

# How To Back Up and Restore Nagios Network Analyzer 2026

## Purpose

This document describes how to back up a Nagios Network Analyzer 2026 installation and restore a Nagios Network Analyzer installation from a previously made backup. Backups are an important aspect of administration and maintenance of your system. They can easily facilitate the migration of a Nagios Network Analyzer installation between a virtual server and physical server, and the design of a fail-over or disaster recovery instance of Nagios Network Analyzer.

Before migrating, see [Nagios Software/OS compatibility matrix](#) for supported OS and software versions.

**Note:** If your objective is to migrate your settings and data from Network Analyzer 2024 to Network Analyzer 2026, please refer to the [2024 to 2026 Migration Guide](#).

## Backup Overview

The backup script will save a copy of the following components of Nagios Network Analyzer:

- Flows directory (`/usr/local/nagiosna/var/`)
- LDAP directory (`/etc/openldap` on RHEL/CentOS or `/etc/ldap` on Debian/Ubuntu)
- MySQL database (`nagiosna`)
- Select Apache config files (in `/etc/httpd/conf.d/` on RHEL/CentOS or `/etc/apache2/` on Debian/Ubuntu)
- Wireshark files (`/usr/local/wireshark`)
- Nmap files (`/usr/local/nmap`)
- Suricata files
  - Configs (`/usr/local/etc/suricata`)
  - Logs (data) (`/usr/local/var/log/suricata`)
  - Rules (`/usr/local/var/lib/suricata`)

The backup script will save backups in the `/store/backups/nagiosna/` directory. Backup names correspond to the Unix timestamp at the time the backups were created, for example:

`1761752209.tar.gz`.

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The backup script will:

- Gather all the files explained above into a directory in `/store/backups/nagiosna/`
- After collecting all of this data it then creates the `.tar.gz` file.
- When the `.tar.gz` file is successfully created, it will then delete all the individual files it collected during the gathering process.

It is important that there is enough free disk space in `/store/backups/nagiosna/` for the steps just explained, otherwise the backup process will fail (and your Nagios Network Analyzer server may run out of disk space, causing other issues).

## Store Backups On Remote Location

It is recommended that you save a copy of the backups that are created on another server or backup medium. There's no point in having backups if they reside on a disk that just crashed.

## Creating A Backup

Backups can be created from the command line, or in the web interface.

### From The Command Line

To create a backup of your Nagios Network Analyzer system from the command line, open a terminal or SSH session and log into your Nagios Network Analyzer server as the root user. Next you can create a backup of your Nagios Network Analyzer installation by running the following script:

```
usr/local/nagiosna/scripts/backup_na.sh
```

A successful backup will be completed with the following message:

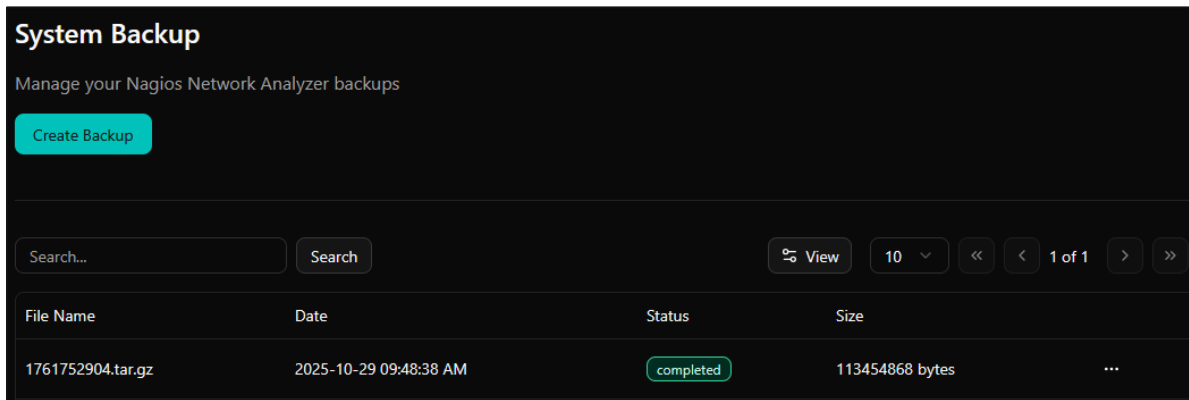
```
=====
BACKUP COMPLETE
=====
```

```
Backup stored in /store/backups/nagiosna/1761752209.tar.gz
```

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## In The Web Interface

You can create backups in the web UI via **Administration > System Backup**. Click the **Create Backup** button and the backup process will begin. While the backup is running the status of **Backup in progress...** will appear to the right of the button.



Once the backup has been completed it will appear in the list of backups.

## Restoring Overview

The restore script for Nagios Network Analyzer can be used for the following scenarios:

- Restoring a Nagios Network Analyzer server that died or crashed (on the same server or a different server)
- Migrating Nagios Network Analyzer from:
  - Different server types:
    - Physical to Physical
    - Physical to Virtual
    - Virtual to Virtual
    - Virtual to Physical
  - Different server versions and architectures.

Before you restore from a backup, you must make sure that you have performed an installation of Nagios Network Analyzer on the target machine you plan on restoring. This ensures that required users, groups, and packages are set up and installed on the target system.

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The version of the fresh install of Nagios Network Analyzer that you are restoring to needs to match the version of Nagios Network Analyzer that the backup was taken from. For example:

- Backup was created on Nagios Network Analyzer 2026R1.0
- The server you are restoring must have Nagios Network Analyzer 2026R1.0

All versions of Nagios Network Analyzer can be downloaded from the following page:

<https://assets.nagios.com/downloads/nagios-network-analyzer/versions.php>

After performing the restore you can then proceed to upgrade to the latest version available.

The restore script will restore the components of Nagios Network Analyzer as outlined in the [Backup Overview](#) section of this document.

The script will destroy any existing configurations and data on the server where Nagios Network Analyzer is being restored.

It is important that there is enough free disk space on the server as the restore script will:

- Extract the `.tar.gz` file to `/store/backups/nagiosna/`
- Copy the extracted files to the correct locations
- Remove the extracted `.tar.gz` folder when the restore completes

## Restoring A Backup From The Command Line

To restore a backup of your Nagios Network Analyzer system you must execute the restore script from the command line. If you are performing the restore on a new system you will need to copy the `.tar.gz` file to the `/store/backups/nagiosna/` directory.

To restore a backup of your Nagios Network Analyzer system from the command line, establish a terminal session to your Nagios Network Analyzer server as the root user. Start the restore by running the following script, pointing it to the full location of the `.tar.gz` file:

```
/usr/local/nagiosna/scripts/restore_na.sh </full/path/to/backupfile.tar.gz>
```

Example:

```
/usr/local/nagiosna/scripts/restore_na.sh /store/backups/nagiosna/1761752209.tar.gz
```

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Wait while the restore is performed.

A successful restore will complete with the following message:

```
=====
RESTORE COMPLETE
=====
```

## After The Restore

If you performed a restore on the same server that the backup was created on, you only need to log in to Nagios Network Analyzer to confirm it is working as expected.

If you restored Nagios Network Analyzer to a different server, the following additional steps may be required.

## Changed IP Address

If the IP Address of your Nagios Network Analyzer server changes, the following needs to be updated:

- Navigate to **Administration > Licensing > Update License** and ensure the server is licensed
- Configure the devices sending Network Flow data to the new IP Address

## Finishing Up

This completes the documentation on backing up and restoring a Network Analyzer instance. 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](#)