

The Industry Standard in IT Infrastructure Monitoring

Purpose

If you run many instances of Nagios, or just a few across disparate locations, and you wish to tie them together under one interface, this document will describe how. The instructions below outline the initial setup of Nagios Fusion, including how to add multiple instances of Nagios (both Nagios XI and Nagios Core). It's assumed you have completed a new install of Nagios Fusion. [Install instruction](#) can be found [here](#).

Target Audience

This document is intended for use by Nagios XI Administrators who wish to monitor multiple instances of Nagios in one easy to use front-end.

Getting Started

Choose "Configure" along the top navigation bar to begin.

- ✓ Select "Configure"



Define fused servers

How to define each Nagios environment you wish to monitor using Nagios Fusion

After selecting *Configure* from the navigation bar, select "define fused servers now"

- ✓ Select "Define fused servers.."

Server Credentials

You must configure authentication credentials for each server you wish to access in Nagios Fusion. To prevent a server from being displayed elsewhere in Fusion, uncheck the server's *Display* checkbox.

Server	Server Type	Display	Auth Type	Server Status	Username	Password	Auth Check
No fused servers have been defined. Define fused servers now .							

Next, choose "Add new server" to add a Nagios server you wish to monitor

- ✓ Choose "Add a new server"

Manage Fused Servers



<input type="checkbox"/>	Server	Type	Address	Authentication	Location	URL	Actions
No servers defined.							

With Selected:

Adding Nagios XI Server

- ✓ Server Name: *<Any Name>*
- ✓ Server Address: *<IP address>* or *<DNS name>*
- ✓ Server Type: *<Type of Nagios instance you wish monitored>*
- ✓ Authentication Method: *<Web authentication type>*
Note: Nagios XI uses Session Authentication type
- ✓ Public URL: *<external address>*
- ✓ Internal URL: *<internal address>*
- ✓ Server Location: *<optional>*
- ✓ Server Notes: *<optional>*

Add Server

General Settings

Server Name:
A friendly name associated with this server.

Server Address:
The IP address or FQDNS of the server.

Server Type:
The type of monitoring server this is.

Authentication Method:
The authentication method used to access the server.

Public URL:
The full URL used to access this Nagios Core or Nagios XI instance
Example: *http://somewhere/nagiosxi/*

Internal URL:
The full URL used to access this Nagios Core or Nagios XI instance
Example: *http://somewhere/nagiosxi/*

Server Location:
An optional text description of the location of this server.

Server Notes:
Optional notes about this server.

Adding Nagios Core

- ✓ Server Name: *<Any Name>*
- ✓ Server Address: *<IP address>* or *<DNS name>*
- ✓ Server Type: *<Type of Nagios instance you wish monitored>*
- ✓ Authentication Method: *<Web authentication type>*
Note: Nagios Core uses HTTP Basic authentication type
- ✓ Public URL: *<external address>*
- ✓ Internal URL: *<internal address>*
- ✓ Server Location: *<optional>*
- ✓ Server Notes: *<optional>*

Add Server

General Settings

Server Name:
A friendly name associated with this server.

Server Address:
The IP address or FQDNS of the server.

Server Type:
The type of monitoring server this is.

Authentication Method:
The authentication method used to access the server.

Public URL:
The full URL used to access this Nagios Core or Nagios XI instance by a client's browser.
Example: *http://somewhere/nagiosxi/*

Internal URL:
The full URL used to access this Nagios Core or Nagios XI instance from the Nagios Fusion
Example: *http://somewhere/nagiosxi/*

Server Location:
An optional text description of the location of this server.

Server Notes:
Optional notes about this server.

Continue adding any servers you wish to monitor using the steps defined above.

