Adding Cluster Instances In Nagios Log Server 2026R2

Purpose

This document describes how to add additional instances to your Nagios Log Server **2026R2.1+** cluster.

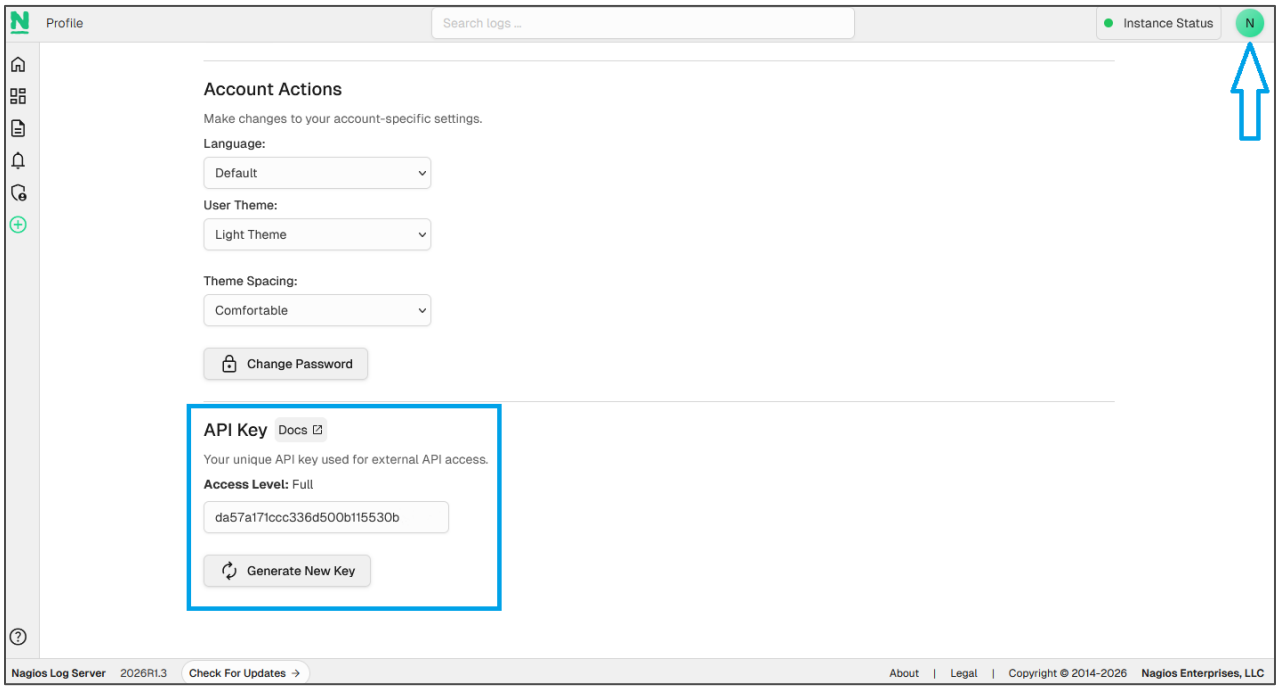
Prerequisites

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.

Cluster Manager URL and API Key

To proceed you will need to have on hand the URL of the Cluster Manager instance (eg `http://192.168.123.45/nagioslogserver/`), as well as an API token for an administrator user of the existing cluster. The API token can be found in your user Profile. Click the large green circle in the upper right corner of any Log Server page and choose **My Profile**. The API Key can be found at the bottom of the page. Make sure the Access Level for the key is full.



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New Instance

To add a new instance to an existing Nagios Log Server 2026R2 cluster you will need to create a fresh install of Log Server using one of the available methods:

