

Nagios Fusion 2026R2 Architectural Overview

Purpose

This document provides an overview of Nagios Fusion 2026R2 Architecture.

Overview

Nagios Fusion is designed to provide IT staff with a means of visualizing the operational status of Nagios monitoring servers across an organization's entire IT infrastructure. Nagios Fusion can display the status of Nagios XI, Nagios Core, Nagios Log Server, and Nagios Network Analyzer instances, making it an ideal solution for keeping track of the status of monitored elements across your entire network.

Fused Server Requirements

Nagios Fusion can integrate with the following versions of Nagios solutions:

- Nagios XI version 2009R1.3 or later (*2026R2 required for Event-Based collection*)
- Nagios Core 4.0.7 or later
- Nagios Log Server 2024R2 or later (*2026R2 required for Event-Based collection*)
- Nagios Network Analyzer 2026R1 or later (*2026R2 required for Event-Based collection*)

Communication and Ports

Web User Interface

The web UI is accessed via HTTP/HTTPS. You can find details on enabling TLS for UI access here:

[Configuring TLS for Nagios Fusion](#)

Nagios Server Polling

Polling communication between Nagios Fusion and remote Nagios XI, Core, Log Server, and Network Analyzer instances is done exclusively via HTTP or HTTPS. Nagios Fusion must be able to reach each remote server via HTTP or HTTPS in order to display its status in the centralized Nagios Fusion interface.

To allow Nagios Fusion to communicate with remote fused Nagios servers, you may have to open firewall rules to allow inbound traffic from the Fusion server. This is done by opening TCP port 80 for HTTP or TCP port 443 for HTTPS.

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Event-Based Collection

Event-Based collection is a method for sending alerts upstream to your Fusion server from your other fused Nagios XI, Log Server, and Network Analyzer servers. This method uses port 9000 by default, but the port used to receive the events can be customized in the **Fused Servers > Fusion Collector** menu, in the **Settings** tab.

You can find full details on fusing servers and using both the Polling and Event-Based options here:

[Managing Fused Servers in Nagios Fusion](#)

Configuration of Monitoring Servers

Nagios Fusion is designed to be a lightweight infrastructure-wide application that can scale as your monitoring deployment grows. Monitoring configuration of remote Nagios XI, Nagios Network Analyzer, Nagios Core and Nagios Log Server instances is handled at each remote server, alleviating the need for complex or burdensome configuration deployment scenarios.

Nagios XI, Nagios Network Analyzer, and Nagios Log Server provide web-based configuration interfaces for their monitoring engines, which means you can remotely manage the configuration from anywhere using a web browser.

Finishing Up

This completes the documentation on Nagios Fusion 2026R2 Architecture. 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](#)