MLicAdmin Usage

GUIDE

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1. MLicAdmin Usage

The *MLicServer*'s graphical user interface tool to administrate the licenses is *MLicAdmin*. *MLicAdmin* will display a windows with a main toolbar and three sections with information about *Server info*, *Sessions* and *Licenses*.
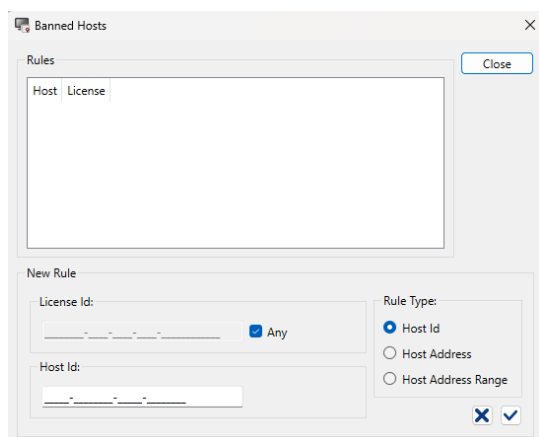

1.1. Main Toolbar

The main toolbar contains all the buttons to manage common aspects of the license server:
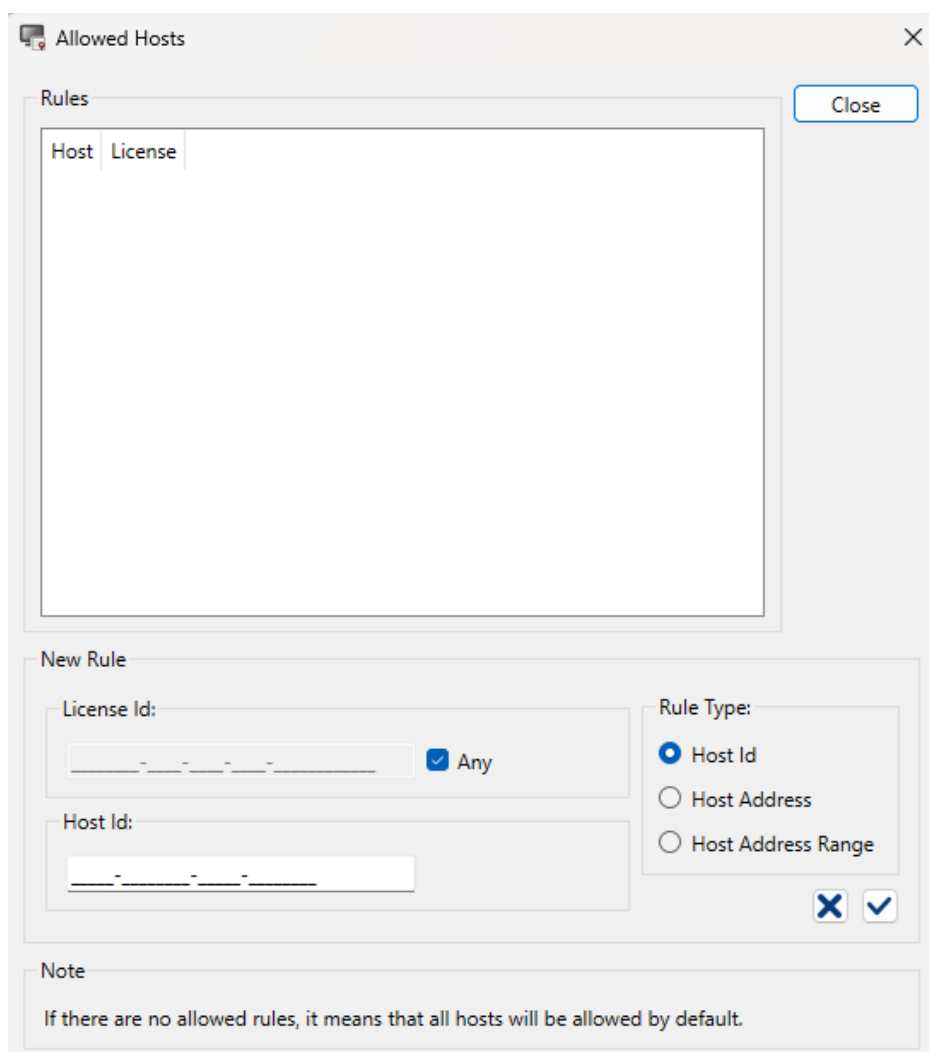

1.1.1. Ban users

The first button will be used to *Edit banned host rules*. The administrator will be able to remove the rights to run the software from any user by banning his *host ID*, host IPv4 address or IPv4 addresses range. Indeed, the administrator can ban users from running any specific plugin just by typing the applicable *License ID* in the corresponding edit box:

