

Quick Start Guide for Installing OLicense-Server on Windows for use with SimDiff

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Installing OLicense-Server

The latest version of OLicense-Server for Windows can be downloaded from [our website](#).

The OLicense-Server installer will walk you through the details of installation. *Typical* is the recommended installation type.

The server's control-panel can be run immediately after installation. In order to configure the server, leave the box checked and the installer will start the control-panel. Otherwise, you can run it from the Start Menu:

Start ▷ All Programs ▷ OLicenseServer ▷ OLicense-Server-Control

Note - updating OLicense-Server from one version to the next may require a machine reboot. If a machine reboot must be avoided, please follow these precise steps when updating:

1. Open OLicense-Server-Control and stop OLicense-Server

2. Open the Services tab of Windows Task Manager and verify that the OLicense service is not running.
3. Run the uninstaller for the existing version of OLicense-Server
4. Run the installer for the new version of OLicense-Server

Configuring OLicense-Server

In order to configure OLicense-Server you must decide the port it will run on and whether it will run as a Windows service or as a local process.

It is highly recommended that OLicense-Server be configured as a Windows service, for persistence, performance, consistency.

Setting the Port Number

The port number is 80 by default, which could conflict with other servers. The server's port can be changed via the ini-file. The ini-file can be edited from within the server's control panel, under the Server-INI-File tab.

To change the port number, look for the option: "-port". It is to be followed by the port number (e.g. "-port=8080"). Note that the port option is by default commented out, so be sure to remove the 2 forward slashes at the beginning of the line.

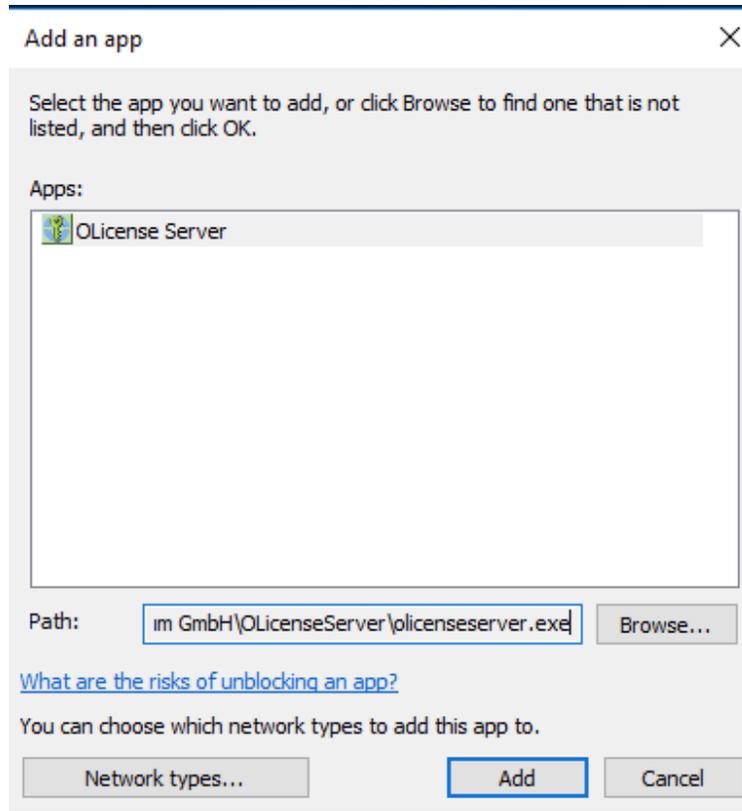
After changing the port number, click on the Save button at the bottom of the Server-INI-File tab. If the server is already running, restart it by using Stop Local and Start Local for a local process, or Stop Service and Start Service for a service in the Start/Stop tab.

Configuring Windows Firewall

On Windows, the firewall must be configured to allow incoming connections to OLicense-Server. Use Windows Firewall to perform this configuration:

Control Panel ▷ *System and Security* ▷ *Windows Firewall* ▷ *Allow an app or feature through Windows Firewall*

Important - when prompted for the application to allow, be sure to choose "olicenserver.exe", and not "OLicenseServerCtrl.exe"!