Manage Fused Servers



<input type="checkbox"/>	Server	Type	Address	Authentication	Location	URL	Actions
<input type="checkbox"/>	Jupiter Station	Nagios XI	192.168.5.97	session	Planet Surface	http://192.168.5.97/nagiosxi	
<input type="checkbox"/>	Saturn Orbit	Nagios Core	192.168.5.74	basic	Geosynchronous Orbit	http://192.168.5.74/nagios	
<input type="checkbox"/>	Callisto Station	Nagios XI	192.168.5.80	session	Moon Surface	http://192.168.5.80/nagiosxi/	

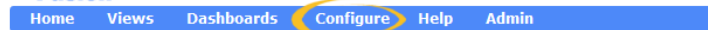
With Selected:

Adding Nagios Users

This section describes how to add user credentials to Nagios Fusion. Each user added will map to one Nagios server.

To begin adding users, select Configure

- ✓ Select "Configure"



Next, add the credentials of the remote Nagios instances you wish to monitor. (nagiosadmin is pre-populated by default). This is the username and password used to login to each Nagios server.

Note: Any user with access to Nagios Fusion will have the ability to connect to the remote Nagios servers with the credentials that are configured here.

Server Credentials

You must configure authentication credentials for each server you wish to access in Nagios Fusion. To prevent a server from being displayed elsewhere in Fusion, uncheck the server's Display checkbox.

Server	Server Type	Display	Auth Type	Server Status	Username	Password	Auth Check
Jupiter station	Nagios XI	<input checked="" type="checkbox"/>	session		nagiosadmin	<input type="password"/>	
Saturn Orbit	Nagios Core	<input checked="" type="checkbox"/>	basic		nagiosadmin	<input type="password"/>	
Callisto Station	Nagios XI	<input checked="" type="checkbox"/>	session		nagiosadmin	<input type="password"/>	

Here we have configured each Nagios instance with a valid username and password.

Note: Notice the Nagios install "Callisto Station" is using a username "nagiosFusion". This username was created on the NagiosXI install (Callisto Station) with read-only privilege. This will limit users from Nagios Fusion being able to change settings on Callisto Station.

Server Credentials

Settings Updated.

You must configure authentication credentials for each server you wish to access in Nagios Fusion. To prevent a server from being displayed elsewhere in Fusion, uncheck the server's Display checkbox.

Server	Server Type	Display	Auth Type	Server Status	Username	Password	Auth Check
Jupiter Station	Nagios XI	<input checked="" type="checkbox"/>	session		nagiosadmin	••••••••	
Saturn Orbit	Nagios Core	<input checked="" type="checkbox"/>	basic		nagiosadmin	••••••••	
Callisto Station	Nagios XI	<input checked="" type="checkbox"/>	session		nagiosFusion	••••••••	

From the top navigation bar, select Home. Next, select Tactical Overview to view your running Nagios Servers!

- ✓ Select “Home” > “Tactical Overview”

The screenshot shows the Nagios Fusion web interface. At the top, there is a navigation bar with 'Home', 'Views', 'Dashboards', 'Configure', 'Help', and 'Admin'. The user is logged in as 'nagiosadmin'. The main content area is titled 'Tactical Overview' and displays three status summaries for different stations:

- Jupiter station - surface:** Status Summary shows 2 Up, 0 Down, 0 Unreachable, 0 Pending, 16 Ok, and 1 Warning. Settings include Monitoring Engine, Notifications, Active Checks, and Passive Checks, all enabled.
- Saturn Orbit - geosynchronous orbit:** Status Summary shows 3 Up, 0 Down, 0 Unreachable, 0 Pending, 9 Ok, and 0 Warning. Settings include Notifications, Active Checks, and Passive Checks, all enabled.
- Callisto Station - Moon of Jupiter:** Status Summary shows 3 Up, 0 Down, 0 Unreachable, 0 Pending, 9 Ok, and 1 Critical. Settings include Monitoring Engine, Notifications, Active Checks, and Passive Checks, all enabled.

At the bottom of the page, there is a footer with 'Nagios Fusion 2010R1.1 Copyright © 2008-2010 Nagios Enterprises, LLC.', 'About', 'Legal', and a 'Check for Updates' button.