

Scope

OpenLM monitors license usage according to users and user groups. It can also be utilized to apply license usage constraints via Options file management.

This document discusses the different entity types that OpenLM relates to: Users, User groups, Host, Host groups and IPs.

It briefly explains their roles and methods of introduction into the OpenLM DB.

Users

There are four methods of introducing new users to the OpenLM database:

- Active license usage: when a user checks out a license
- Manually through the EasyAdmin web application.
- Synchronizing with a company's Active directory
- Options File Reading

Active users

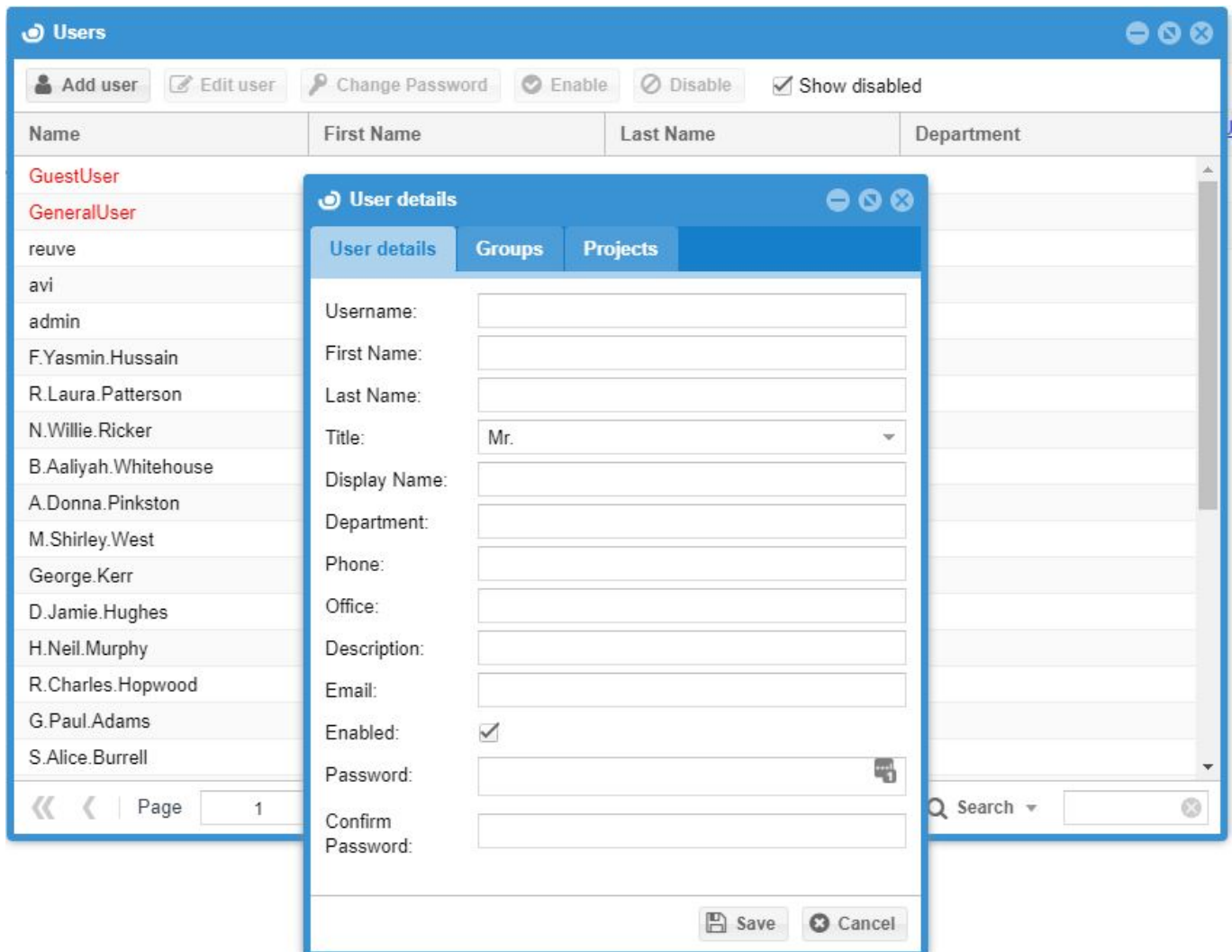
Once a user checks out a license for the first time, they automatically become an **Active User**. All information is recorded and stored and the System Administrator can gauge usage and ownership of software in the future.

Manually Introducing New Users

The manual method of adding users and groups is through the **EasyAdmin Users & Permissions** menu.

1. Open the OpenLM EasyAdmin web application.

2. Click Start → Users & Permissions → Users.
3. Click **Add User** and Insert the required data, Check **Enabled** , and then click **Save**.