Running OLicense-Server as a Windows Service

In the control panel, select the Start/Stop tab. If the server is configured as a local process and is currently running, click on Stop Local. Then, click on Install as Service. The default startup type for this service is Automatic.

When you are done configuring the OLicense-Server, click Start Service to start the server.

Running OLicense as a Local Process

If the OLicense-Server is not installed as a service, there will be a button that reads Start Local on the Start/Stop tab of the control-window. Clicking this button will launch the OLicense-Server as a local process. Likewise, the button that reads Stop Local shuts down the server process.

Setting a Password for the OLicense Web Interface

Once OLicense-Server is running you should set a password for the web interface.

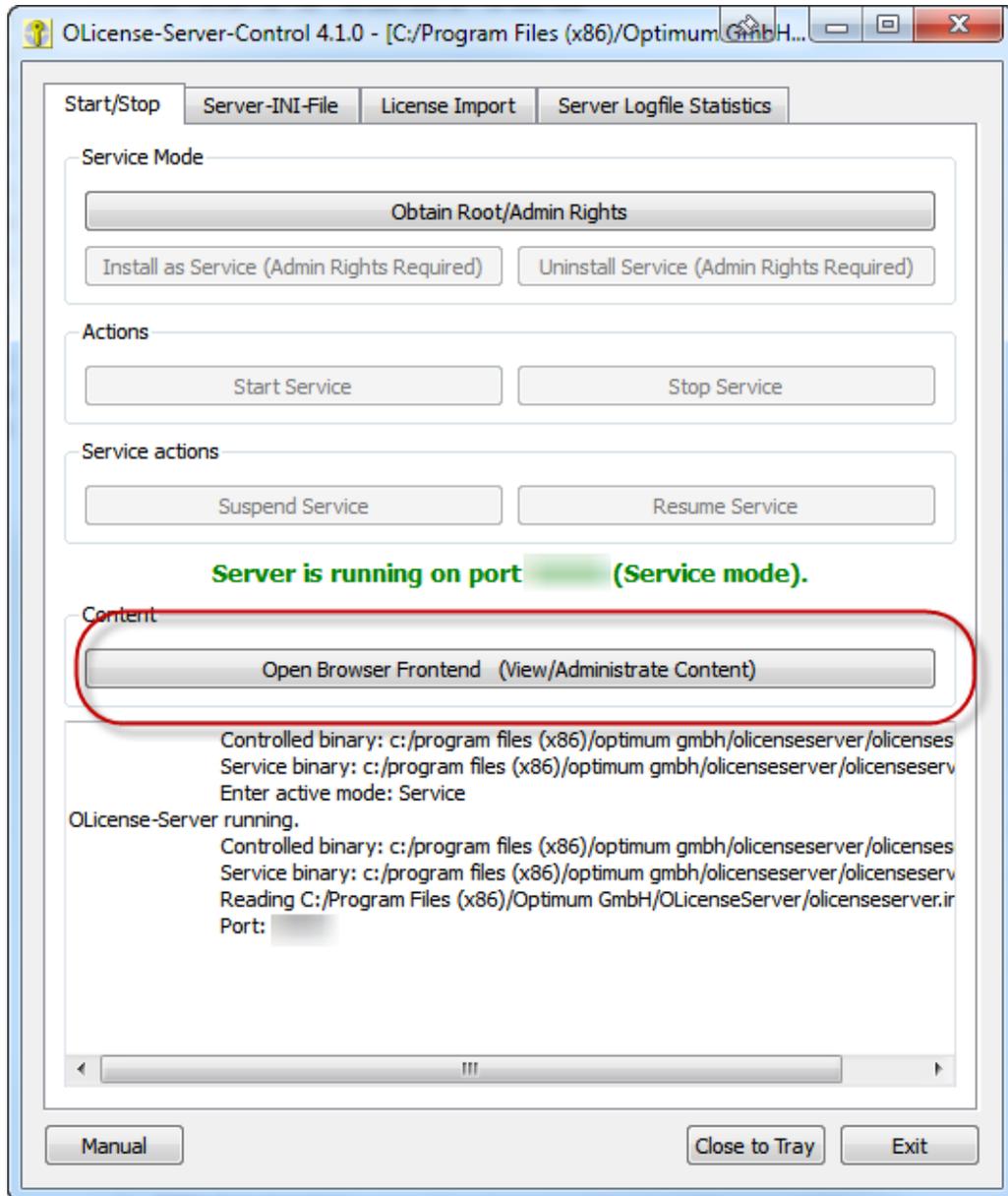
To open the web interface go to the Start/Stop tab and click Open Browser Frontend.

