- Auto-Param Attempts/sec
- Average Latch Wait Time (ms)
- Average Wait Time
- Batch Requests
- Buffer Hit Ratio
- Cache Hit Ratio
- Cache Object Counts
- Cache Objects in use
- Cache Pages

Selected Metrics

Metric	Warning Threshold	Critical Threshold
Auto-Param Attempts/sec ⓘ	100 /sec	200 /sec
Average Latch Wait Time (ms) ⓘ	100 /sec	200 /sec
Average Wait Time ⓘ	20 /sec	30 /sec
Batch Requests ⓘ	20 /sec	30 /sec
Buffer Hit Ratio ⓘ	90 /sec	95 /sec
Cache Hit Ratio ⓘ	20 /sec	30 /sec
Cache Object Counts ⓘ	10 /sec	20 /sec
Cache Objects in use ⓘ	10 /sec	20 /sec
Cache Pages ⓘ	500 /sec	1000 /sec
Checkpoint Pages/sec ⓘ	20 /sec	30 /sec
Connection Time ⓘ	1 /sec	5 /sec
Connections ⓘ	20 /sec	30 /sec
CPU Utilization ⓘ	20 /sec	30 /sec
Database Pages ⓘ	300 /sec	600 /sec
Deadlocks ⓘ	20 /sec	30 /sec
Failed Auto-Params/sec ⓘ	50 /sec	100 /sec
Forwarded Records/sec ⓘ	50 /sec	100 /sec
Free List Stalls ⓘ	2 /sec	4 /sec
Full Scans ⓘ	20 /sec	30 /sec
Granted Workspace Memory ⓘ	10 /sec	20 /sec
Index Searches/sec ⓘ	5000 /sec	10000 /sec
Latch Waits/sec ⓘ	1000 /sec	5000 /sec
Lazy Writes ⓘ	20 /sec	30 /sec

- Finally, complete **Steps 3-5** of the Wizard, then click Finish to apply the configuration and begin monitoring your MSSQL Database.

For more information about Configuration Wizard settings and usage, please refer to:

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

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Finishing Up

This completes the documentation on How to Monitor MSSQL Server with Nagios XI 2024 and 2026. 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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