

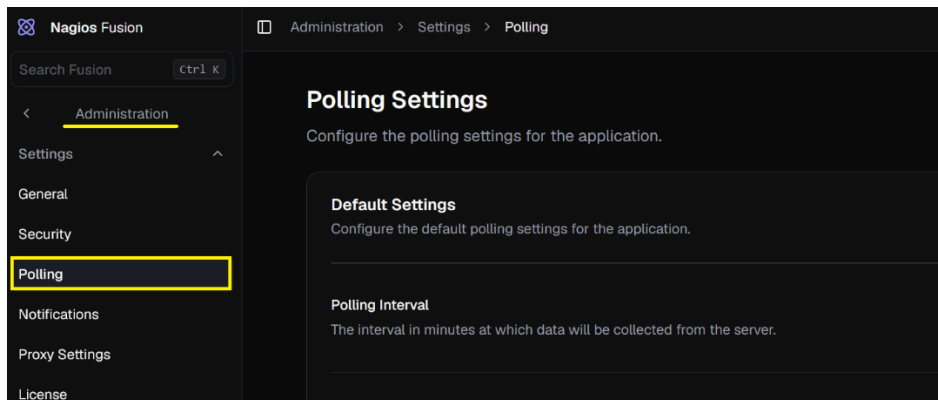
Performance Tuning In Nagios Fusion 2026R2

Purpose

Nagios Fusion functions as a high-level dashboard for multiple instances of Nagios XI, Nagios Network Analyzer, Nagios Core, and Nagios Log Server instances. In larger deployments of Nagios XI and Nagios Core, tuning polling interval settings may be necessary to improve response times and reduce the overall load on the Fusion server. Nagios Fusion allows performance settings to be adjusted globally or per fused server. This document describes how to configure these settings.

Default Settings

The default settings can be adjusted by navigating to **Administration > Settings > Polling**. These settings will be auto-populated in the fuse server dialog when new Nagios servers are fused.



Default Interval Settings

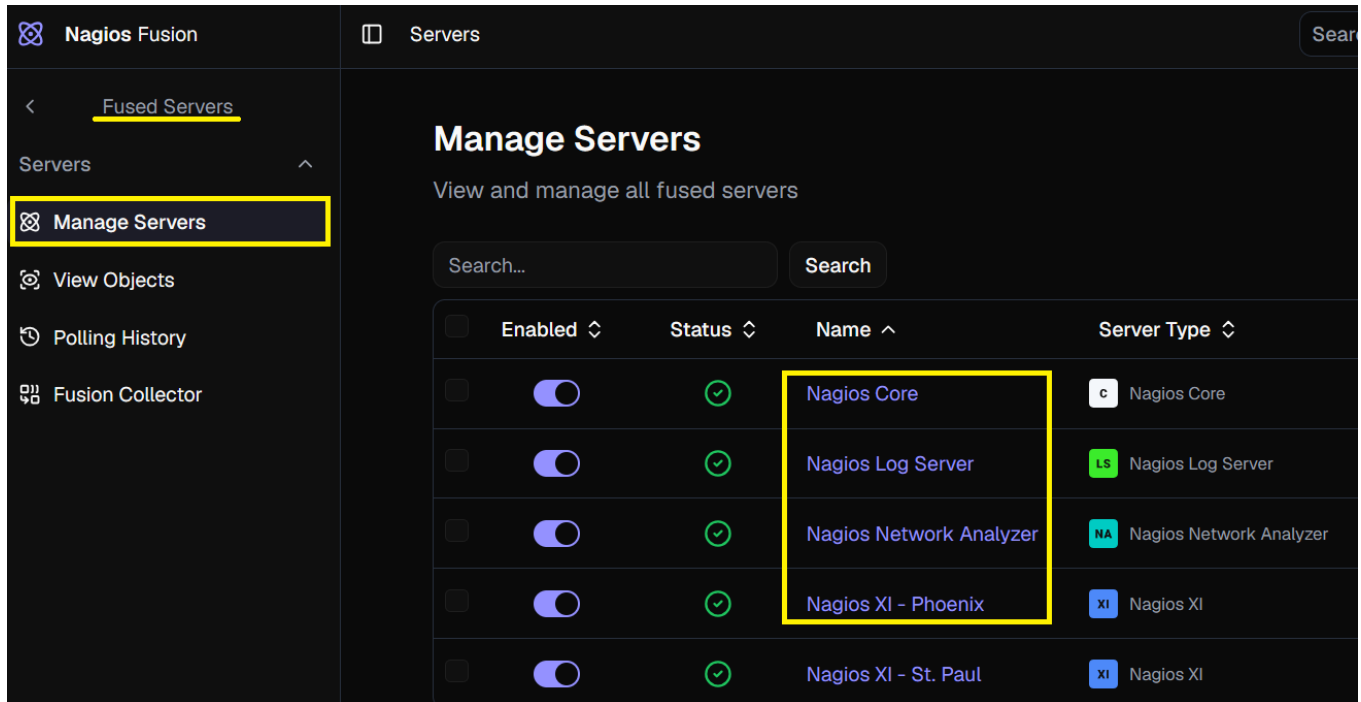
- **Polling Interval**
 - Define the interval in minutes at which the fused servers are polled for data
 - Larger systems may be able to benefit from a larger number here
 - You can override this setting on a per-server basis ([Per Fused Server Settings](#))
- **Authentication Interval**
 - Define the frequency in minutes at which the fused servers are checked for authentication
 - Authentication is a single check against the server to ensure both connectivity (information used for polling) and that the specified credentials are still correct
 - You can override this setting on a per-server basis ([Per Fused Server Settings](#))

After making changes, click **Update** to save them.

