



Purpose

This document describes how to add another instance to an existing Nagios Log Server cluster.

Target Audience

This document is written for administrators who are looking to add additional instances to a Nagios Log Server cluster.

Prerequisites

Existing Cluster

You will need to have an existing Nagios Log Server cluster before following the steps in this documentation. An existing cluster is one or more instances of Nagios Log server. If you have not yet created a Nagios Log Server cluster then you will need to provision one first, the guides listed below should be referred to.

New Instance

To add a new instance to a Nagios Log Server cluster you will need to have installed Nagios Log Server on a new Linux machine using the following instructions:

[Manual Installation Instructions For Nagios Log Server](#)

You can also use one of our virtual machines that come with Nagios Log Server already installed:

[Installing Nagios Log Server with VMware Workstation Player](#)

[Nagios Log Server VMware To VirtualBox Conversion](#)

The steps in this document apply whether you are using a fresh install or one of our virtual machines. **Note:** In the guides above, do not follow any of the **Final Installation Steps**, please follow this documentation as the steps are different.

Nagios Log Server Adding Additional Instances To Cluster

Cluster ID

You will need to have on hand the IP address or host name of an existing instance in the cluster as well as the **Cluster ID**. The Cluster ID can be found under **Admin > System > Cluster Status** from any existing instance in the cluster.

The screenshot shows the Nagios Log Server Admin interface. The top navigation bar includes Home, Dashboards, Alerting, Configure, Help, and Admin (highlighted). A search bar for logs is present. The left sidebar shows Reports (Audit Log) and System (Cluster Status, Instance Status). The main content area is titled 'Cluster Status' and contains two sections: 'Cluster Statistics' and 'Cluster Health'. The 'Cluster Health' section shows a status of 'Yellow'. A blue box highlights the 'Cluster ID' field with the value 'ec1e7c1b-be6e-4768-b25b-b43b4f9873e2'.

Add Instance To Cluster

Open your web browser to the the following URL, where `<server_ip_address>` is the address of your new Nagios Log Server instance:

```
http://<server_ip_address>/nagioslogserver
```

You will be presented with the **Final Installation Steps** screen just like this:

Click **Connect** to add this instance to an existing cluster.

The screenshot shows the 'Final Installation Steps' screen. The top navigation bar includes Nagios LS and a Navigation dropdown. The main heading is 'Final Installation Steps'. Below the heading, it says 'You're almost done. Setup your instance or connect to existing cluster.' There are two large buttons: 'Install' (Install a new Nagios Log Server cluster) and 'Connect' (Add this as an instance to an existing cluster). The bottom of the screen shows the Nagios Log Server logo and footer information: About | Legal | Copyright © 2014-2017 Nagios Enterprises, LLC.

1295 Bandana Blvd N, St. Paul, MN 55108 sales@nagios.com US: 1-888-624-4671 INTL: 1-651-204-9102

Final Installation Steps

You're almost done. Setup your instance or connect to existing cluster.

Connect to Existing Cluster

Enter your Cluster ID and the hostname or IP address of one of the instances in the existing cluster.

To get the Cluster ID, navigate to Administration -> Cluster Status from any active instance.

IP Address/Hostname	<input type="text"/>
Cluster ID	<input type="text"/>

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[Connect to Cluster >](#)

You will be presented with a page of two fields that need to be populated before proceeding:

- **IP Address/Hostname**
 - This is the IP Address or Hostname (DNS FQDN record) of the Nagios Log Server instance you used to look up the Cluster ID
 - If you are using a **Hostname**, you need to make sure that this instance can resolve the DNS record
- **Cluster ID**
 - Type the Cluster ID you obtained earlier

Once you have entered the required information, click **Connect to Cluster**.

Please wait while the settings are applied to the server, once complete you will be presented with the Login screen with the status of **Installation Complete**. Type the username and password required to login to the Nagios Log Server cluster and then click the **Log In** button to begin.

Login

Installation Complete!