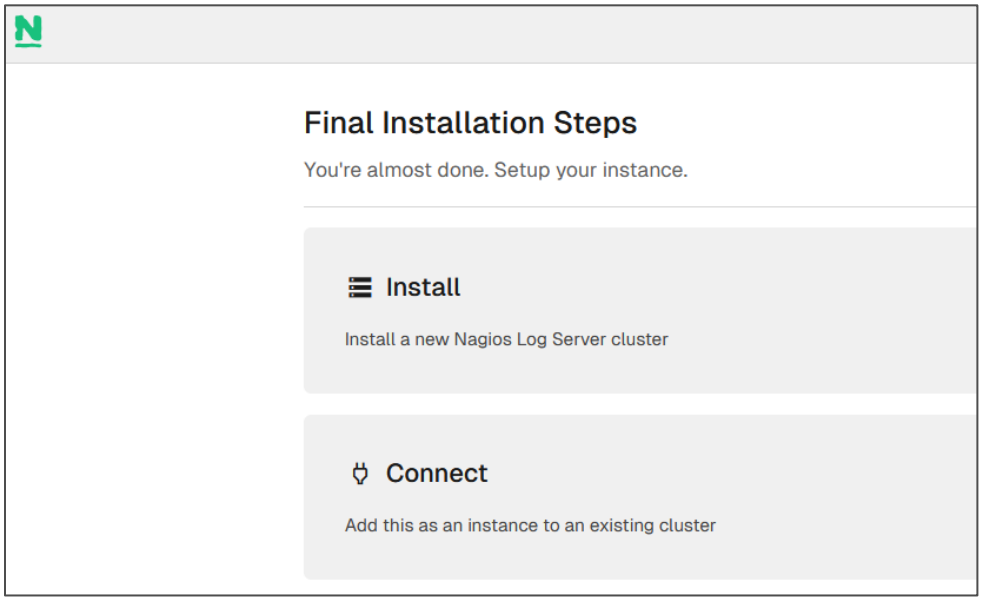
NLS Admin Guide: Installation Options

The steps in this document apply whether you are using a fresh manual install or one of the ready-made virtual machines.

Note: In the various install guides linked above, you can simply follow the **Connect** steps in the **Finalize Installation** sections to add an instance, or after you initially install your instance you can proceed with the following steps in this guide.

Connect Your Instance

In the initial Final Installation Steps screen, you will see two options.



Select **Connect**.

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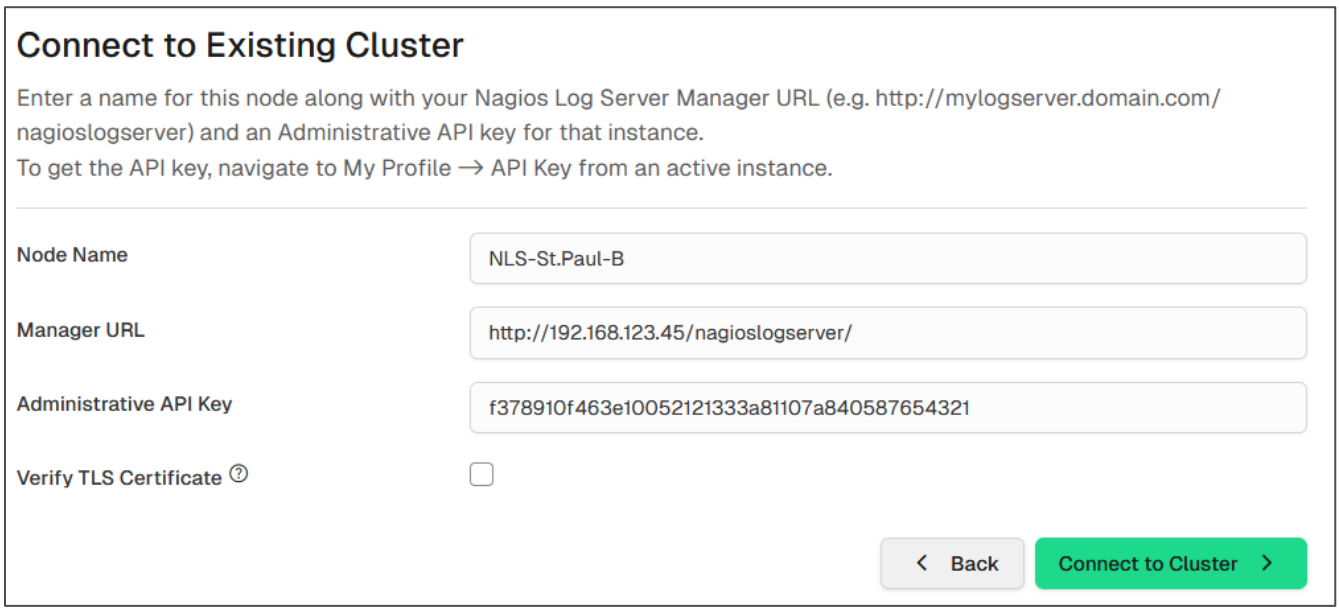
After choosing the Connect option, you'll be asked to define the custom Node Name of the node you are adding to your existing cluster, as well as details about the cluster manager node.