1.1.2. Grant users

The Edit allowed host rules button, , will let the administrator to allow only some specific users to run get licenses specifying, like in the banning case, either the user's host ID, or the user's host IPv4 address or even a range of IPv4 adresses.
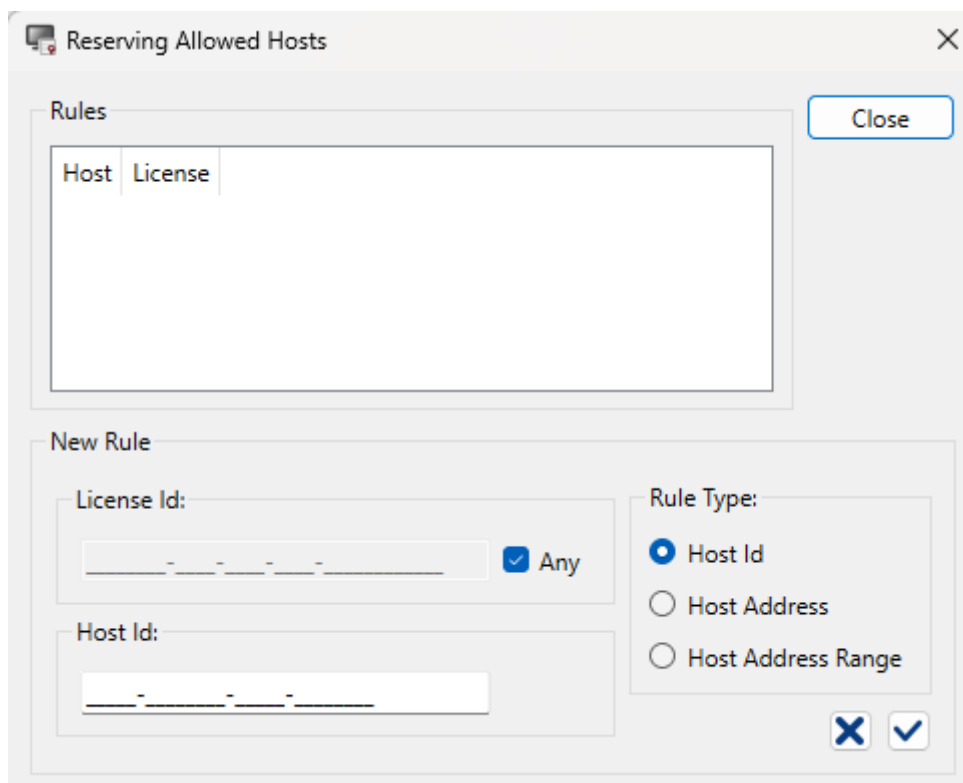
NOTE: The license server has two lists, a black list and white list. The banned hosts will go to the black list and this list will be checked first, in a request matches some entry in the list, it will be rejected (banned). Next the white list will be checked, if the white list is empty, all host are allowed to get licenses, but if it contains entries, the incoming request must match an entry into that list to get a license, if not it will be rejected anyway. The white list entries are introduced with the Edit allowed host rules button.

1.1.3. Reserving concurrent license seats

The Edit reserving host rules button, , will give to any host priority in the use of a concurrent license. The administrator can specify here which users are allowed to reserve a license seat. The reserved licenses will block that license and won't be used by any other until released.
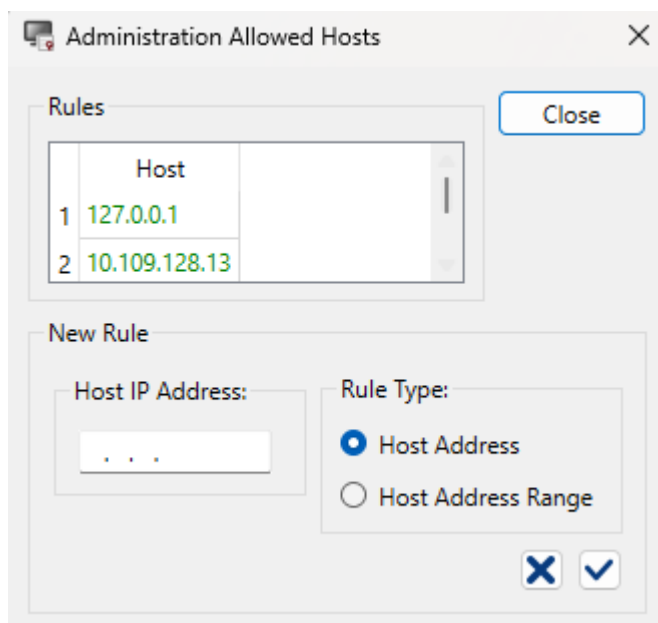

