

# Upgrading the license server for a new IDA version

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In some cases new IDA releases require updating the license server software or some of its components. In other cases just re-activation is enough.

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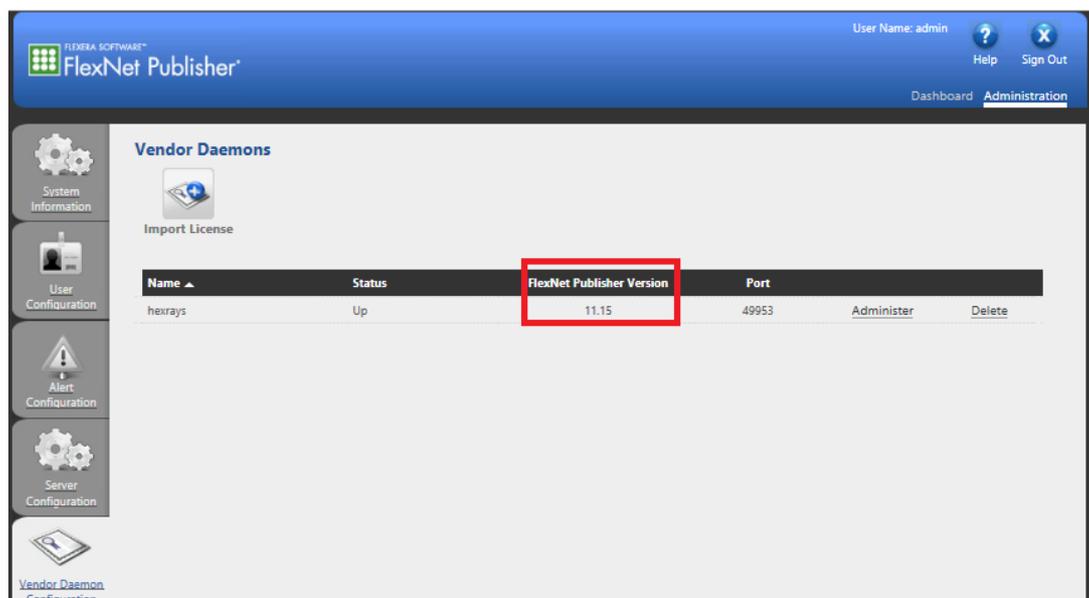
## 1 License server upgrade process

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### 1.1 Determine the current daemon version

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- Via ladmin Web UI: Administration-Vendor Daemon Configuration, check the *Flexnet Publisher version* column.



The screenshot shows the FlexNet Publisher Administration Web UI. The top navigation bar includes the FlexNet Publisher logo, user information (User Name: admin), and links for Help and Sign Out. The main content area is titled 'Vendor Daemons' and features an 'Import License' button. Below this is a table with columns for Name, Status, FlexNet Publisher Version, and Port. The 'hexrays' daemon is listed with a status of 'Up' and a version of '11.15', which is highlighted with a red box. The table also includes 'Administer' and 'Delete' actions for each entry.

Name	Status	FlexNet Publisher Version	Port	
hexrays	Up	11.15	49953	Administer Delete

*Daemon version in the Web UI*

- Via commandline: go to ladmin's install directory and run:

```
hexrays.exe -v (Windows)
```

or

```
./hexrays -v (Linux/macOS)
```

Check if you need to upgrade it using the table below.

new IDA version	Required hexrays daemon version
7.0/7.0 SP	v11.13 or greater
7.1	v11.15 or greater
7.2 or above	v11.16 or greater
7.7 or above	v11.18 or greater

If you already have the required version, just redo the activation as described in the section 2.

## 1.2 Replacing the hexrays daemon

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Stop the daemon via the lmadm web UI or by killing the process and replace the executable with the latest one from our [download page](#)<sup>1</sup>. Do not forget to set the executable flag on Linux or macOS. Then start it again from the web UI.

## 1.3 Upgrading lmadm (optional)

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It is recommended to keep the version of lmadm same or higher as the daemon although in most cases it will work if their versions are close. New lmadm versions bring security fixes and functionality improvements. Please check “Upgrading lmadm” section in the [License Administration Guide](#)<sup>1</sup> if you decide to upgrade lmadm.

## 1.4 Reinstalling lmadm on Windows (optional)

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If upgrading lmadm using official directions does not succeed or you'd like to perform a clean reinstall for other reasons, the recommended procedure is as follows:

1. Backup the current .lic file(s) (usually in licenses/hexrays directory)
2. Uninstall lmadm using uninstaller, either via Control Panel, or by running `Uninstall FlexNet Publisher License Server Manager.exe` manually. Make sure to reply “Yes” when asked to stop and remove lmadm service.
3. clean up the remaining files in the install directory (hexrays daemon, logs etc.)
4. Install latest lmadm version from our [download page](#)<sup>1</sup> (x64 version is recommended) as a new install. You can follow the [install guide](#).
5. Copy latest hexrays.exe daemon to the install directory and use .lic from step 1 to add licenses back to the server, or proceed directly to next section.

