

RLM Already Installed – Floating license of ExtendSim

When RLM is already running on the Server where you want to install the License Manager for ExtendSim

DO NOT use the installer named *ExtendSimServerLicenseManager* unless instructed below.

The Floating license of ExtendSim uses the Reprise License Manager (RLM.exe). If RLM is already running on the Server where you want to install the License Manager for an ExtendSim license, there are two options:

1. If the currently running version of RLM is release 12 or greater, use Case 1, below, to add ExtendSim files to the existing installation.
2. If the currently running version of RLM is earlier than release 12, use Case 2, below, to stop and remove the existing Service and instead use the RLM.exe that ships with ExtendSim.

Both cases accommodate the products that are already using RLM as their license manager.

CASE 1: IF THE CURRENTLY RUNNING VERSION OF RLM IS RELEASE 12 OR GREATER:

Step 1 • Install the ISV Settings File on the Server

1. DO NOT INSTALL THE EXTENDSIM LICENSE MANAGER ON THE SERVER.
2. Obtain an ISV settings file (extendsim.set) from Imagine That Inc.
3. Place the extendsim.set file in the same directory where the other RLM-using product has installed RLM.exe and their license and settings files

Step 2 • Activate the License

1. Follow the instructions for “Step 2 • Activate the License Manager” in the document “Installing & Activating ExtendSim Floating Licenses”.
2. Activation will either be automatic or manual
3. Make a copy of the extendsim.lic file for use in activating ExtendSim on each Client device
 - a. Since RLM was already running, the extendsim.lic license file will be located in the same folder where you placed the extendsim.set file
 - b. If you subsequently edit the license file, such as changing the ISV port, distribute the *modified* file to the Clients

Step 3 • Install and Activate ExtendSim on Client devices

1. Follow the instructions for “Step 3 • Clients: Installing ExtendSim”, in the document “Installing & Activating ExtendSim Floating Licenses”
2. Follow the instructions for “Step 4 • Activating ExtendSim on Clients”, in the document “Installing & Activating ExtendSim Floating Licenses”

NOTE: With this option, the License Manager (RLM) will run as a Service under the existing Service’s name. The Service will not be named “ExtendSimLicServer”.

CASE 2: IF THE CURRENTLY RUNNING VERSION OF RLM IS EARLIER THAN RELEASE 12:

Step 1 • Stop and remove the currently running RLM Service

1. Determine the name of the existing RLM Service (the Service used by the other RLM-managed products)
2. Stop that Service (instructions for Windows 10; others differ)
 - a. Right-click on the Server’s Start command and choose Computer Management.

- b. In the list that appears, double-click **Services and Applications**.
 - c. Double-click **Services**.
 - d. In the list that appears, scroll to **the name of the identified RLM Service**.
 - e. Stop that service (right-click select **Stop**).
 - f. Close the Computer Management window.
3. Remove the currently running RLM Service
 - a. Open Command Prompt as Administrator (Enter CMD in the Search box and simultaneously click Ctrl+Shift+Enter).
 - b. Click "Yes" in the User Account Control window to enable Windows Command Processor.
 - c. At the command line enter **SC delete xyz** (where xyz is the name of the identified RLM Service) and press the Enter key.
 - d. If successful, the Service will be removed and you can close the window.

Step 2 • Install the License Manager (RLM.exe) used by ExtendSim

1. Use the **ExtendSimServerLicenseManager** installer (obtained from an email, a download, or an ExtendSim 10 USB drive) and follow its instructions to install the files on the Server.
2. If you encounter security issues when installing, see the FAQ's for a Floating license.
3. By default the installer creates a folder named *ExtendSimFloatingLicenseServer* that is placed at the root of the Server's C drive (C:/ExtendSimFloatingLicenseServer). The folder contains the RLM Svc folder and three files: extendsim.set, logfile, and RLM.exe.
4. After installation, the License Manager (RLM.exe) will silently run in the background as a Service named *ExtendSimLicServer*.
5. Before proceeding, we suggest you verify that ExtendSimLicServer is running as a Service.
6. Copy the all the settings and license files (but not RLM.exe) from the previous RLM server folder to the ExtendSimFloatingLicenseServer folder, which by default will be located at the root of the C drive.

Step 3 • Activate the License Manager

1. Follow the instructions for "Step 2 • Activate License Manager" in the document "Installing & Activating ExtendSim Floating Licenses".
2. Activation will either be automatic or manual.
3. Make a copy of the extendsim.lic file for use in activating ExtendSim on each Client device
 - a. The extendsim.lic license file will be located by default at C:/ExtendSimFloatingLicenseServer
 - b. If you subsequently edit the license file, such as changing the ISV port, distribute the *modified* file to the Clients

Step 4 • Install and Activate ExtendSim on Client devices

1. To install on Client devices, follow the instructions for "Step 3 • Clients: Installing ExtendSim", in the document "Installing & Activating ExtendSim Floating Licenses"
2. To activate ExtendSim on Client devices, follow the instructions for "Step 4 • Activating ExtendSim on Clients", in the document "Installing & Activating ExtendSim Floating Licenses"

NOTES

NOTE 1: What if I don't know if RLM is already running on the Server?

If you installed the License Manager without following these instructions, the log file will report something similar to:

```
(rlm) ... error binding UDP port 5053, port in use
(rlm) This is probably due to another copy of RLM running
(rlm) While not fatal, this instance of RLM won't respond
(rlm) to broadcast requests.
```