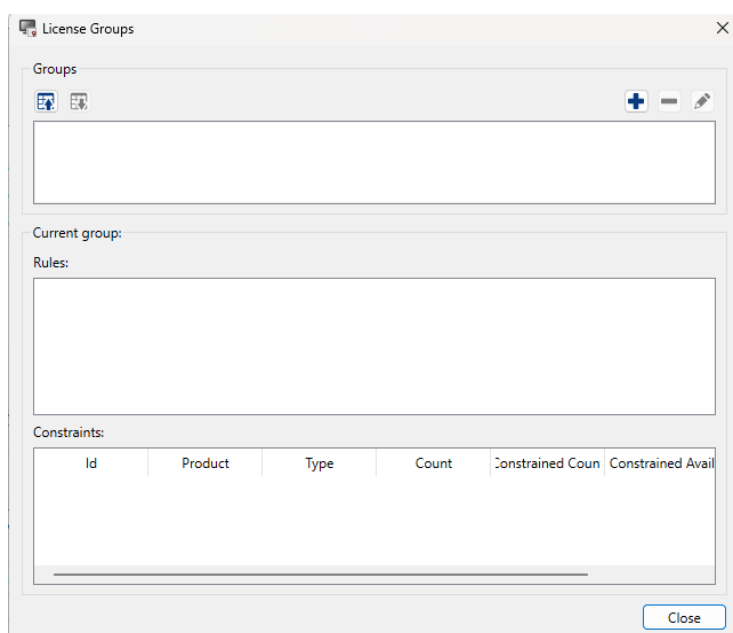### 1.1.4. Allow MLicAdmin usage from other machines

The 'Managing allowed hosts rules' button will let the administrator to specify which hosts can use MLicAdmin to manage this server.

NOTE: Be aware that since MlicServer version 2.2.0, by default, only allows to run MLicAdmin from 'localhost'. If you need to use MLicAdmin from any other machine than the local machine —where the server is running— then you must allow it using this button. The first time you must run MLicAdmin in the same computer where the server is running and the server name must be either localhost or the IPv4 address 127.0.0.1.
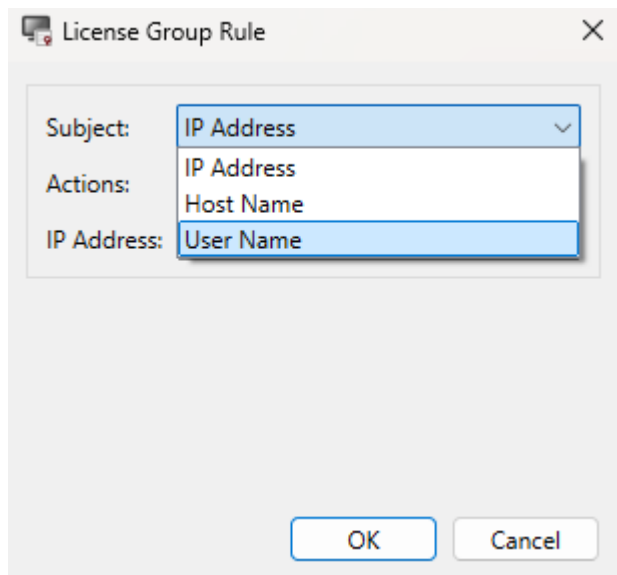
1.1.5. Grouping licenses

This button, , will be used to Manage group licenses to distribute license usage among groups by assigning a number of license seats to each group. For example, imagine you have a site license for 100 users but you want to assign 30 seats to one group of users and the remaining 70 to another one. With this feature you can create both groups and add constraints to each one (to determine which hosts/users belong to each group) and assign a number of licenses to each one.
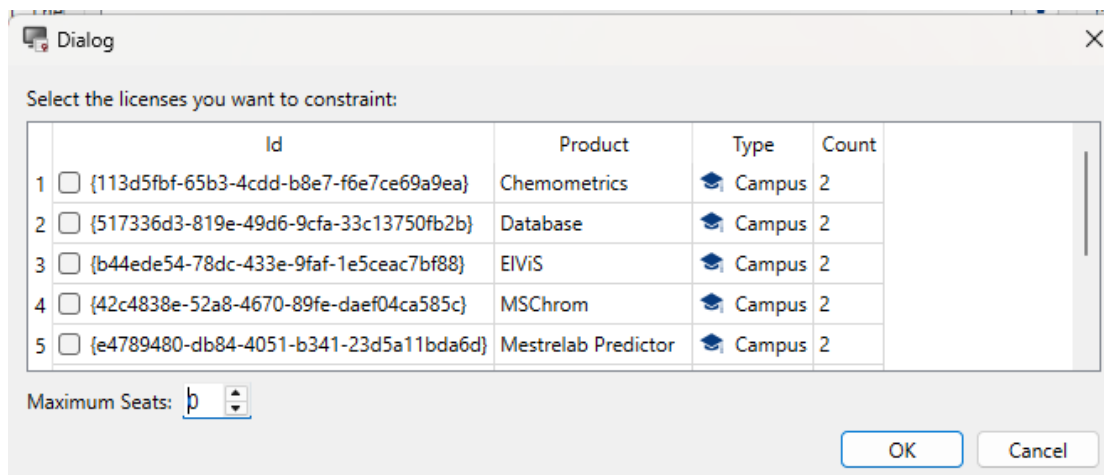
A group has a set of rules to determine who belongs to that group and a set of license constraints which applies to that group.