## 2 Activating licenses for the new IDA version

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### 2.1 Activate using new ida.key

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1. get the latest ida.key from one of the installed IDA clients or from your personal IDA download page.

The key file should start with the text "HEXRAYS\_LICENSE N.M" (where N.M is the new IDA version).

2. submit it to the [activation page](#)<sup>2</sup>.

Make sure to specify the same host ID as before. If necessary, you can look it up in the first line of the current .lic file (open it in a text editor). E.g.

```
SERVER server_name f832e4710f41
```

Here, f832e4710f41 is the host ID you should use.

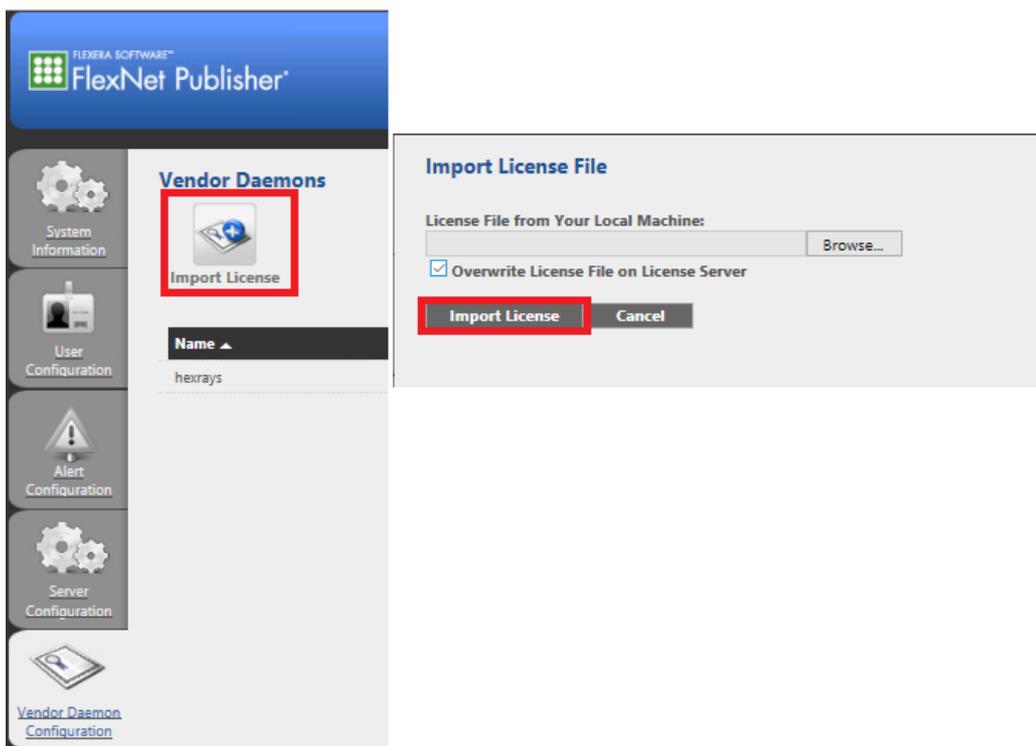
<sup>1</sup> <https://www.hex-rays.com/products/ida/support/flexlm/>

<sup>2</sup> <https://www.hex-rays.com/activate.shtml>

## 2.2 Update .lic file on server

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1. upload the new .lic file via the Web UI, specifying *Overwrite License File on License Server*



*Uploading new .lic file via WebUI*

2. Verify that the new licenses are reflected on the Dashboard/Concurrent page.

The screenshot shows the FlexNet Publisher web interface. The top navigation bar includes the FlexNet Publisher logo and links for Help and Sign Out. The main content area is divided into two sections: Alerts and Licenses. The Alerts section shows 0 Critical alerts. The Licenses section shows a table of licenses with columns for Feature, Version, In Use (Available), and Expiration. A red box highlights the 'Version' column, and another red box highlights the 'Concurrent' license icon.

Feature	Version	In Use (Available)	Expiration
HEXARMFL	7.0	0 (2)	PERMANENT
HEXX86FW	7.0	0 (2)	PERMANENT
IDASTAFL	7.0	0 (2)	PERMANENT
IDASTAFW	7.0	0 (2)	PERMANENT

*License versions in the WebUI*

3. now you can use new IDA clients.

The new licenses can still be used by older version clients, so you do not have to upgrade all IDA installs at the same time.