FlexNet license server 11.12, 11.14, 11.16

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For more information about FlexNet, see:

- License Administration Guide. FlexNet Publisher 2014 R1 (11.12.1)
- License Administration Guide. FlexNet Publisher 2019 R2 (11.16.4)

Choosing the Flexnet server manager

There are three types of FlexNet server managers:

- *lmadmin* – a web-based license server manager with GUI (recommended).
- *lmgrd* – a license server manager with a command-line interface.
- *lmtools* – the old Windows-based server manager (replaced by *lmadmin*).

We recommend using *lmadmin*.

> ⚠
> - *lmadmin* installer comes in 32-bit architecture (regardless of the version) only.
>
> - 11.12.1 version license server utilities (except the *lmadmin* installer) come in 32/64-bit architectures.

Prerequisites
> 11.14 version license tools are not available in 64-bit binaries. Only 32-bit tools are available (additional 32-bit libraries need to be installed in

- You have downloaded the installation files of.
the 64-bit multi-arch system to execute them).
    - the FlexNet license server manager.
    - the vendor daemon - Cameo.

> ⚠ The license server manager (e.g., *lmadmin*) should be of the same or later version as a vendor daemon - Cameo you use.

For Windows users

> ⚠ To use *lmadmin* on Windows platforms, the Microsoft Visual C++ 2013 Redistributable Package must be installed. You have an option to install this package during the FlexNet Publisher License Server Installer process.

Windows	32-bit system	64-bit system

- You can run *lmadmin* (11.12.1) on these officially supported platforms: - Windows 8 - Windows Server 2012 - Windows Server 2008 - Windows 7 (Ultimate) - Windows Vista (Ultimate) - You can run *lmadmin* (11.14) on these officially supported platforms: - Windows 10 - Windows Server 2008, including SP1, SP2, and R2 - Windows 8 - Windows 8.1 - Windows 7, including SP1 - Windows Server 2012 R2 - Windows Server 2012	We recommend using 32-bit *lmadmin* or 32-bit *lmgrd* with a 32-bit Cameo daemon vendor file.	We recommend using 32-bit *lmadmin*. Additional 32-bit libraries need to be installed in the 64-bit multi-arch system to execute them.

For Linux users

Linux	32-bit system	64-bit system
- You need to have the *glibc* libraries installed corresponding to your operating system architecture. - You need to create a non-root system user with root privileges and install /run the server tools using it: ⚠️	- We recommend using the 32-bit *lmadmin* installer or 32-bit *lmgrd*. - You need to install the Linux Standard Base (LSB) library. **For Ubuntu** `sudo apt-get install lsb-core` **For Redhat/CentOS /Fedora**	- We recommended using 32-bit *lmadmin* and 64-bit *lmgrd* for 64-bit multi-arch systems. - For version **11.12.1** we recommend either using the 32-bit *lmadmin* installer (for multi-arch systems), or the 64-bit *lmgrd*: ⚠️ - For version **11.14** we recommend either using the 32-bit *lmadmin* installer, or the 32-bit *lmgrd* for multi-arch systems. **64-bit 11.14 lmadmin /lmgrd binaries are not available.** ⚠️

Check if LSB was installed successfully using:

`lsb_release -a`	`sudo yum install redhat-lsb-core`	

⚠️ In order to query which lsb library is required for a particular Centos version, the following command can be executed:

ℹ️ It is the best practice to run license servers on a server-based OS.

Related pages

- [Installing FlexNet license server 11.12, 11.14, 11.16](#)
- [Troubleshooting](#)
- [Useful commands](#)

This can be achieved either by:

1. Adding the user to the 'sudo' group

2. Editing the file /etc/sudoers using visudo.

Method 1 (Ubuntu based)

```
sudo adduser newuser
sudo usermod -aG sudo
newuser
```

Method 2 (Ubuntu based)

```
Modify '/etc/sudoers' with
the editor "visudo".

#Create a user called
"newuser"
[root@mylinux~]#useradd
newuser
[root@mylinux~]#passwd
newuser

#Edit the file with visudo:
[root@mylinux~]# visudo

#Find a line 'User
privilege specification'
and add the following.
newuser ALL=(ALL) ALL
```

Method 1 (Redhat/Fedora/CentOS)

```
sudo adduser newuser
sudo passwd newuser
sudo usermod -aG wheel
newuser
```

Installing 32-bit libraries. Installing the product on a 64-bit machine will require 32-bit libraries.

For recent Ubuntu

```
sudo apt-get install libc6-i386
apt-get update
sudo apt-get install lsb-cor
```

For older Ubuntu

```
sudo dpkg --add-architecture i386
apt-get update
sudo apt-get install libc6:i386 libncurses5:i386
libstdc++6:i386
sudo apt-get install lsb-core
```

For Redhat/CentOS/Fedora

```
sudo yum install redhat-lsb-core.i686
```

Running 64-bit lmgrd on 64-bit system. Running lmadmin on 64-bit system requires install of the Linux Standard Base (LSB) libraries. You can place these libraries in lmadmin directory to the LD_LIBRARY_PATH in order to run *lmadmin*.

For Ubuntu

```
sudo apt-get install lsb-core
```

e.g. if your *lmadmin* installation is at /opt/FNPLicenseServerManager then adding it to the path would look like this:

```
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:/opt
/FNPLicenseServerManager
```