



Commuter License Guide

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Introduction

One of the most useful advantages of the SentinelLM license management system is that it provides commuter licensing, which allows you to temporarily use a protected application on a portable computer that is not connected to the network.

The most common use of commuter licensing is when you need to travel on business and want to take along the protected application. You can check out an authorization to use the application for the duration of the trip, and then check the authorization back in on returning.

To check out an authorization, the portable computer (for example, a laptop) on which the application will be used must be attached to the network and have access to a license server containing the license for that application. The application must also be installed on that laptop. After checking out an authorization, you may disconnect the laptop from the network.

When checking out an authorization, you may request authorization for a specific number of days (the default is 180). Since the authorization expires after that many days, you may choose not to bother checking the authorization in after returning. On the other hand, if you are in danger of running out of license tokens for that application, you may want to check authorizations back in as soon as possible.

Also, note that you must check an authorization back into the same license server from which the authorization was checked out.

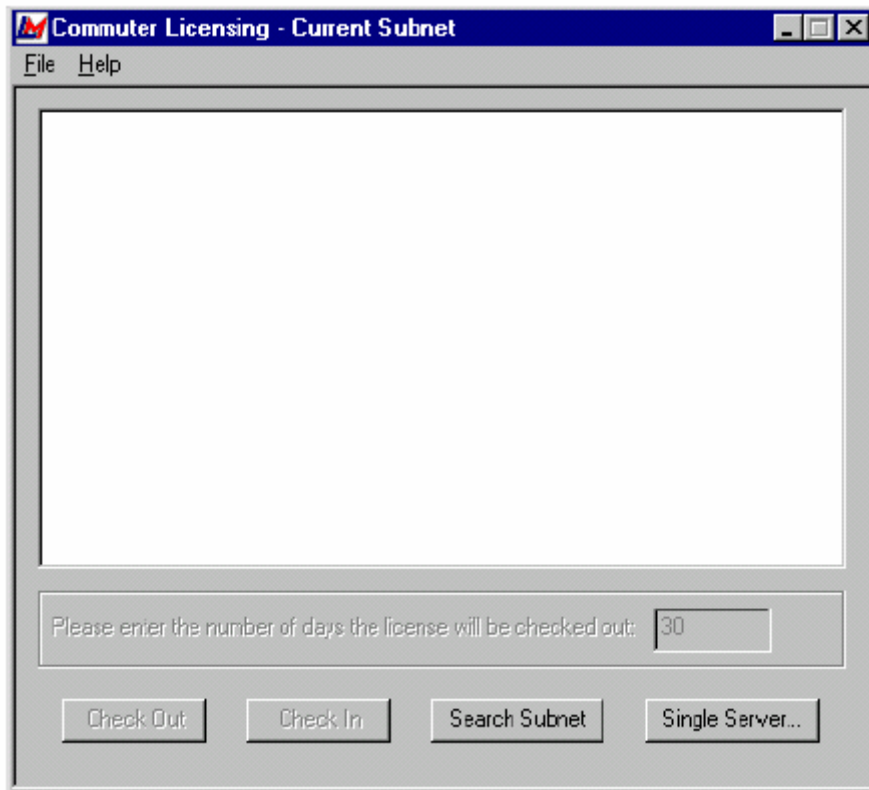
If you need to check out a license to a remote computer that cannot be connected to the network, please refer to the Remote Commuter License Guide.

Steps to Check Out and In an Authorization

1. Make sure that the portable computer has the PCA application installed and ready to use.
2. Make sure that the portable computer is connected to the network and has access to the appropriate license server.
3. On the portable computer, download the zipped package from our website below and save it to a temporary folder, such as C:\TEMP. The same package can be found in the License Server folder on CD.

<http://www.pcaStructurePoint.com/ftparea/WCommute.zip>

4. On the portable computer, open Windows Explorer and go to the temporary folder (or the License Server folder on CD), and then double click on the zipped package. The zipped package will be opened in WinZip[®]. Extract the two files from the zipped package and save them into another temporary folder, such as C:\Commute. WinZip[®] must be installed on the portable computer in order to open the zipped package properly.
5. In Windows Explorer, navigate to the **wcommute.exe** file and double click it to run it. The main Wcommute will display.