Synchronizing Users with the Organization's Active Directory (LDAP)

To input users via synchronization, refer to the following Application notes:

[LDAP \(Active Directory\) Synchronization: Basic Guide](#) or

[LDAP \(Active Directory\) Synchronization: Comprehensive Guide](#)

Importing information from an Options file

FLEXlm (FlexNet publisher) Options files grant license administrators close control over various operating parameters within the constraints of the license model. Licensed features can be dedicated, denied or reserved to users or groups of users, as well as Hosts, IPs, and Host Groups according to the Options file setting.

Read more about it in this document:

[Options File management Using OpenLM EasyAdmin](#)

Groups

User groups may be introduced into the OpenLM DB by

- Manually adding a users group through the EasyAdmin web application.
- Synchronizing with a company's Active directory
- Options File Reading

Note:

Users may be members of several groups. Each user is assigned a default user group.

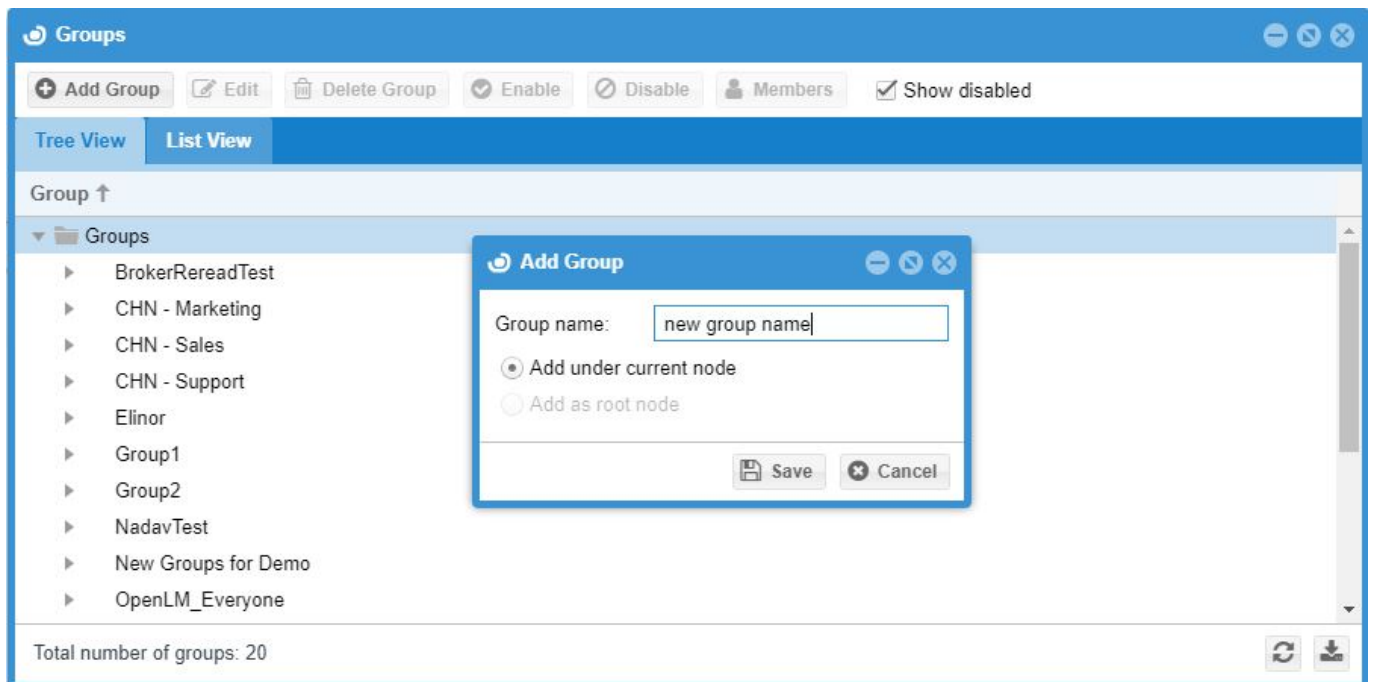
In OpenLM Version 2.0, The entire usage time of a specific user is attributed to the user's default group.

Users who are only members of a single group - that group will be regarded as their default group.