The group rules allow you to filter by: IPv4 address, Host name, User name

And the constraints allows you to specify a maximum number of license seats you want to assign to that group per each license

1.1.6. Settings

The Edit server settings button, , can be used to change the server you want to manage by setting it's IPv4 address or hostname, and to set the Update Interval, the number of seconds to wait to get the server information like sessions, licenses and statistics.
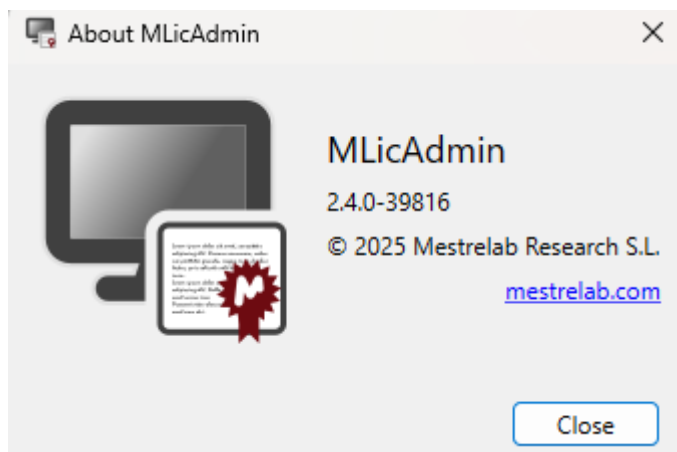
1.1.7. Update

The 'Refresh' button, , can be used to force the update the information shown on screen regardless of the Update Interval from the settings.

You can even stop the automatic refreshing just by clicking on this another button on the toolbar. You can toggle it to start or stop the automatic refreshing.
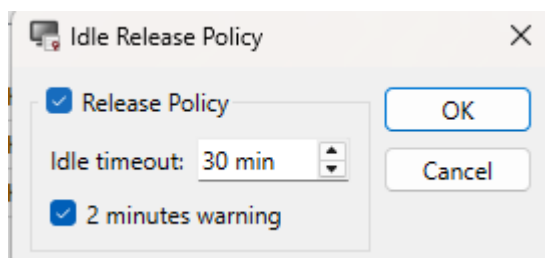
1.1.8. About

The last button, , will display information about MLicAdmin

1.1.9. Concurrent release policy

The Edit release policy button, , which is hidden by default1 will be used to select the maximum session timeout in the case of concurrent licenses.

If you check the box 2 minutes warning, users will get a warning message advising them that their session will be closed in 2 minutes. The session timeout is the idle period, i.e., period for which the software has not been used by a user who has secured a concurrent or floating license, after which that license will be released.

1 You can read more about this tool in the following tutorial How do you customize timeout in Concurrent Licenses?

1.2. Sessions

In this section, you will see information about the users which have already activated the product on their corresponding computers. You will get information about the license ID, when the license has been activated/updated the remaining valid days, host ID, host name, host address, user name, user ID, type of license and group name.

In addition, the section includes several buttons to perform actions on the selected session

1.2.1. Release

Releases the license session, for example from a former user or from a broken computer.

1.2.2. Ban

Bans the selected host ID to get either the current license or any license (you will be asked what do you want to ban).

1.2.3. Grant reserves

Grants the selected host ID to reserve a seat for the selected license.

1.2.4. CSV export

Exports to a CSV file the current sessions information.

1.3. Licenses

The Licenses section includes information about the Id of the license, the product (Mnova, NMRPredict Desktop, Mass, Verification, Database…), the total number of licenses activated so far (_Count_), the number of the available licenses (_Avail_), the license expiration date, the update & support expiration date and the modality of the license (campus or concurrent).

It also includes useful statistical information with an explanatory tooltip on the column headers such as:

- **Sessions Count**: Average number of session per hour and the total count in brackets
- **Sessions Duration**: The average session duration.
- **Fails Count**: Shows the average number of failures per hour due to lack of available licenses and the total count in brackets .
- **Usage**: Average license seats usage per day, month and year

You can also export this information to a text file just by clicking on the applicable button .