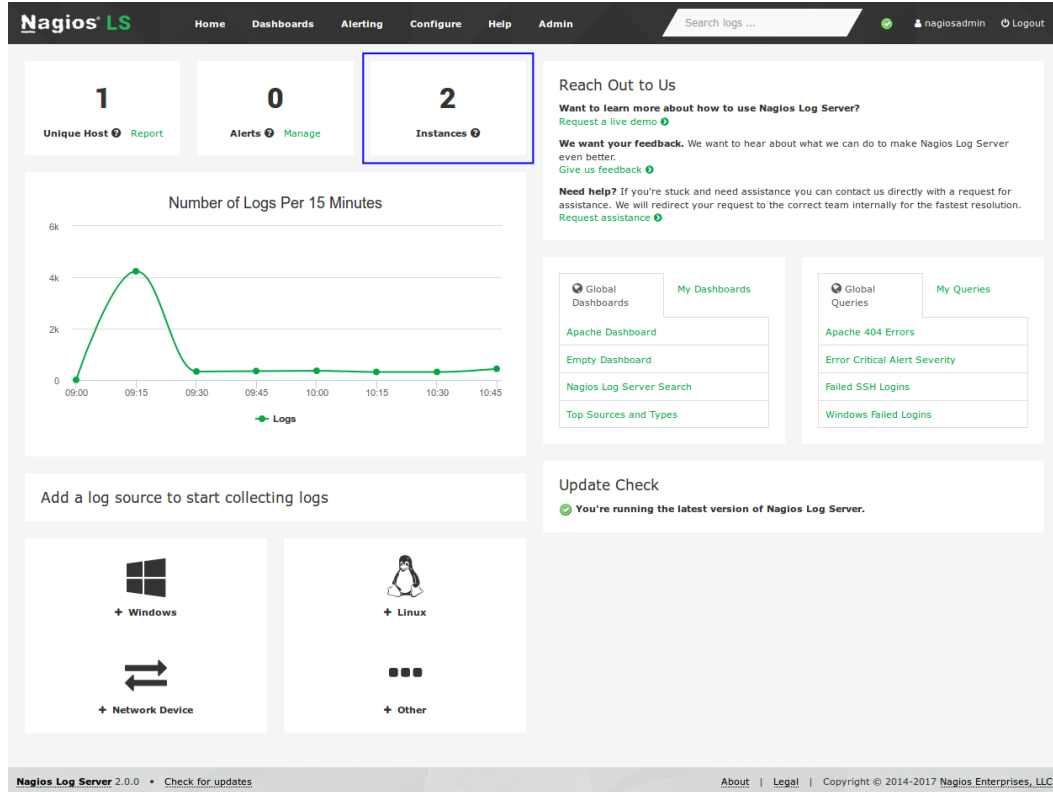
 Keep me logged in

[Log In](#)
[Forgot your password?](#)

Nagios Log Server Adding Additional Instances To Cluster

You will be logged into the Nagios Log Server cluster and be placed at the home screen.

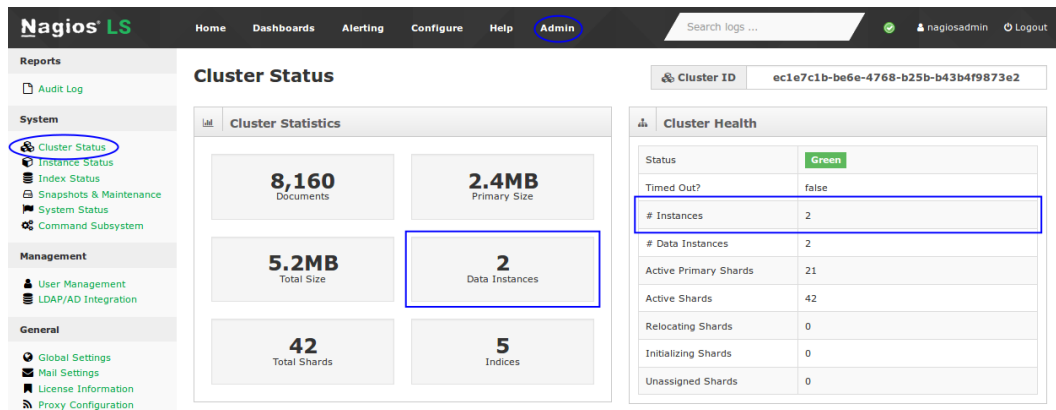
This new instance should now be hooked into your Nagios Log Server cluster. On the screenshot to the right you can see that there are 2 instances in the cluster.



You can also confirm this by navigating to **Admin > System > Cluster Status**.

You will notice that this cluster has a **Green** status. This is a very small cluster and it didn't take long for all the shards to replicate.

In a larger cluster it may take some time for all the shards to be allocated and the cluster will remain in a **Yellow** state until this completes. This is completely normal, if you observe the number in the Unassigned Shards field reducing over time then everything is working as expected. The cluster will return to a **Green** status when the shard allocation has completed.



Nagios Log Server Adding Additional Instances To Cluster

Another way to confirm that the instance you added to the cluster is correct can be determined by navigating to **Admin > System > Instance Status**.

In the screenshot you can see a list of the instances in the cluster.

The highlighted instance is the one that was just added, confirming it was successful.

The screenshot shows the Nagios Log Server Admin interface. The left sidebar has a menu with 'Instance Status' highlighted. The main content area shows 'Instance Overview' with 'Global Stats' and a table of 'Instances'.

IP	Hostname	Port	1m, 5m, 15m Load	CPU %	Memory Used	Memory Free	Storage Total	Storage Available	Elasticsearch	Logstash	Actions
10.25.5.99	nls-7x-x64.box293.local	9300	0.17, 0.12, 0.16	1%	75%	24%	13.8GB	10.6GB	✓	✓	-
10.25.5.86	nls-7x-x64.box293.local	9300	0.00, 0.01, 0.05	0%	75%	24%	13.8GB	10.9GB	✓	✓	-

Finishing Up

This completes the documentation on how to add additional instances to your Nagios Log Server cluster. If you have additional questions or other support related questions, please visit us at our Nagios Support Forums:

<https://support.nagios.com/forum>

The Nagios Support Knowledgebase is also a great support resource:

<https://support.nagios.com/kb>