



&



Adobe Connect

# LTI Integration

**User Guide (Version 1.3.1)**



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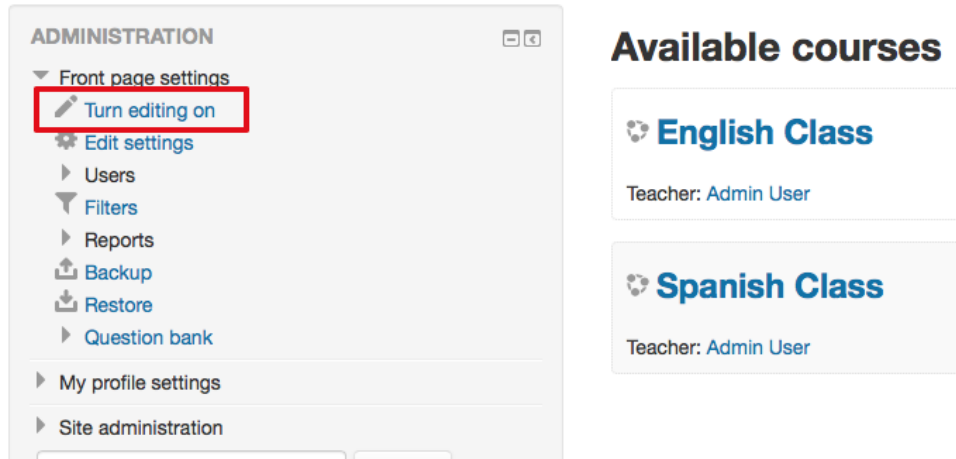
User Guide  
Version 1.3.1

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# Course Administrator Guide

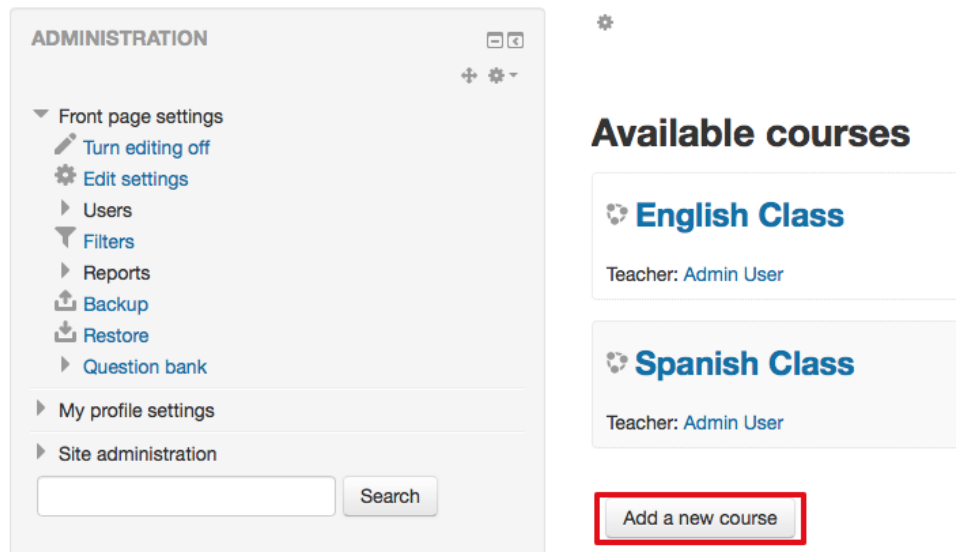
## Add the Adobe Connect LTI Link to the Course

On the Home screen click on the **Turn editing on** link.



The screenshot shows the Moodle Administration sidebar on the left and the 'Available courses' section on the right. In the sidebar, under 'Front page settings', the 'Turn editing on' link is highlighted with a red rectangle. The 'Available courses' section on the right lists two courses: 'English Class' and 'Spanish Class', both with 'Teacher: Admin User'.

Click on the **Add a new course** button.



The screenshot shows the Moodle Administration sidebar on the left and the 'Available courses' section on the right. In the sidebar, under 'Front page settings', the 'Turn editing off' link is highlighted with a red rectangle. The 'Available courses' section on the right lists two courses: 'English Class' and 'Spanish Class', both with 'Teacher: Admin User'. At the bottom of the 'Available courses' section, the 'Add a new course' button is highlighted with a red rectangle.

Populate the following form and click on the **Save changes** button to finish the process.

▼ General

Course full name\* ?

Course short name\* ?

Course category ?

Miscellaneous

Visible ?

