

Nagios Fusion 2024 Architectural Overview

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 and Nagios Log Server instances, making it an ideal solution for keeping track of the status of monitored elements across your entire network.

Integrated Authentication

Nagios Fusion provides automatic authentication to remote Nagios XI servers. Once you have logged in to the central Nagios Fusion interface, you will be automatically authenticated to remote Nagios XI servers. The following documentation provides information on user accounts and authentication in Nagios Fusion:

[Managing Fusion Users](#)

Communication and Ports

Communication between Nagios Fusion and remote Nagios XI, Nagios Core and Nagios Log Server instances is done exclusively through 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.

In order to allow Nagios Fusion to communicate with remote Nagios XI or Core 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.

Configuration of Monitoring Servers

Nagios Fusion is designed to be a lightweight infrastructure-wide application that can scale as your monitoring deployment grows. 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 Analyzer and Nagios Log Server provides web-based configuration interfaces for the monitoring engine, which means you can remotely manage the configuration from anywhere using a web browser.

Monitoring Server Requirements

Nagios Fusion can integrate with the following Nagios monitoring servers:

- Nagios XI version 2009R1.3 or later
- Nagios Core 4.0.7 or later
- Nagios Log Server 2.0.1 or later
- Nagios Network Analyzer 2024 or later