Manually introducing new User Groups

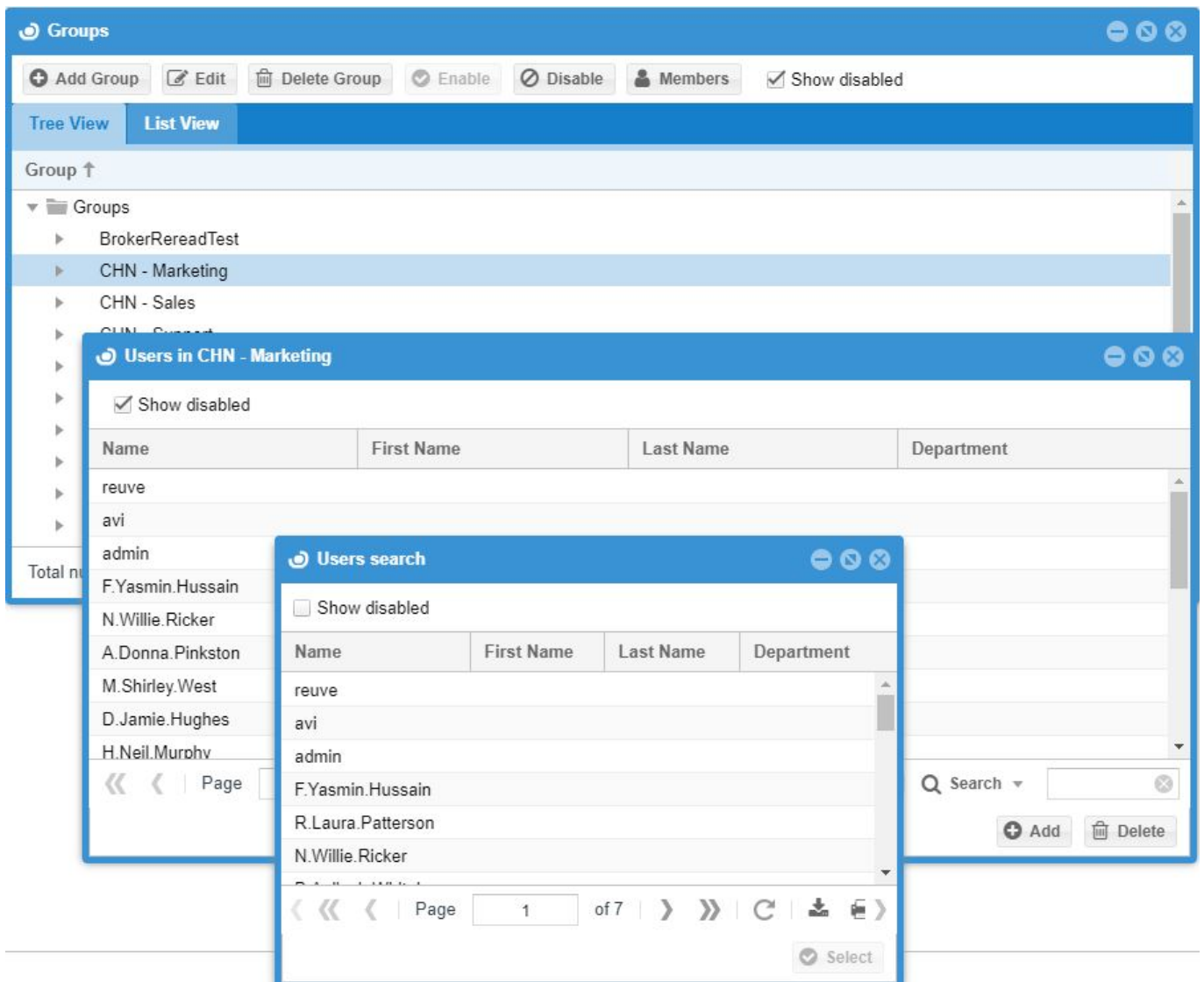
1. Open the OpenLM EasyAdmin web application.
2. Click Start → Users & Permissions → Groups

3. Click **Add Group** and Insert the required data, Insert information for the **Group Name**, and click **OK**.



4. From the **Groups** window, highlight the newly created group(a) (e.g.: my_group), and click the **Members** icon (b) to add new members to the group. The **Users in my_group** window (c) opens.

5. The **Users search** window will open. Select users from the **Users search** window and click **Add** (d) to **Users in my_group**. Repeat this step as often as necessary.



Introducing groups via Active directory synchronization

This issue is also discussed in this document:

[LDAP \(Active Directory\) Synchronization: Comprehensive Guide](#)

Note that it is possible to set a user's default group via the LDAP synchronization configuration interface.

Options file reading

It is also possible to import groups and Group members via Options file reading, as already discussed above, and in this application note:

[Options File management Using OpenLM EasyAdmin](#)

Applying Options files restrictions to IP ranges

Controlling the license usage of specific computers is made possible by applying constraints to IP addresses. It is also possible to control the license usage of an IP range of computers.