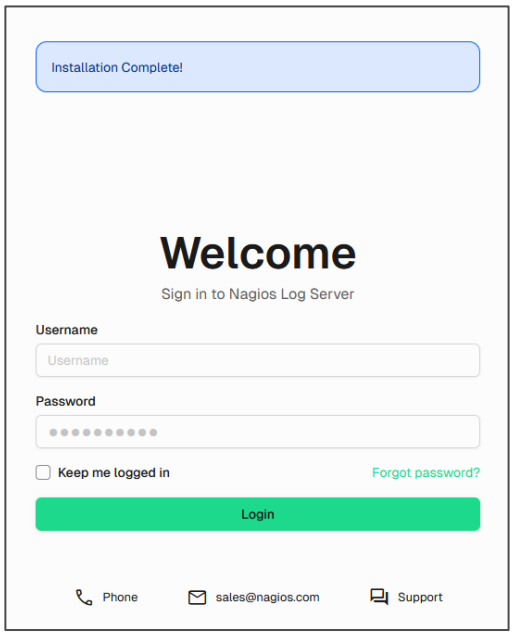
Once you've entered your details, click **Connect to Cluster**.



Logging In

Please wait while the settings are applied to the server.

Once the Welcome login screen appears, type your existing cluster User credentials, then click the **Log In** button to begin.



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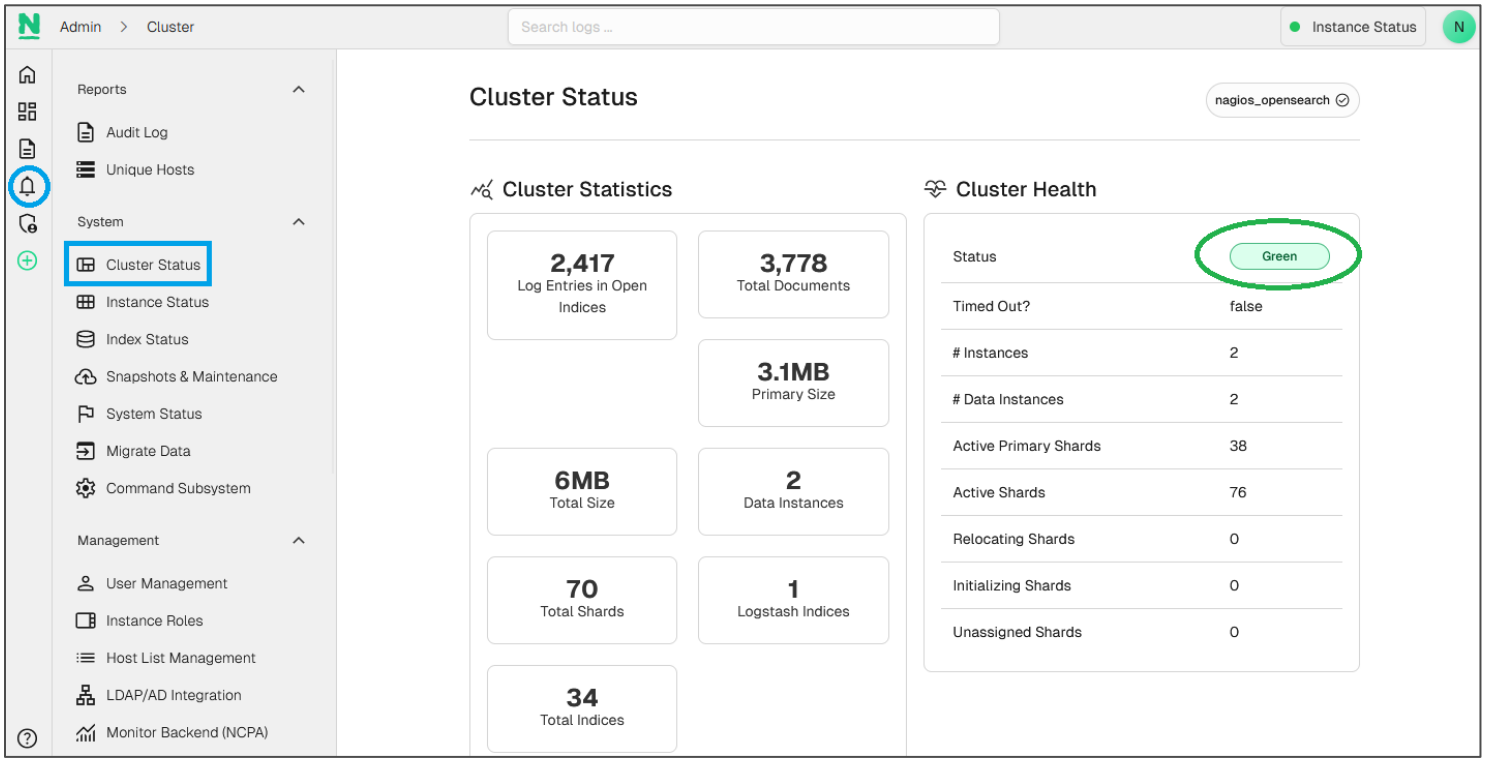
You will be logged into Nagios Log Server and be placed at the **Home** screen.

