

How to borrow a network license using CLM Admin

This article describes how to borrow a network license using CLM Admin.

Normally, a computer that uses a network license must remain connected to the license server. If the connection is broken, the license is considered invalid and the software will not continue to run.

If there is a need to disconnect the computer from the network, borrowing can be used to obtain a license that will remain valid even after the connection to the license server is broken. For example, this could be used by a customer to take an offline license of PC-DMIS home to work for a weekend.

In order to borrow a network license, the entitlement must be populated with options/products that support borrowing.

Prerequisites







These instructions assume the following:

- A license that supports borrowing has already been activated on the network license server.
- The HM Remote Management Daemon (Server) x64 service has been started and is running on the network license server (see the [Remote Management Daemon \(Server\)](#) section, below.)
- The 64-bit version of CLM Admin is installed and is being used on the computer that is borrowing the network license.

After following the steps, you will be able to disconnect the computer from the network and use the license and software as though you were still connected to the network license server.

Remote Management Daemon (Server) x64

In order to borrow licenses, the HM Remote Management Daemon (Server) x64 must be running on the license server computer. Normally, the CLM Tools installer will install this service to be started manually instead of automatically. You will need to start this service if you have not already done so.

 HM Remote Management Daemon (Server) x64 -	CLM Remote...		Manual
 HM Remote Management Daemon (Server) x86 -	CLM Remote...		Manual
 HM Remote Management Daemon x64	CLM Remote...		Manual
 HM Remote Management Daemon x86	CLM Remote...		Manual
 Human Interface Device Service	Activates an...	Running	Manual (Trige
 HV Host Service	Provides an i...		Manual (Trige

Missing Service?

If you cannot see this service in your list of services, download the latest version of the CLM Tools 1.7 #16

64-bit CLM Tools Required!

Since the network license server will be running the 64-bit version of the Remote Management Daemon, you will also need to use the 64-bit version of CLM Admin on the computer where you wish to use the borrowed license. It is OK to have both the 32-bit and 64-bit versions of CLM Admin running on the same computer.

Step-by-step guide

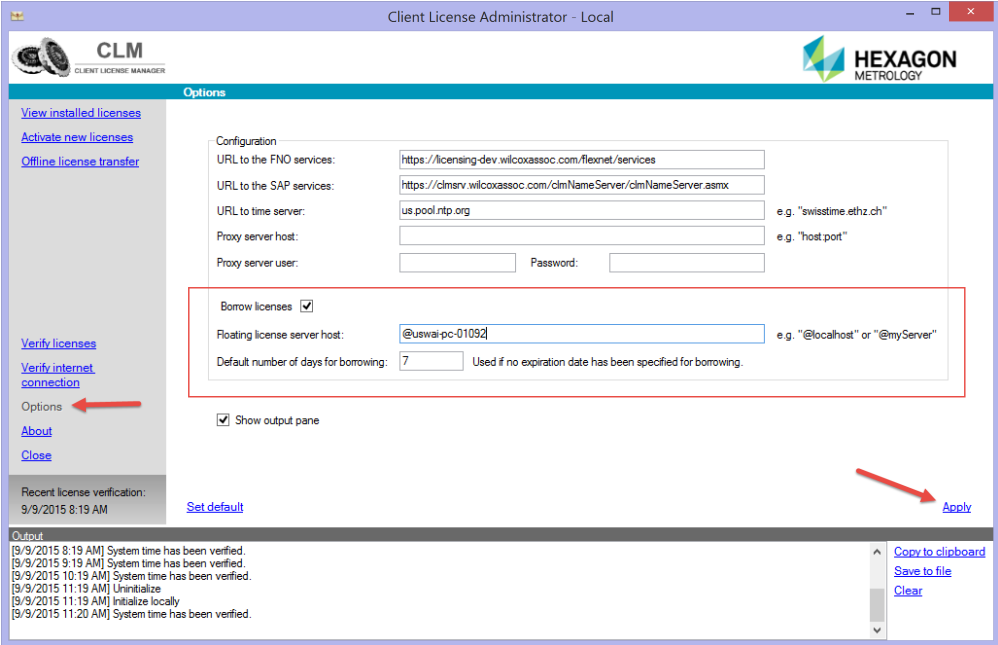
1. Launch the 64-bit version of CLM Admin.