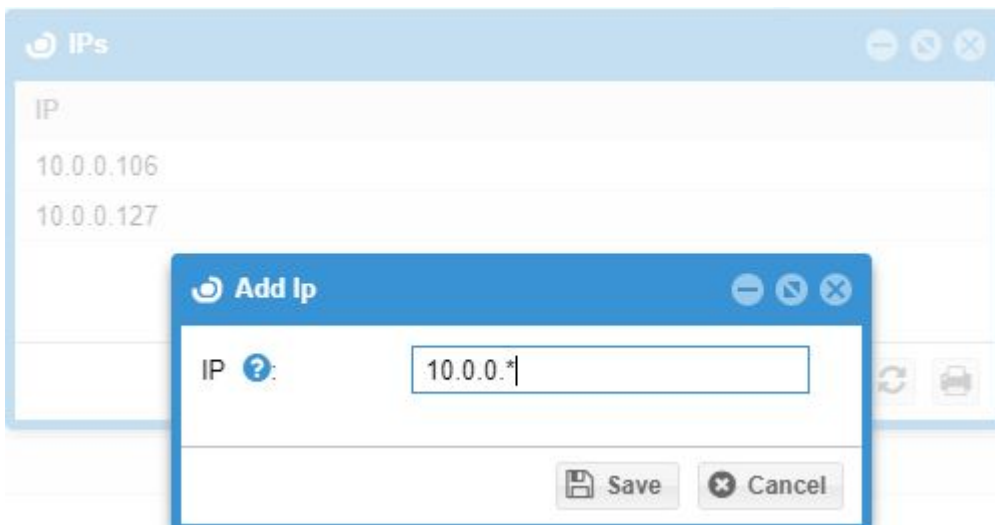
For example, typing in the IP: 123.123.123.* applies Options File configurations window to be implemented on all user IPs in the range of 123.123.123.0 through 123.123.123.255.

ADDING A SPECIFIC IP:

1. Open the EasyAdmin web application.
2. ClickStart → Option Files → IPs
3. Click the **Add** button, the **Add IP** window will open.
4. In the text box enter the IP address you want to add.

ADD A RANGE OF IPs

1. On the EasyAdmin web application window.
2. Click Start→ Option Files → IPs
3. Click the **Add** button, the **Add IP** window will open.
4. In the text box enter the IP range you want to add (as explained the paragraph above).



Applying Options files restrictions to Hosts and Host groups

Hosts may be introduced into the OpenLM DB by Options file reading & LDAP synchronization

Host groups may be introduced by Options file reading, LDAP synchronization and manually into the the Options file editor (see below)

ABOUT HOST GROUPS

Custom groups of virtual machine hosts may also be created, for grouping of hosts and their virtual machines in meaningful ways. For example, you may create a host group for every branch office in your organization. You can also use host groups to set aside resources on hosts in the host group for the use of the host operating system.

1. Open the EasyAdmin web application.
2. Click Start → Option Files → Host Groups. The Host Groups window opens.
3. Click the 'Add' button, and add a Host group (e.g.: my_host_group1).
4. Select the newly added group, and click the "Members' icon. The Members of my_host_group1 window opens (see image).

The screenshot shows the 'Groups' management interface. The main window has a toolbar with buttons for '+ Add Group', 'Edit', 'Delete Group', 'Enable', 'Disable', 'Members', and 'Show disabled'. Below the toolbar are tabs for 'Tree View' and 'List View'. The 'Tree View' shows a hierarchy of groups: 'Groups' (expanded) containing 'BrokerRereadTest', 'CHN - Marketing', 'CHN - Sales' (selected), and 'CHN - Support'. A modal window titled 'Users in CHN - Sales' is open, showing a table of users. The table has columns for 'Name', 'First Name', 'Last Name', and 'Department'. The users listed are: O. Carolyn. Edwards, E. Rachel. Simcha, P. Johnnie. Chaves, L. Gale. Haddock, G. Donald. Powers, A. Brooke. Young, and M. Makayla. Symonds. The modal also includes a 'Show disabled' checkbox, a pagination bar (Page 1 of 1), and 'Add' and 'Delete' buttons.

Name	First Name	Last Name	Department
O. Carolyn. Edwards	Carolyn	Edwards	
E. Rachel. Simcha	Rachel	Simcha	
P. Johnnie. Chaves	Johnnie	Chaves	
L. Gale. Haddock	Gale	Haddock	
G. Donald. Powers	Donald	Powers	
A. Brooke. Young	Brooke	Young	
M. Makayla. Symonds	Makayla	Symonds	

5. Select the computers that are required for grouping, and click 'Select'. The new Host group is ready for use.