

# Changing the IP Address of Nagios Log Server 2024R2 Instances

## Purpose

This document describes how to change the IP address of Nagios Log Server 2024R2 instances.

## Changing IP

### 1. Stop OpenSearch

```
systemctl stop opensearch
```

### 2. Change the IP address of the machine NLS is installed on

This is dependent on the OS. Please refer to the OS's documentation if necessary.

### 3. Edit the opensearch.yml file

Next open `/usr/local/nagioslogserver/opensearch/config/opensearch.yml` and search for the old IP addresses. It should be found as part of the `network.publish_host` and `discovery.seed_hosts` configurations and look similar to:

```
network.publish_host: ["192.168.55.153"]
discovery.seed_hosts: ["192.168.55.153"]
```

Modify these settings so that the new IP replaces the old.

### 4. Move the .pem files

Move the `/usr/local/nagioslogserver/opensearch/config/HOSTNAME.pem` and `/usr/local/nagioslogserver/opensearch/config/HOSTNAME-key.pem` files.

The `HOSTNAME` may not be the actual **hostname** of the machine. Rather, it will be the name you defined for the instance when you ran the Log Server installer. The following lines in either `opensearch.yml` will show you the correct `HOSTNAME` to include in the below commands:

```
plugins.security.ssl.transport.pemcert_filepath: HOSTNAME.pem
plugins.security.ssl.transport.pemkey_filepath: HOSTNAME-key.pem
```

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## Commands:

```
mv /usr/local/nagioslogserver/opensearch/config/HOSTNAME.pem ~  
mv /usr/local/nagioslogserver/opensearch/config/HOSTNAME-key.pem ~
```

## 5. Run the regenerate-host.cert.sh script

The script to regenerate the certificates can be found in the NLS installer. It can be downloaded from <https://assets.nagios.com/downloads/nagios-log-server/r2/nagioslogserver-latest.tar.gz> if necessary:

```
cd /tmp  
wget https://assets.nagios.com/downloads/nagios-log-server/r2/nagioslogserver-latest.tar.gz  
tar -xzvf nagioslogserver-latest.tar.gz  
cd /tmp/nagioslogserver/subcomponents/opensearch/  
  
./regenerate-host-cert.sh
```

This will create new `HOSTNAME.pem` and `HOSTNAME-key.pem` files using the **machine's hostname**. This may or may not match what is in the `opensearch.yml` file. Edit the `yml` file to point at the new filenames if needed. There are four settings to look for:

```
plugins.security.ssl.transport.pemcert_filepath: HOSTNAME.pem  
plugins.security.ssl.transport.pemkey_filepath: HOSTNAME-key.pem  
plugins.security.ssl.http.pemcert_filepath: HOSTNAME.pem  
plugins.security.ssl.http.pemkey_filepath: HOSTNAME-key.pem
```

Also note that the regenerate script runs `hostname -fqdn` which can result in an error if the hostname is not resolvable in `/etc/hosts`.

## 6. Change ownership to nagios:nagios

Change ownership of the new files to **nagios:nagios**, replacing `HOSTNAME` in the following commands with the correct name:

```
chown nagios:nagios /usr/local/nagioslogserver/opensearch/config/HOSTNAME.pem  
chown nagios:nagios /usr/local/nagioslogserver/opensearch/config/HOSTNAME-key.pem
```

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## 7. Start OpenSearch

```
systemctl start opensearch
```

## 8. Edit opensearch.yml on other nodes(optional):

If the node is a member of a cluster you will need to edit the opensearch.yml files found on those machines as well and edit the `discovery.seed_hosts` setting to remove the old IP address. The list of seed hosts should automatically update with any new IP addresses, but old IP addresses need to be manually removed. After editing the list, restart opensearch:

```
systemctl restart opensearch
```

## Verifying Your Changes

Check the status of the instances under **Home > Admin > System > Instance Status**.

In some cases, the **Instances** list populate with a node multiple times. The instances will not display stats like load and CPU, and will use the machine's hostname instead of the IP address. If you encounter this, try restarting opensearch, and if that does not resolve the issue reboot the machine. You can remove duplicate entries with the trashcan icon.

## Finishing Up

This completes the documentation on Changing the IP Address of Nagios Log Server 2024R2 Instances . 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](#)

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