Nagios Log Server / Upgrade Instructions

Purpose

This document describes how to upgrade an existing Nagios Log Server 2 installation with the latest updates and patches.

Important note: Although an inline upgrade to Log Server 2024R1 from v2 is possible, upgrading to 2024R2 requires a migration to a new server. There is a built-in migration tool in 2024R2, but your existing Nagios Log Server cluster must be at version 2024R1.0.2 or greater to proceed. You can learn more about the migration process here:

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

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 Log Server v2 to the latest version of 2024R1, issue 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
```

Note: 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, use that in the `wget` command above:

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 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 how to upgrade Nagios Log Server.

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