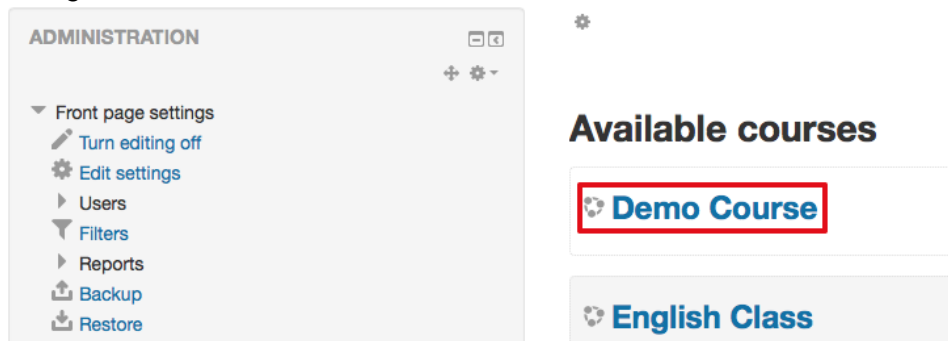
Show

Course start date ?

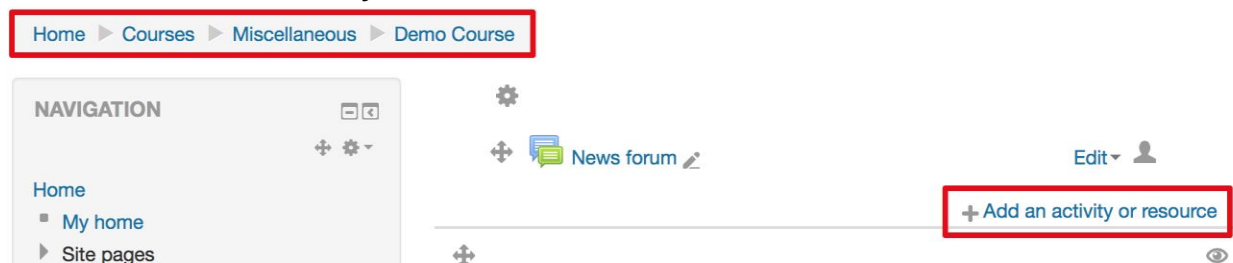
21 November 2014

Course ID number ?

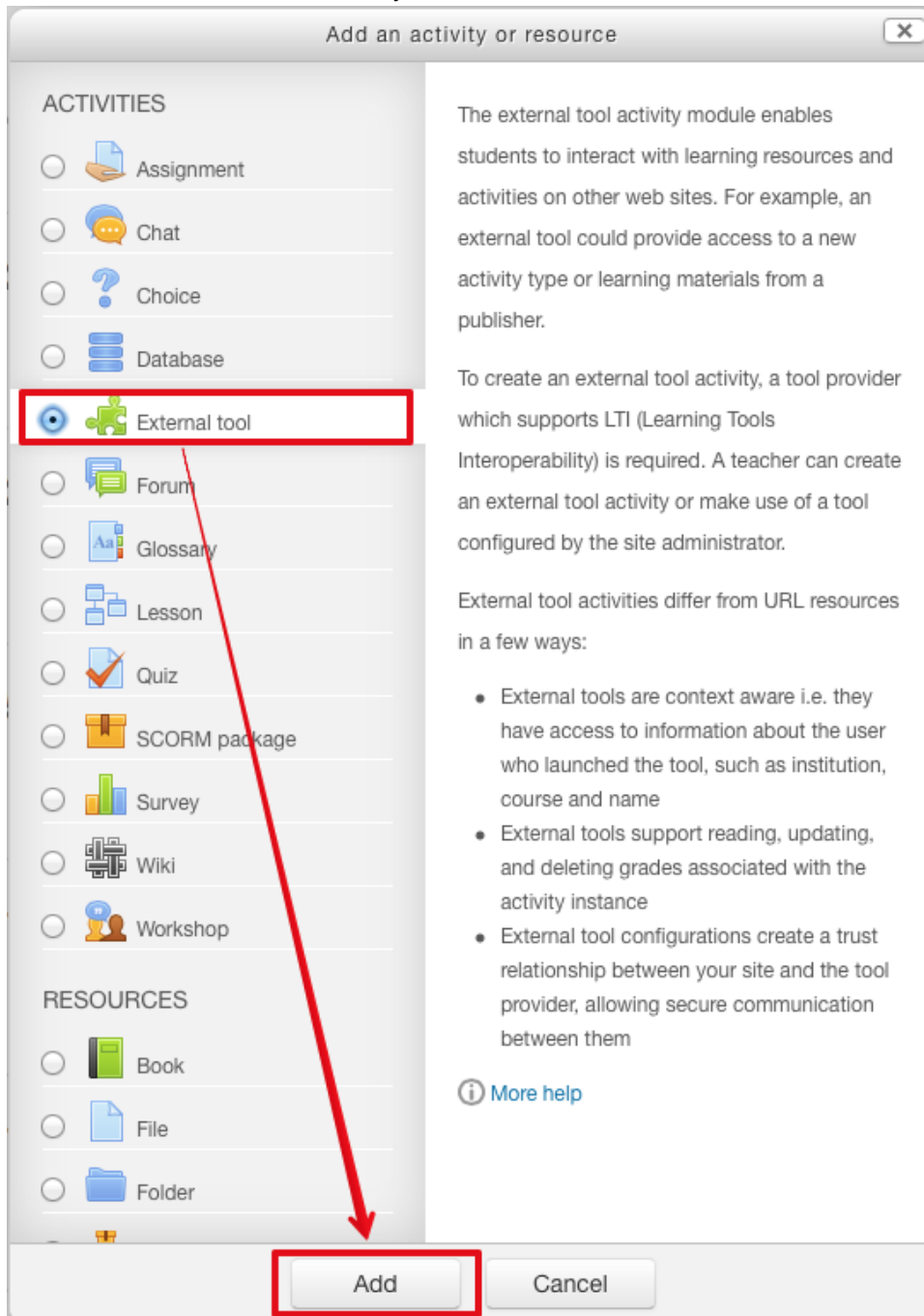
Navigate to the *Home* screen and select the course.



