

# Nagios XI 2024 & 2026 Installation Options and Considerations

## Purpose

Nagios XI is developed, tested and fully supported to be used while connected to the internet. We also support an offline installation option that allows you to install and maintain Nagios XI an air-gapped environment, and ready-made Linux virtual machines.

This document provides details on the various install options, and key considerations to help you choose the best option for your requirements.

## Source or “Online” Installation

The usual type of installation for Nagios XI is the manual source, or “online” installation. This type of installation requires internet access during initial install to ensure that while you run the installer your server has full access to the Nagios and OS dependencies.

Leaving your instance connected to the internet is also necessary to ensure that when you perform Nagios XI upgrades as well as OS updates, your server will have full access to Linux and Nagios XI dependencies. You can find full instructions for the manual source install method here:

[Nagios XI Manual Install Instructions](#)

## Offline Installation

Offline installations may be required by your organization if you need to monitor your air-gapped environment. Nagios only offers offline Nagios XI installation and upgrade solutions for RedHat and CentOS Stream installation. It is important to understand that there are limitations with the installation of offline Nagios XI instances:

- You will not be able to perform a Nagios XI upgrade using the web GUI.
- You will not be able to check for new versions using the web GUI.
- Your Nagios XI instance will not reflect license renewals and will need to be reset manually.

Access to some application links including help and various documents will only work if the computer being used to access the Nagios XI UI via a browser on has internet access.

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For new offline installations using version 2024R1.3.1 and older, you will need to host your own Red Hat repositories. These are needed by the Nagios XI installer. If you want to avoid the need for local repositories, when installing Nagios XI version 2024R1.3.1 and older, you can perform the installation while connected to the internet and then move offline after the successful installation and before you start configuring your Nagios XI instance. You can find full instructions for the offline method here:

[Nagios XI Offline Installation Instructions](#)

For new installations using Nagios XI 2024R1.3.2 and greater, Nagios pre-packages the OS dependencies in the installation file, so you will not need to host your own repositories.

Nagios XI offline upgrades will require a full download of the offline tar file for the target version of the upgrade. You will still need to have access to the repositories, if upgrading to 2024R1.3.1 or earlier.

## Pre-packaged OVA/VHD

Nagios provides relatively current OVA/VHD files to enable our customers to quickly bootstrap and evaluate Nagios XI. The virtual machines contain a base CentOS Linux distribution, along with the most current version of Nagios XI. The source method is used for the installation of Nagios XI virtual machines, so they should not be used in an offline environment. You can find details on the various virtual machine options here:

[Nagios XI Virtual Machine Options](#)

## RPM and DEB Repositories

Nagios Repositories contain pre-compiled software binaries that are made available for customers that would like to use package managers such as DNF and YUM to automatically search, install, update, and manage Nagios XI on supported Linux distributions.

You can keep the Nagios XI server online or offline, using this method, but make sure to copy the RPM or DEB files to your local network, as well as all required repositories for your Linux distribution, if you plan on managing Nagios XI in an air gapped environment. Once you have used a package manager to install Nagios XI, you will need to continue to use the same method for upgrades. You can find the Nagios Repositories here:

<https://repo.nagios.com/>

# Nagios XI 2024 & 2026 Installation Options and Considerations

## Considerations

### You will want to avoid moving a source installation offline.

If you plan on moving a Nagios XI instance that was installed as source, or “online”, and plan on moving it offline, you should consider using the offline installation process when first setting up your Nagios XI instance. This will ensure that when you move it offline, it will work as intended and will upgrade properly, using the offline upgrade process.

Moving a source instance offline and attempting to perform an upgrade using the offline method will probably not work, and if it does, it will create an unstable Nagios XI instance going forward.

If you already have a source installation in place and have moved it offline, you can still overcome future upgrade and stability issues by migrating your source instance to an offline instance. This will require standing up a new Linux server with the same Nagios XI version as your current server and using the [backup and restore documentation](#).

### Maintaining your license with an offline Nagios XI instance.

If you have purchased and installed an offline Nagios XI server, you will use your new license key with the new the server and use the special offline activation process to license and activate your install.

However, when your license reaches the end of your contract year, your renewal will not be reflected on your license page, as online access to the Nagios licensing servers is necessary to automatically update the license status.

To ensure that your Nagios XI server is properly licensed in your second and subsequent years, you will need to perform a maintenance reset with an offline license key. At the time of renewal, please make sure to let your Customer Success Manager know that you are using an offline Nagios XI instance and will need the new offline key, as well as the offline maintenance reset instructions.

You can contact your Customer Success Manager by email at: [csm@nagios.com](mailto:csm@nagios.com)

## Finishing Up

The **Admin Guide** is an excellent resource to help you learn how to configure and manage Nagios XI:

[Nagios XI Admin Guide](#)

Still need installation help? We'll do it for free.

Schedule a free Quickstart session with our support team or contact sales at [sales@nagios.com](mailto:sales@nagios.com).

[Visit Nagios Support Forum](#)

[Visit Documentation Hub](#)

[Schedule a Quickstart](#)