To verify that you are running the 64-bit version of CLM Admin, go to the "About" option on the left-hand side. The "Build" field should show:

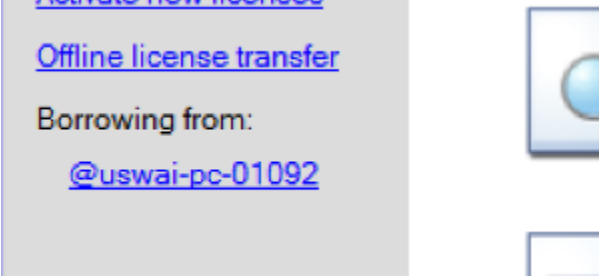
Version:	1.7.12.0
Build:	Release x64 for Node Locked Licenses
Date:	29/06/2018

2. Click on the "Options" link on the left-hand side. Check the "Borrow licenses" checkbox, and fill in the name of the network license server and the default number of days for borrowing.

Default number of days for borrowing
 Note that if the network license is an expiring license, the default number of days for borrowing must be less than the number of days left in the expiring license. For example, if the network license will expire in 14 days, the value entered here must be 14 or less.



3. After you click the "Apply" button, you will see new text appear on the left-hand side which says "Borrowing from:", with the name of the server beneath it.



4. Click on the server name. In the center of the window, you will see a list of entitlements, with the products that belong to the entitlements.

[Check all](#) [Uncheck all](#) [Collapse all](#) [Expand all](#)
Views: Entitlements [Features](#) [Hierarchy](#)

<input type="checkbox"/>	Entitlement ID: 99999- XXXXXXXXXX	
<input type="checkbox"/>	Product: ASRVR (Test Borrowing)	Description: -
	Feature name: ASRVR_Option.Core	Version: 2015.09

5. Check the checkbox next to the entitlement that you want to borrow. Then click on the Borrow link. CLM Admin may take some time to complete the action. When the action completes, CLM Admin will display a summary of the license that was borrowed.

[Collapse all](#) [Expand all](#)
Views: Entitlements [Features](#) [Hierarchy](#)

▶ Entitlement ID: 99999-XXXXXXXXXX

[Back to Borrow fulfillments from @uswai-pc-01092](#)
[Reset TS](#)

6. Click on "View installed licenses" to see a list of entitlements that are activated on your local computer. Note that the entitlement that you just borrowed now shows as though it were a locally activated (node-locked) license.

[Check all](#) [Uncheck all](#) [Collapse all](#) [Expand all](#)
Views: Entitlements [Features](#) [Hierarchy](#)

<input type="checkbox"/>	▶ Entitlement ID: 99999- XXXXXXXXXX	
<input type="checkbox"/>	▶ Entitlement ID: 99999- XXXXXXXXXX	
<input type="checkbox"/>	▶ Entitlement ID: 99999- XXXXXXXXXX	
<input type="checkbox"/>	Product: ASRVR (Test Borrowing)	Description: -
	Feature name: ASRVR_Option.Core	Version: 2015.09

[Return licenses \(rehost\)](#) [Return borrowed licenses](#) [Check for updates](#) [Check for upgrades](#) [Save as](#)

At this point, you can disconnect the computer from the network and use the software and license offline. The borrowed license will automatically expire if it is not returned to the license server manually.

Related articles

- [How to borrow a network license using CLM Admin](#)
- [Allowing clients to access a network license through a firewall](#)

- How to use an options file to control network license features
- How can I configure a license server's feature timeout setting?
- How to set up a Network License