Click on the **Add an activity or resource** link



Select the **External tool** activity and click on the **Add** button.



Enter the **Activity name**, select the proper **External tool type** that was previously created and click on the **Save and return to course** button.

▼ General

---

Activity name\*

External tool type ? Adobe Connect LTI + ⚙ ×

Launch URL ?

Launch container ? Default ⬆

[Show more...](#)

► Privacy

---

► Grade

---

► Common module settings

---

Save and return to course

Save and display

Cancel

# Add or Reuse Existing Users to the Course to Add to Adobe Connect Meeting

## Add a New User to Your Moodle Account

In the **Administration** navigation on the left side, open the **Add a new user** page. The page is located at the following path: Administration -> Site administration -> Users -> Accounts -> Add a new user.

Populate the following form and click on the **Create user** button to finish the process.

Home > Site administration > Users > Accounts > Add a new user

Blocks editing off

Expand all

NAVIGATION

Home

- My home
- Site pages
- My profile
- My courses

ADMIN BOOKMARKS

Bookmark this page

ADMINISTRATION

My profile settings

Site administration

- Notifications
- Registration
- Advanced features

Users

General

Username\*

test user

Choose an authentication method

Manual accounts

Suspended account

☐

Generate password and notify user

☐

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s)

New password

☐ Unmask

Force password change

☐

First name\*

Surname\*

Email address\*

## Enroll Users to the Course

Navigate to the *Home* screen and select the course.