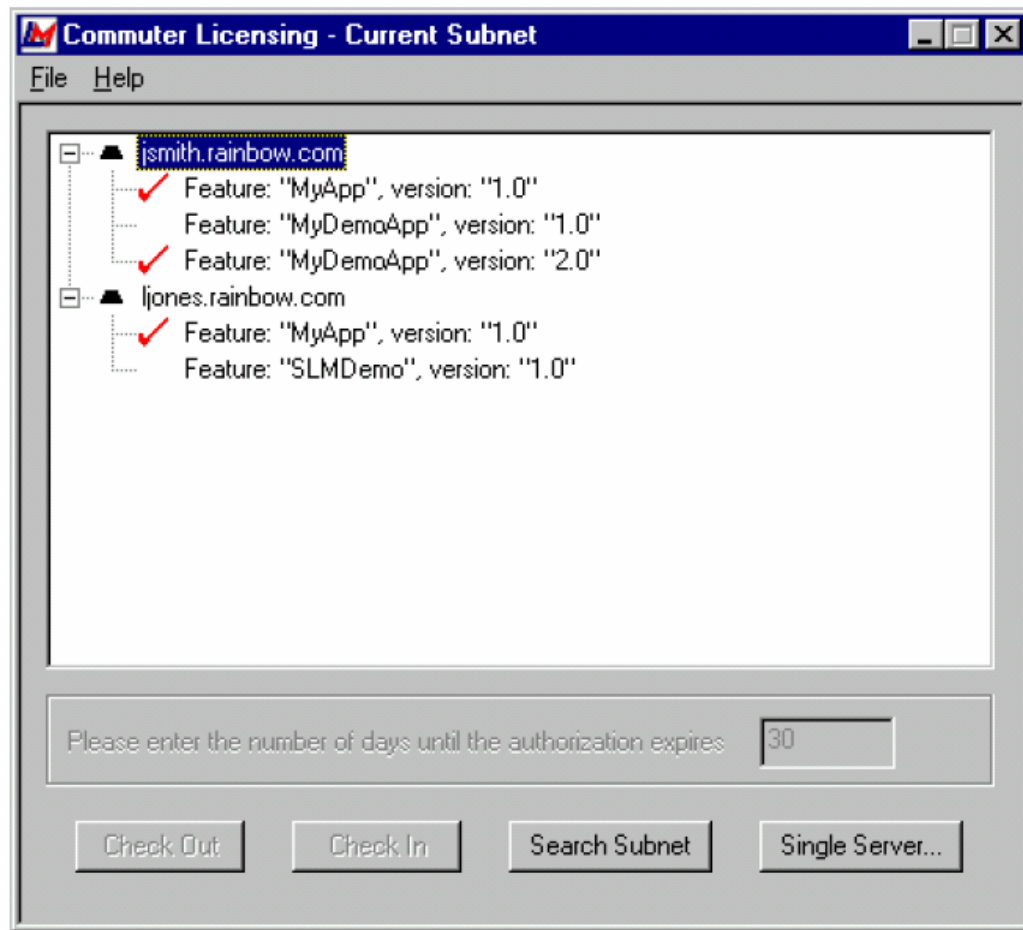


6. To find an authorization for the commuter license you want to use, click **Search Subnet** button to see commuter licenses available on all license servers on your part of the network within the given subnet. Or, if there is a specific license server you want to search or want to select a license server outside of your subnet, click **Single Server** button.

If you click **Search Subnet** button, you may need to wait a minute or two while Wcommute searches the subnet for license servers.

If you click **Single Server** button, a dialog box displays asking you to enter the name of the license server you want to contact. Enter the license server computer's host name, IP address or IPX address and click **OK**.

7. After selecting the license servers for which you want to see commuter licenses, the Wcommute display changes to look something like this:



For each license server, you see a list of commuter licenses for which you can check out an authorization. If you see a red check mark next to a commuter license, it means that an authorization has already been checked out to your portable computer. You may not check out an authorization if it is already checked out.

8. To check out an authorization, click once on a license to select it. The **Please enter the number of days until the authorization expires** text box becomes active. Type a number from one to 180 to select the number of days the authorization will be checked out. By checking out an authorization to use the application, you decrease the number of available uses of the application for other network users, so specify the minimum number of days that you need.
9. Next click **Check Out** button. Remember the name of the license server from which you obtained the authorization. You will need to check the authorization back into the same license server later.

10. To check in an authorization, look for the license under the license server from which you checked it out. Click once on it in the display to select it. (There should be a red check mark next to it, indicating that you have it checked out.) Click **Check In**.

Note: You must check the authorization back into the same license server from which you checked it out.

11. To exit Wcommute, go to the **File** menu and select **Exit**.

Troubleshooting

Problem 1

My portable computer cannot be connected to the network, what should I do?

Solution:

Please refer to the Remote Commuter License Guide.

Problem 2

After the **Search Subnet** button is pressed, no license server is displayed in the list.

Solution:

1. Make sure the portable computer is connected to the network.
2. Make sure the portable computer is in the same subnet as the license server.
3. If the portable computer is not in the same subnet as the license server, click the Single Server button, and then enter host name, IP address or IPX address of the license server you want to contact.

Problem 3

After the Search Subnet button is pressed, no PCA application is listed under the server name.

Solution:

This probably means that the license is not commute enabled. Please contact us.

Problem 4

After Check Out button is pressed, the following error appears.

SentinelLM: Error[18]: No license code is available for feature "product name and version" on host "license server name".

Solution:

Error #18 is because you are running Wcommute.exe and Isapiw32.dll files that are issued by other software vendors. Wcommute.exe and Isapiw32.dll files are vendor specific. In other words, in order to check out a license of PCA software,

on your portable computer you must run Wcommute.exe and Isapiw32.dll that are issued by pcaStructurePoint.

These two files are available in the WCommute.zip file in the License Server folder on CD. Alternatively, they can be downloaded at our website below. Extract the two files from the zipped package into the same folder on the portable computer so that the correct DLL file will be used.

<http://www.pcaStructurePoint.com/ftparea/WCommute.zip>

Problem 5

After the Check Out button is pressed, the following error appears.

SentinelLM: Error[75]: Unable to issue a commuter license to client "product name and version".

Solution:

Error #75 has been resolved in SentinelLM 7.2.0.23. If your license server is running an earlier version, download the version 7.2.0.23 from our website below. If your license server is already running version 7.2.0.23 or higher, please contact us.

http://www.pcaStructurePoint.com/ftparea/License_Server.exe

Problem 6

When I try to commute a second license I get error 79, why?

Solution:

Error 79 means that the client has already checked out a license. If you get this when trying to check out a license from a different client, it is typically because the machines on the network are cloned, and all have the same hard drive image. LM defaults to a disk ID locking for commuting. Since all machines have the same disk ID, you will need to either add a commute.dat file configured to lock to something else in addition to or rather than, or, you will need to change the volume serial labels on all of the cloned machines.