Click on Administer Server, if a password dialog appears click OK (the first time you run the server the user name and password are blank).

Check off the box to the left of User & Password to indicate that you intend to change this setting. Enter the desired user name and password. Scroll down to the bottom of the page and click Change the selected attributes now.

Getting Server Info to EnSoft (for floating licenses)

Open Browser Frontend and Click on Administer Server. Click on Export Server Info to save a file (.olsiml) and send it to EnSoft. Please see pictures below.



There are seven use cases to work with:		
License Request	Grants or refuses a license request from a software program. The request protocol is SOAP (Simple Object Access Protocol) with Rijndael ciphered data.	(A licensed software program with the OLicense-Client-API compiled in will communicate this way.)
License Import	Imports a license key file got from your licensor. The license file must be in XML<IDOCTYPE OLicense> format. The keys are needed to validate a license request.	<input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Import Selected XML"/> Use this form to select and send the license file.
License Report	Shows the imported licenses.	<input type="button" value="View Licenses"/>
License Check In/Out	Calls a password-protected form to check out licenses from a remote server, or to check in the checked-out licenses.	<input type="text"/> URL of the remote server <input type="button" value="Check Out Licenses..."/> <input type="button" value="Check In Licenses..."/>
Server Administration	Calls a password-protected form to manage some server attributes.	<input type="button" value="Administer Server..."/>
License Administration	Calls a password-protected form to configure and delete licenses.	<input type="button" value="Administer Licenses..."/>
Floating License Reservation	Calls a password-protected form to reserve floating licenses to hosts or users.	<input type="button" value="Reserve Floating Licenses..."/>

Visit our homepage for more information: www.olicense.com

OLicense-Server Attributes		
<input type="checkbox"/> User & Password	Sets/Changes the username and password which protects most forms.	User <input type="text"/> Password <input type="password"/> Confirm <input type="password"/>
<input type="checkbox"/> Logfile	Enables/Disables the logfile. Sets the path where the server will store the logfiles. A logfile contains the session protocol (e.g. who requested a license and when). The filename is: OL<YYYYMM>.log.	Logfile enabled Yes <input type="radio"/> No <input checked="" type="radio"/> Path C:/Program Files (x86)/Optimum GmbH/OLic
<input type="checkbox"/> Alert Email	Sets the alert email address and the mail server. The license server will send an email to that address if a license expires, etc.	email address <input type="text"/> SMTP server <input type="text"/> 25 Warn #weeks before a license expires <input type="text"/> 2
<input type="checkbox"/> PayPerUse Filepath	Sets the path where the server will store the protocol files for a PayPerUse license. The filename is: OL_<Licensor-Ident>_<YYYYMM>.ppu.	C:/Program Files (x86)/Optimum GmbH/OLicenseServer/
<input type="checkbox"/> Check In/Out Server	Sets the URL of the preferred server for license check in and out Format: <protocol>://<server>:<port> e.g. http://localhost:80	<input type="text"/>
<input type="checkbox"/> Preferred Server ID	The preferred server ID. Used by Floating, PayPerUse and optionally by NamedUser licenses. If it is not visible on the right side, one of the alternative IDs must be used.	<input type="text"/> <input type="button" value="Export Server Info..."/>
<input type="checkbox"/> Alt. Server ID 1	Compound ID of network card information.	<input type="text"/>
<input type="checkbox"/> Alt. Server ID 2	ID of active network card.	<input type="text"/>
<input type="checkbox"/> U3 Smart Drive ID	The ID on the right side (if visible) can be used if you like to have a portable ID, i.e. the licenses for that ID are valid on any machine to which this U3 drive is connected.	<input type="text"/>