ADMINISTRATION

Front page settings

- Turn editing off
- Edit settings

Users

Filters

Reports

Backup

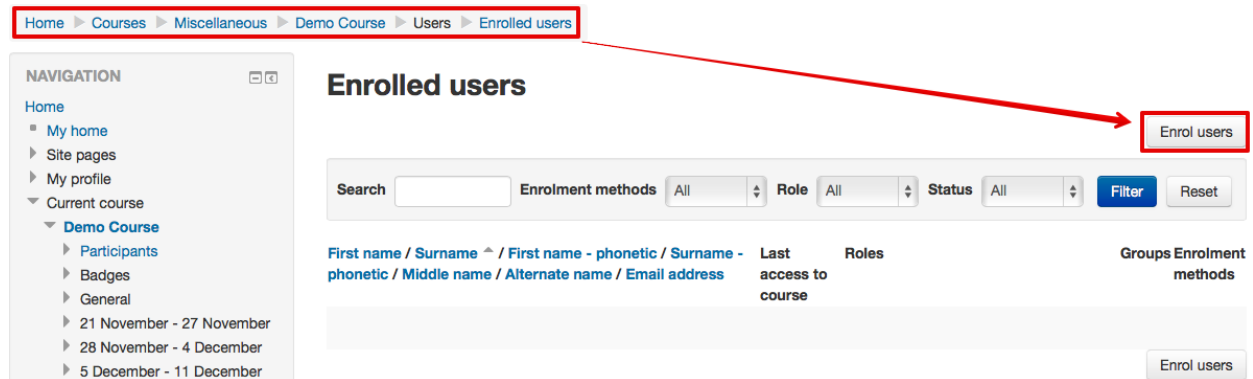
Restore

Available courses

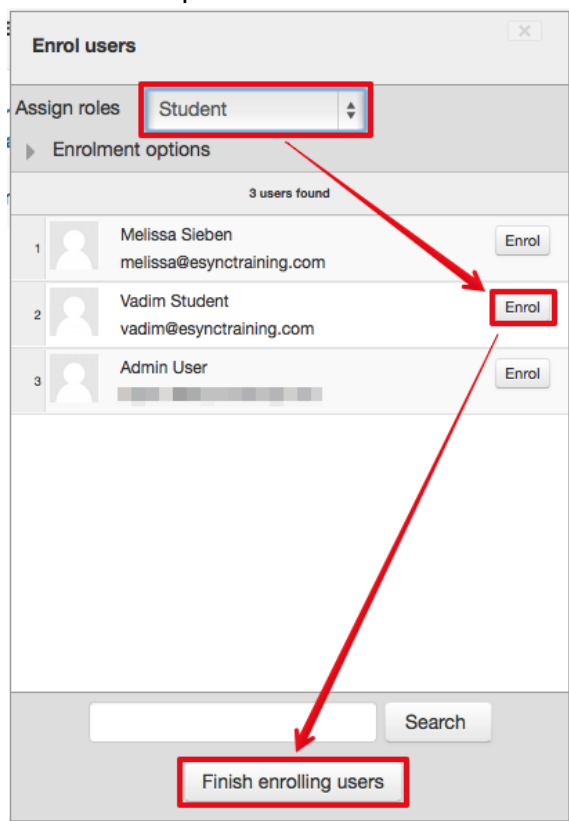
Demo Course

English Class

In the **Administration** navigation on the left side, open the **Enrolled users** page. The page is located at the following path: Administration -> Course administration -> Users -> Enrolled user. Click on the **Enrol users** button.



Select the required role and click on the **Enrol** button next to the required user..

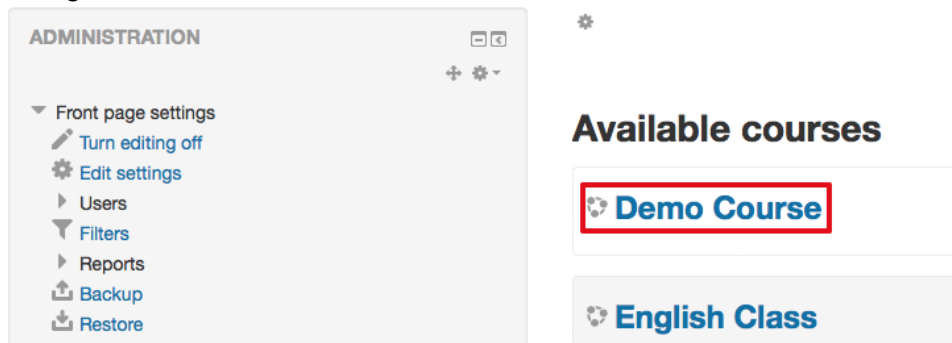


Click on the **Finish enrolling users** button to close the *Enrol users* window.

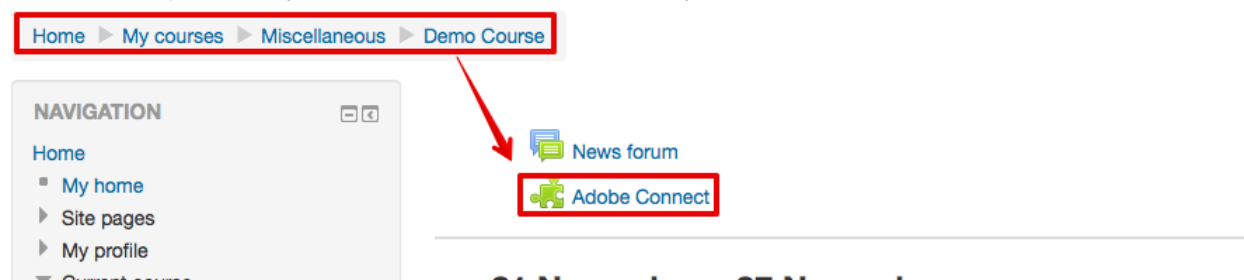


## Create a New Adobe Connect Meeting

Navigate to the *Home* screen and select the course.



Click on the previously added *Adobe Connect* activity.



Click on the **Add Meeting** button.

