

How To Monitor MSSQL Databases With Nagios XI 2024 and 2026

Purpose

This document describes how to monitor MSSQL Database metrics using the MSSQL Database wizard in Nagios XI. If your goal is to monitor metrics such as active transactions, log flush waits, and log truncations, you have found the right document.

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.

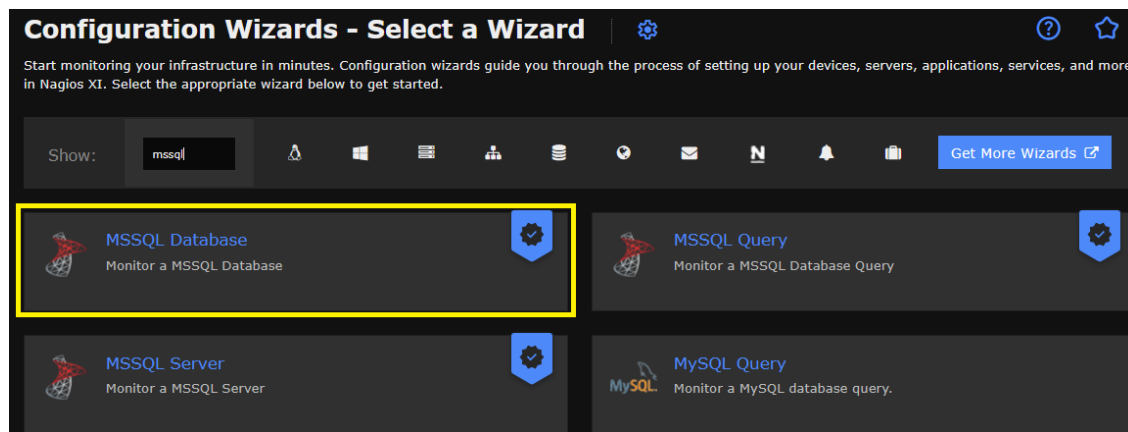
Setting Up Your SQL Server

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](#)

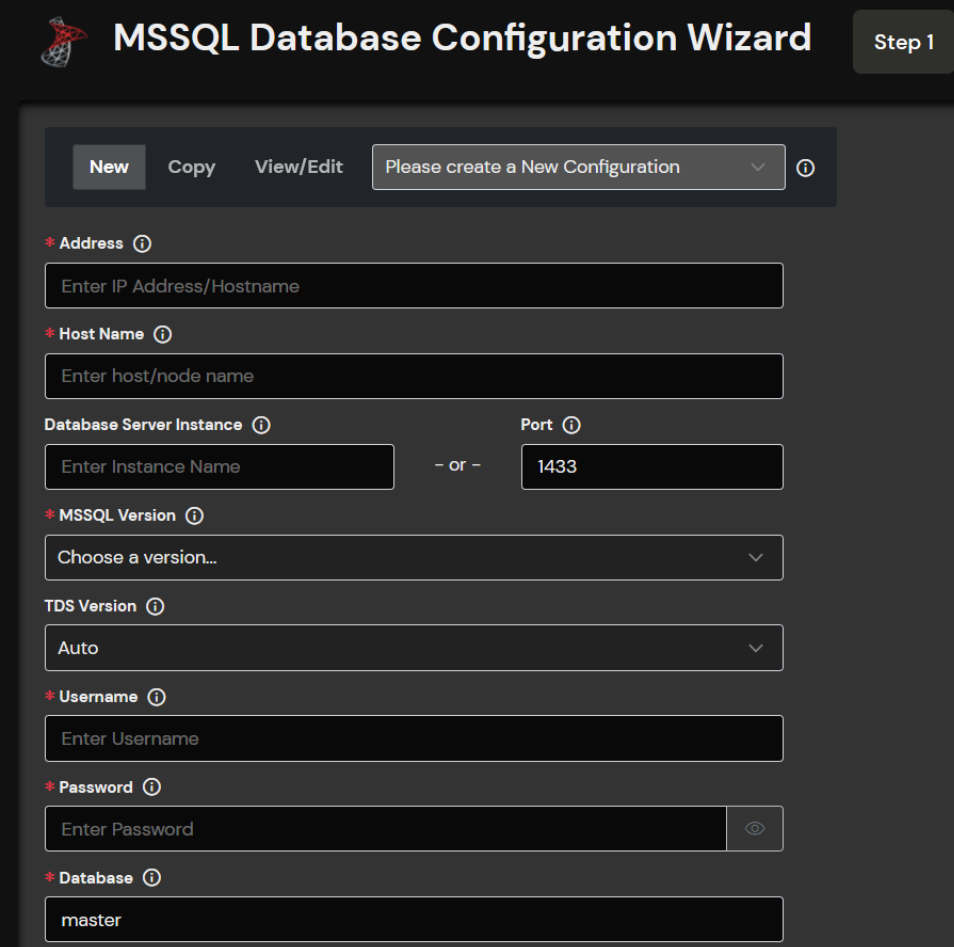
Using the MSSQL Database Wizard

1. Navigate to the **Configure > Configuration Wizards** menu and search for 'mssql', then click the **MSSQL Database** 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 displays the 'MSSQL Database Configuration Wizard' interface, specifically 'Step 1'. The title bar includes the Nagios logo and the text 'MSSQL Database Configuration Wizard' with a 'Step 1' indicator. Below the title bar, there are buttons for 'New', 'Copy', and 'View/Edit', followed by a dropdown menu set to 'Please create a New Configuration' with an information icon. The main form area contains several fields, each with a red asterisk and an information icon:

- * 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 containing 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.
- * Database**: A text input field containing the value 'master'.

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

MSSQL Database Metrics

Specify the metrics you would like to monitor on the MSSQL Database

Make your Selections ⓘ

Active Transactions

Connection Time

Database Size

Log File Usage

Log Bytes Flushed/sec

Log File(s) Size (KB)

Log File(s) Used Size (KB)

Log Flush Waits/sec

Log Flushes Per Second

Selected Metrics

Active Transactions ⓘ

Connection Time ⓘ

Database Size ⓘ

Log File Usage ⓘ

Log Bytes Flushed/sec ⓘ

Log File(s) Size (KB) ⓘ

Log File(s) Used Size (KB) ⓘ

Log Flush Waits/sec ⓘ

Log Flushes Per Second ⓘ

Log Growths ⓘ

Log Truncations ⓘ

Log Waits ⓘ

Transactions Per Second ⓘ

▲

10

KB

●

20

KB

×

▲

1

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5

KB

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Custom Metrics

Other metrics provided by the performance and Ring Buffer tables.

Counter Name ⓘ

Display Name ⓘ

Unit ⓘ

Mod ⓘ

Ring Buffer Type ⓘ

XPath ⓘ

Warning #

Critical #

■

60

100

+ Add Custom Metric ⓘ

4. 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 Monitoring MSSQL Databases with 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](#)