

Performing a silent installation

The information on this page refers to LM-X version 4.5.2 and newer, which added silent installation for Linux. Previous versions support silent installation for Windows only.

You can perform silent (that is, unattended) installations on Windows and Linux as described below.

Performing a silent installation of End-user Tools and the license server on Windows

LM-X End-user Tools can be installed silently using msixec (for details on using msixec, refer to the Microsoft Developer Network at <http://msdn.microsoft.com/en-us/library/windows/desktop/aa367988>).

When performing a silent installation, it is recommended to use reduced UI level, which can be triggered by using msixec with the /qr flag (although the software can also be installed using other /q flags as well).

You can then configure the installation using the following public properties:

Property	Description	Default
INSTALLDIR	Path under which LM-X End-user Tools will be installed.	x86: C:\Program Files (x86)\X-Formation\LM-X End-user Tools version x64: C:\Program Files\X-Formation\LM-X End-user Tools version x64
INSTALLSERVER	If set to 1, LM-X License Server will be installed alongside the End-user Tools.	1
VENDORDLLPATH	Path to liblmxvendor.dll that will be copied to INSTALLDIR. Set to empty string to disable copying the dll. Has no effect if INSTALLSERVER <> 1.	N/A
INSTALLSERVICE	If set to 1, LM-X License Server will be installed as a service . Has no effect if INSTALLSERVER <> 1.	1
SERVICEDISPLAYNAME	Display name of installed LM-X License Server service. Has no effect if INSTALLSERVICE or INSTALLSERVER <> 1.	LM-X License Server version

For example:

```
C:\lmx-sdk-v4.4.6>msiexec /i lmx-enduser-tools_v4.4.6_win32_x86.msi VENDORDLLPATH=C:\lmx-sdk-v4.4.6\win32_x86\liblmxvendor.dll INSTALLDIR=C:\lmx-enduser-v4.4.6 /qr
```

Performing a silent installation of the SDK and End-user Tools on Linux

The LM-X SDK and End-user Tools can be installed silently on Linux as described below.

LM-X SDK installation

You can run a silent (that is, unattended) installation of the LM-X SDK at a command line using the following options.

Option	Description
-c <i>security_config_filename</i>	Use a security configuration file from a previous installation.
-b	Compile the LM-X SDK after installation.
-t	Install the LM-X End-User Tools after LM-X SDK compilation.
-k <i>activation_key</i>	An activation key.
-f <i>license_file_path</i>	License file path.
-e accept reject	Accept or reject the End User License Agreement.
-i <i>installation_directory</i>	Installation directory.
-h	Print this help message.

Example 1

The following example installs the SDK without compiling it or installing End-User Tools:

```
sudo ./lmx-sdk_v4.5.2_linux_x64.sh -- -e accept -i /opt/lmx-sdk-4.5.2 -f /home/vendor/Download/lmx.lic
```

Example 2

The following example:

- Installs and compiles the SDK
- Installs the End-User Tools to the path `/opt/lmx-sdk-4.5.2`
- Registers the LM-X License Server Service under the default name "lmx-serv-4.5.2."

```
sudo ./lmx-sdk_v4.5.2_linux_x64.sh -- -e accept -i /opt/lmx-sdk-4.5.2 -f /home/vendor/Download/lmx.lic -b -t
```

LM-X End-User Tools installation

You can run a silent (that is, unattended) installation of the LM-X End-User Tools at a command line using the following options:

Option	Description
-s	Start the LM-X License Server after installation.
-l <i>library_path</i>	LM-X vendor library path.
-n <i>service_name</i>	Service name (defaults to <code>lmx-serv-version</code>).
-r	Overwrite existing service.
-u <i>username</i>	Run as the specified user.
-e accept reject	Accept or reject End User License Agreement.
-i <i>installation_directory</i>	Installation directory.
-f	Overwrite any existing files.
-p	Postpone providing vendor library.
-h	Print this help message.

Example 1

The following example:

- Accepts the EULA
- Installs the LM-X License Server and End-User Tools to `/opt/lmx-enduser`
- Registers the LM-X License Server Service under the default name "lmx-serv-4.5.2."

```
sudo ./lmx-enduser-tools_v4.5.2_linux_x64.sh -- -e accept -i /opt/lmx-enduser -l /home/enduser/Download/liblmxvendor.so
```

Example 2

The following example:

- Accepts the EULA
- Installs the LM-X License Server and End-User Tools to `/home/enduser/lmx`
- Makes the "enduser" user an owner
- Registers the LM-X License Server Service under the name "lmxserv"
- Starts the service after installation.

```
sudo ./lmx-enduser-tools_v4.5.2_linux_x64.sh -- -e accept -i /home/enduser/lmx -l /home/enduser/Download/liblmxvendor.so -u enduser -n lmxserv -s
```