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Per Fused Server Settings

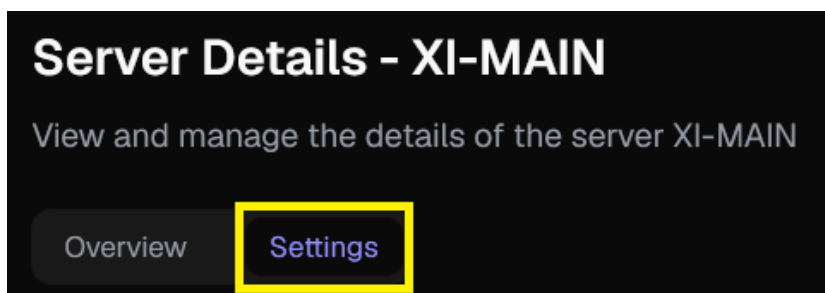
Navigate to **Fused Servers > Servers > Manage Servers**, then click the server you'd like to adjust.



The screenshot shows the Nagios Fusion interface. The left sidebar has a 'Fused Servers' section with 'Manage Servers' highlighted. The main content area is titled 'Manage Servers' and contains a table of fused servers. A yellow box highlights the 'Nagios Core' server in the table.

Enabled	Status	Name	Server Type
☐		Nagios Core	Nagios Core
☐		Nagios Log Server	Nagios Log Server
☐		Nagios Network Analyzer	Nagios Network Analyzer
☐		Nagios XI - Phoenix	Nagios XI
☐		Nagios XI - St. Paul	Nagios XI

In the Configuration section of the **Settings** tab, you'll see the Polling Interval and Authentication Interval settings.



The screenshot shows the 'Server Details - XI-MAIN' interface. The 'Settings' tab is highlighted.

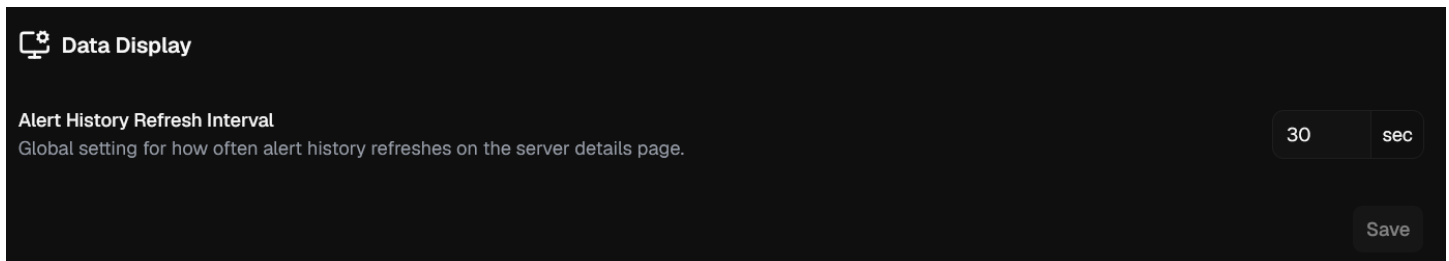
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Polling Settings

- **Polling Interval**
 - Define the frequency at which this server is polled for data
 - Larger Nagios XI and Core systems will benefit from a larger number here, because it can take longer to poll and process data for these large systems.
- **Polling Timeout**
 - Maximum seconds a polling job may run for this server before it is timed out.
- **Authentication Interval**
 - Define the frequency at which this server is checked for authentication
 - Authentication is a single check against the server to ensure both connectivity (information used for polling) and that the specified credentials are still correct
 - You want to keep this value relatively low
- After making changes, click **Update** to save them.

Alert History Refresh Interval

To adjust how often the Alert History section of the Overview pages for your fused servers automatically refreshes, navigate to **Administration > General**, and adjust the Alert History Refresh Interval setting. The lower this setting is, the faster new results from Event-Based collection will appear in Alert History when they are received.



The screenshot shows the 'Data Display' section of the Nagios Fusion administration interface. It features a setting for 'Alert History Refresh Interval' with a description: 'Global setting for how often alert history refreshes on the server details page.' The current value is '30' and the unit is 'sec'. A 'Save' button is located at the bottom right of the settings area.

Note that the faster you choose to automatically refresh, the greater the potential performance impact on your Fusion server. Testing will be necessary to determine the actual impact in the context of factors unique to your setup such as the number of fused servers, volume of events, and system specs.

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Finishing Up

This completes the documentation on Performance Tuning for Nagios Fusion 2026R2. If you have additional questions or other support-related questions, please visit the Nagios Support Forum, Nagios Documentation Hub, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Documentation Hub](#)

[Visit Nagios Library](#)