Adding or Updating Licenses

Via OLicense-Server-Control

Start the OLicense-Server-Control from:

Start ▷ All Programs ▷ OLicenseServer ▷ OLicense-Server-Control

The server must already be running to import a license. If the server is not running, go to the Start/Stop tab and click Start Service or Start Local.

To import a license file, go to the License Import tab. Type the filename in the text-box or click ... to browse to the license-file. Click the Import License File Now button.

Via Web Interface

Browse to the OLicense-Server's web interface. This can be done directly from a web browser if you know the address and port of your server or via the Open Browser Frontend button in the Start/Stop tab of the OLicense-Server-Control.

In the License Import section there is a button labeled Browse.... Click the button and locate the license file (.olixml) file on your local machine that you wish to import.

After the file has been chosen, its location will be loaded into the text-box. Click on the Import Selected XML button. This causes OLicense-Server to import the license and activate it if it is valid.

License Settings in SimDiff

Each SimDiff installation must be configured to connect to the license server. From the SimDiff File menu, select License Setup.

The screenshot shows the 'SimDiff 4 - License Setup' dialog box. It features a 'License Type' section with two radio buttons: 'License Key' (unselected) and 'Network (OLicense)' (selected). Below this are 'Address' and 'Port' text input fields. The 'License Subtype' dropdown menu is set to 'Named-User Workgroup Float', and the 'Product' dropdown is set to 'SimDiff 4 Team'. There are also 'Username' and 'E-mail' text input fields. At the bottom, there are 'View User/Host Info', 'OK', and 'Cancel' buttons. A red error icon and the message 'Please enter the license server address.' are displayed at the bottom of the dialog.

1. License Type: Select “Network (OLicense)”.
2. Address: Enter the license server address. The address may be either a name or an IP address; for example, myserver.example.com or 93.184.216.34.
3. Port: Enter the license server port. The default is 80. Refer to the section “Setting the Port Number” to change the server port number.
4. License Subtype: Select Node-Locked Workgroup Float or Named-User Workgroup Float. (A Workgroup Floating license can support a mixed pool of either named-user clients or node-locked clients.)

5. Product: Select the product that matches your SimDiff edition (SimDiff 4 Team, SimDiff 4 Professional, etc.).

Removing a License

Open the Browser front end and click on the “Administer Licenses...” button on the home page. Provide server admin login credentials if prompted. Locate the row for the license to be removed, and check the box in both the “unload” column and the “change” column. Press the “Change the selected licenses now” button at the bottom of the page.

If you have a server-locked license (e.g. a workgroup floating license), you will be given a deletion key. This key must be sent to EnSoft to verify license removal when transferring a server-locked license from one machine to another. Once the license has been verified to be removed, EnSoft will send a new license file that is locked to the new machine.

Monitoring and Managing Floating Licenses

View License Checkouts

Open the Browser front end and click on View Licenses button in the License Report Section. The *floating(in use)* column will show how many floating licenses are installed and how many are in use.

The OLicense server also maintains a server log in the OLicense installation directory. Default installation location is *C:\Program Files\Optimum GmbH\OLicenseServer*. The log file name starts with OL and has an extension of *.log*. Each time a floating license is allocated, it is logged in the file.

Manage Workgroup Floating License Users List

See the supplemental “Workgroup Floating License Management Guide” document