

# How to Upgrade Nagios Log Server 2024R1

## Purpose

This document describes how to upgrade Nagios Log Server 2024R1 to the latest 2024R1 version.

**Important note:** If your goal is to upgrade to Log Server 2024R2 extra steps are required. Due to the shift from Elasticsearch to Opensearch an inline upgrade is not possible. However, there is a built-in migration tool in 2024R2. You can learn more about the migration process and requirements here:

[Migrating to Nagios Log Server 2024R2](#)

Also be sure to review the [OS compatibility matrix](#) to ensure that your OS and version are supported for the version of Log Server you wish to use.

## Internet Access

Internet access is required for upgrades.

## Terminal Access

These instructions require you to establish a terminal session to the server you plan to upgrade Nagios Log Server on. You will need to login to your server as the `root` user to perform the installation.

## Disable Shard Allocation

It is recommended to disable shard allocation before installing a new update. This is especially true of large implementations of Nagios Log Server. This only needs to be executed on one of the nodes in the cluster. The following command will disable shard allocation:

```
curl -XPUT localhost:9200/_cluster/settings -d '{"transient":{"cluster_routing.allocation.enable":"none"}}'
```

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## Upgrade Nagios Log Server

To upgrade Nagios Log Server to the latest version of 2024R1, run the following commands in your terminal session:

```
cd /tmp

rm -rf nagioslogserver nagioslogserver*.tar.gz

wget https://assets.nagios.com/downloads/nagios-log-server/nagioslogserver-latest.tar.gz

tar xzf nagioslogserver-latest.tar.gz

cd nagioslogserver

./upgrade
```

If you need to upgrade to a specific version of Nagios Log Server, please visit the following page of Nagios Log Server versions to obtain the URL, then use that URL in the above `wget` command, and the filename in the above `tar` command.

<https://assets.nagios.com/downloads/nagios-log-server/versions.php>

Please proceed to the [Verifying Upgrade](#) section.

## Verifying Upgrade

Once the upgrade has completed you should see a message like the following:

```
Nagios Log Server Upgrade Complete!
```

You can access the Nagios Log Server web interface by visiting:  
`http://<SERVER_IP_ADDRESS>/nagioslogserver/`

You should now login to the Nagios Log Server interface and verify everything is still working. If you are already logged in from earlier, log out and back in again. The Nagios Log Server interface can be accessed using the URL provided in the upgrade complete message.

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## Multiple Log Server Instances

If you have multiple instances in your Nagios Log Server Cluster, you should perform the updates in a rolling fashion performing the upgrade on one machine at a time until all cluster members have been upgraded. After the upgrade has been performed across all of your nodes, ensure that they appear properly under Administration > System > Instance Status.

## Enable Shard Allocation

After all instances in the cluster have been upgraded, navigate to **Admin > System > Instance Status**. In the Instances table, verify that all instances have a green tick in the Elasticsearch and Logstash fields. Once verified you can enable shard allocation. The following command will enable shard allocation:

```
curl -XPUT localhost:9200/_cluster/settings -d '{"transient":{"cluster_routing.allocation.enable":"all"}}'
```

This should return output with "acknowledged":true.

## Clearing The Session Cache

Once you've logged into the Nagios Log Server interface, hold down the shift key and click the reload button in your browser to clear out any old session variables and clear cached JavaScript code.

## Finishing Up

This completes the documentation on Upgrading Nagios Log Server 2024R1. If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Nagios Knowledge Base](#)

[Visit Nagios Library](#)