Your new instance is now connected to your cluster.

Verifying Connection

You can confirm that the instance is now clustered by navigating to **Admin > System > Cluster Status:**

Verify that the correct new number of instances shows in the **Data Instances** panel.



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.

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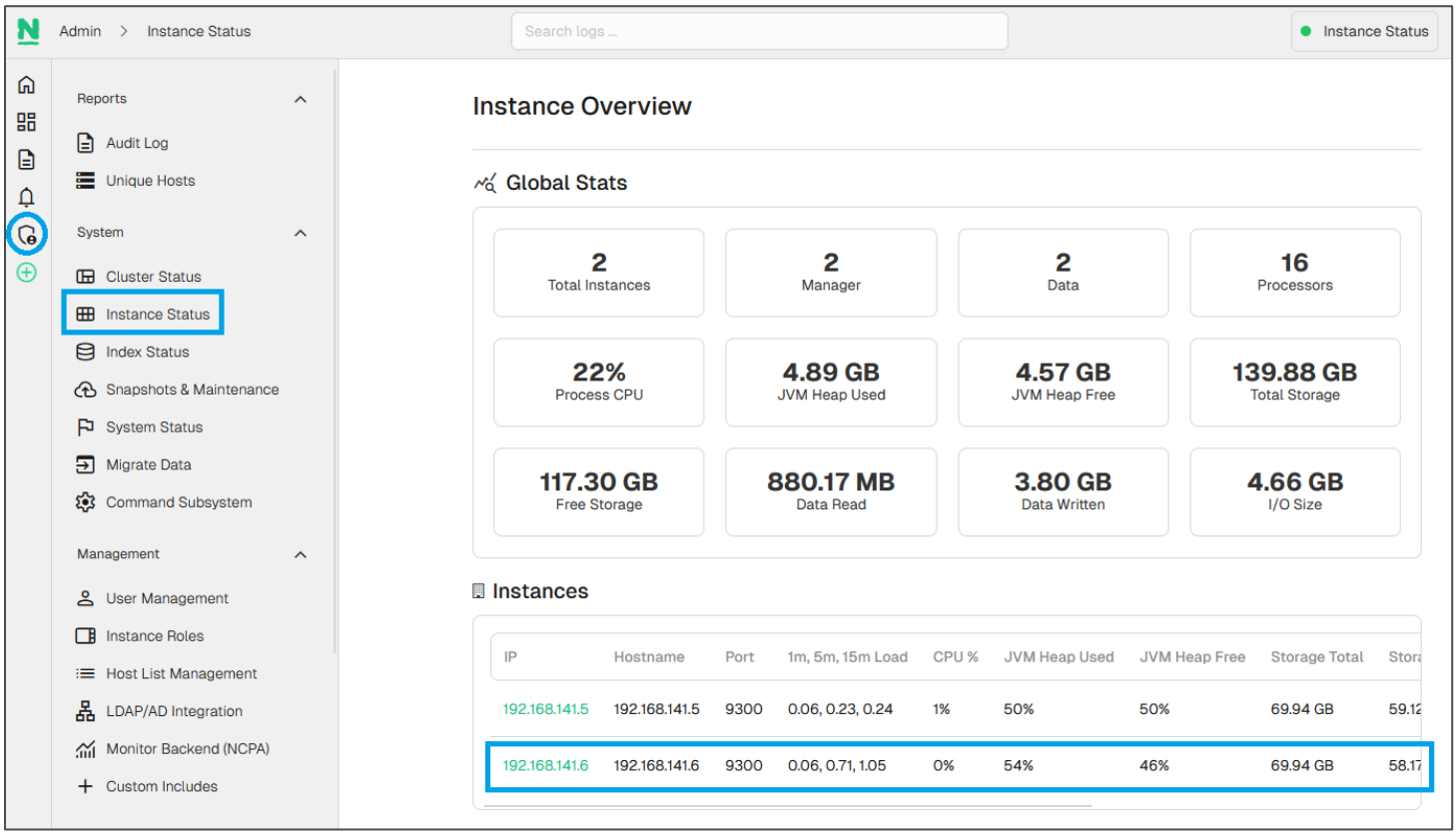
Another way to confirm that the instance you added to the cluster is correct can be determined by navigating to **Admin > System > Instance Status.**



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.

Finishing Up

This completes the documentation on Adding Another Instance to a Nagios Log Server Cluster. 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

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