

The Industry Standard in IT Infrastructure Monitoring

Purpose

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

Target Audience

This document is intended for use by Nagios XI Administrators, Nagios Authorized Resellers, and implementation partners.

Preparing To Upgrade

Prior to upgrading, you will need to log in to your Nagios XI machine as the root user.

It is recommended to backup your existing Nagios XI installation before attempting the upgrade process. In order to stop Nagios, back up directories, back up databases, and restart Nagios, issue the following commands:

```
service nagiosxi stop
service npcd stop
service ndo2db stop
service nagios stop

mkdir /root/pre-upgrade-backup
tar cjf /root/pre-upgrade-backup/usr-local-nagios.tar.bz2 /usr/local/nagios
tar cjf /root/pre-upgrade-backup/usr-local-nagiosxi.tar.bz2 /usr/local/nagiosxi
pg_dump -U nagiosxi -c -F p nagiosxi | bzip2 -c > /root/pre-upgrade-backup/pg_nagiosxi.sql.bz2
mysqldump -u root -pnagiosxi nagios | bzip2 -c > /root/pre-upgrade-backup/my_nagios.sql.bz2
mysqldump -u root -pnagiosxi nagiossql | bzip2 -c > /root/pre-upgrade-backup/my_nagiossql.sql.bz2

service nagios start
service ndo2db start
service npcd start
service nagiosxi start
```

Getting the Update

On the your Nagios XI server, first change to the /tmp directory:

```
cd /tmp
```

Next, download the latest stable or development release to the /tmp directory on the Nagios XI server.

Note: You will need to have the link to the Nagios XI version you'd like to download before you can proceed with the next step. You can find download links by logging in to the Nagios Library and visiting the Nagios XI downloads page at:

<http://library.nagios.com/library/products/nagiosxi/downloads/main>

To download the latest stable release to your Nagios XI server, use the following command:

```
wget http://assets.nagios.com/downloads/nagiosxi/xi-latest.tar.gz
```

Installing the Update

Unpack the update tarball you just downloaded (change the name to match your download):

```
tar xzf xi-latest.tar.gz
```

Change to the new *nagiosxi* subdirectory that was created when you unpacked the tarball:

```
cd /tmp/nagiosxi
```

Run the upgrade script:

```
./upgrade
```

Verifying the Upgrade

Once the upgrade scripts complete, you should login to the Nagios XI interface and verify things are still working. (If you are already logged in from earlier, log out and back in again.) The Nagios XI interface can be accessed using a URL like the following:

```
http://<ipaddress>/nagiosxi
```

where <ipaddress> is the IP address of your Nagios XI server.

Clearing the Session Cache

Once you've logged into the Nagios XI 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.

License Activation

If you are installing Nagios XI 2011 or later, you will be required to activate your license key before you can access certain features. Information on activating your license key can be found on the Nagios Library in a document titled *Activating Your Nagios XI License*.

<http://library.nagios.com/library/products/nagiosxi/documentation/417-activating-your-nagios-xi-license>

If You Encounter Problems

If you encounter any strange problems or weird behavior after the upgrade, we recommend that you reboot your Nagios server.

If you continue to have issues even after the reboot, please post a message on our support forum:

<http://support.nagios.com/forum>