

Nagios XI - Upgrading To PHP 7

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Overview

This document describes how to upgrade to PHP 7 on RHEL, CentOS and Oracle Linux systems. Nagios XI is compatible with the following versions of PHP.

5.3, 5.4, 5.5, 5.6 | 7.0, 7.1, 7.2 (XI 5.5+)

For performing installations and upgrades, Nagios XI uses the version of PHP provided by the operating system vendor such as RHEL, CentOS and Oracle Linux. For security and stability of PHP provided by operating system vendor.

To mitigate security vulnerabilities and avoid backward compatibility issues, operating system vendors have a process known as backporting. Here's how it works: RHEL patches the security fixes from the newer versions of these packages. For example, they will take the code from PHP 7.2 and apply the security vulnerability fix to the version of PHP provided to

Upgrading to PHP 7

If your company environment requires upgrading to PHP 7.x, please follow the commands below. These steps have been created to minimize upgrade or system failures due to PHP |

⚠ Must be using Nagios XI 5.5 or higher to upgrade to PHP 7.

All

```
yum -y install epel-release wget
yum remove nagiosxi-deps* -y
```

RHEL 6 | CentOS 6 | Oracle Linux 6

```
rpm -Uvh http://rpms.remirepo.net/enterprise/remi-release-6.rpm
```

RHEL 7 | CentOS 7 | Oracle Linux 7

```
rpm -Uvh http://rpms.remirepo.net/enterprise/remi-release-7.rpm
```

All

```
yum -y install yum-utils
PHPTZ=$(grep -s '^date.timezone' /etc/php.ini | awk '{print $3}')
yum -y remove php-*
yum-config-manager --enable remi-php72
yum -y install php php-imap php-opcache php-devel php-gd php-ldap php-mbstring php-pdo php-mysqlnd php-pgsql php-pear php-pecl-ssh2 php
sed -i "s::date.timezone = .*:date.timezone = ${PHPTZ}:" /etc/php.ini
cd /tmp
rm -rf /tmp/nagiosxi
wget https://assets.nagios.com/downloads/nagiosxi/xi-latest.tar.gz
tar xzf xi-latest.tar.gz
cd /tmp/nagiosxi
rm -rf /etc/php.d/sourceguardian.ini
./init.sh
sed -i '/^PHP script/d' xi-sys.cfg
sed -i '/^1/d' xi-sys.cfg
sed -i '/^2/d' xi-sys.cfg
sed -i '/^3/d' xi-sys.cfg
./install-sourceguardian-extension.sh
```

RHEL 6 | CentOS 6 | Oracle Linux 6

```
service httpd restart
```

RHEL 7 | CentOS 7 | Oracle Linux 7

```
systemctl restart httpd
```

Once completed you should login to Nagios XI and test everything is working OK. A system reboot is also recommended.

Final Thoughts

For any support related questions please visit the [Nagios Support Forums](https://support.nagios.com/forum/) at:

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

Posted by: **bsmith** - Tue, Oct 22, 2019 at 12:30 PM. This article has been viewed 2286 times.

Online URL: <https://support.nagios.com/kb/article/nagios-xi-upgrading-to-php-7-860.html>