

FlexNet license server 11.17.0, 11.18.2, 11.19.0

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For more information about FlexNet, see:

- [License Administration Guide. FlexNet Publisher 2020 R2 \(11.17.0\)](#)
- [License Administration Guide. FlexNet Publisher 2021 R3 \(11.18.2\)](#)
- [License Administration Guide. FlexNet Publisher 2022 R1 \(11.19.0\)](#)

Choosing the Flexnet server manager


There are three types of FlexNet server managers:

- *Imadmin* – a web-based license server manager with GUI (recommended).
- *Imgrd* – a license server manager with a command-line interface.
- *Imtools* – the old Windows-based server manager (replaced by *Imadmin*).


We recommend using *Imadmin*.

Prerequisites

- You have [downloaded](#) the installation files of:
 - the FlexNet license server manager.
 - the vendor daemon - Cameo.

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

Windows

 To use *Imadmin* 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.

| Modeling tool version | 32-bit system | 64-bit system |
|-----------------------|---|---|
| 2021x and later | We recommend using 32-bit <i>Imadmin</i> or 32-bit <i>Imgrd</i> with a 32-bit Cameo daemon vendor file. | We recommend using 64-bit <i>Imadmin</i> or 64-bit <i>Imgrd</i> with a 64-bit Cameo daemon vendor file. |
| 19.0 and earlier | We recommend using 32-bit <i>Imadmin</i> or 32-bit <i>Imgrd</i> with a 32-bit Cameo daemon vendor file. | We recommend using 32-bit <i>Imadmin</i> or 32-bit <i>Imgrd</i> with a 64-bit Cameo daemon vendor file. |

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Linux

 It's the best practice to run license servers on a server-based OS.

- 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(*Imadmin*/*Imgrd*) using it.
- You need to install the Linux Standard Base (LSB) library.

Redhat/Fedora/CentOS


1. Create a new user and add this user to the group.
2. Add user to sudoers (/etc/sudoers).
3. Install the Linux Standard Base (LSB) library.

Redhat/Fedora/CentOS

```
sudo groupadd -r lmadmin
sudo useradd -d /home/lmadmin -g lmadmin -m -r lmadmin
sudo echo "lmadmin ALL=(ALL) NOPASSWD:ALL" >> /etc/sudoers
sudo yum install -y ld-linux.so.2
sudo yum install redhat-lsb-core
```

Check if LSB was successfully installed using:

```
lsb_release -a
```

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

```
Uk sudo yum provides /lib/ld-lsb.so.3
```

1. Add the user to the 'sudo' group
2. Edit 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
```

3. Install the Linux Standard Base (LSB) library.

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

| Modeling tool version | 32-bit system | 64-bit system |
|-----------------------|--|---|
| 2021x and later | <ul style="list-style-type: none">• We recommend using 32-bit <i>lmadmin</i> installer or 32-bit <i>lmgrd</i>. | We recommend using 64-bit <i>lmadmin</i> or 64-bit <i>lmgrd</i> with a 64-bit Cameo daemon vendor file. |
| 19.0 and earlier | <ul style="list-style-type: none">• We recommend using 32-bit <i>lmadmin</i> installer or 32-bit <i>lmgrd</i>. | <ul style="list-style-type: none">• Please use 32-bit <i>lmadmin</i> installer. Additional 32-bit libraries need to be installed in the 64-bit multi-arch system to execute them.• Alternatively, you can use 64-bit <i>lmgrd</i> version 11.12.1. Learn more about 11.12.1 installation >> |

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Related pages

- [Installing FlexNet 11.17.0, 11.18.2, 11.19.0](#)
- [Troubleshooting](#)
- [Useful commands](#)