### Meetings List



Populate the following form and click on the **Next** button.

\*NOTE: **Optional** section is collapsed by default.

[Meetings List](#) > **Meeting Information**

Meeting Information

Participants

Settings

**Required**

Name:

Select Template:

**Optional**

Custom URL:

https://connect.esynctraining.com/

Summary:

Start Time:

01-21-2015

12:53 PM

Duration:

01:00

Access:

☐ Only registered users

☒ Registered users and accepted guests

☐ Anyone who has the URL for the meeting

Cancel

Save

Next

Map Moodle users to Adobe Connect roles. Select any user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu.

[Meetings List](#) > **Participants**

Meeting Information

Participants

Settings

Moodle Available Users (4)

Student (3)

Vadim Adashkevich

Melissa Sieben

Kelsea Tower

Teacher (1)

Mike Kollen

Adobe Connect Participants (4)

Host (1)

Mike Kollen

Participant (3)

Vadim Adashkevich

Melissa Sieben

Kelsea Tower

Sync Users

Add

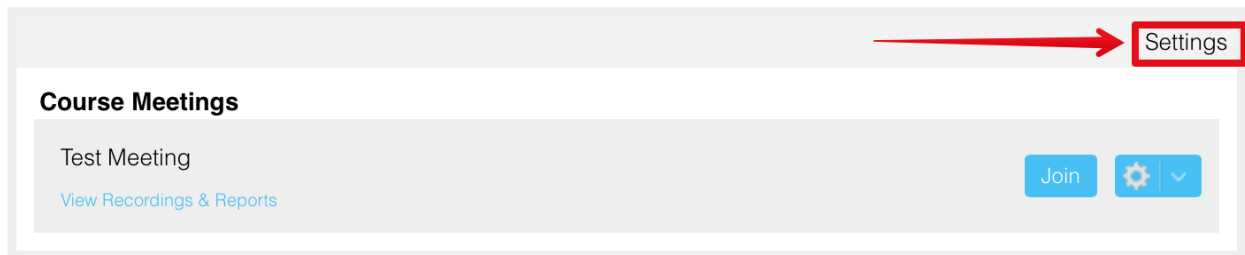
Set User Role

Remove

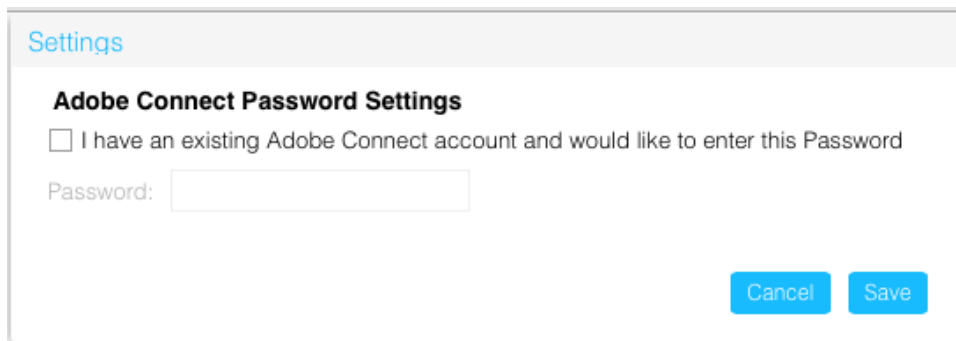
Click on the **Finish** button to complete the process.

Each Moodle user has a possibility to set Adobe Connect Password rule clicking on **Settings** link.

#### Meetings List



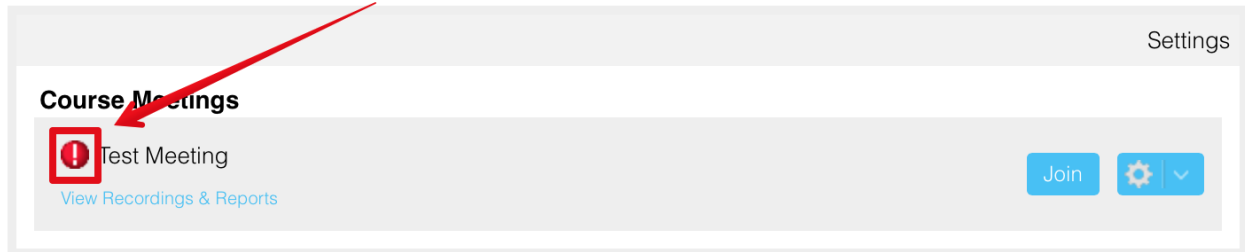
Mark the check-box confirming that you have an Adobe Connect account created using the same email as in Moodle, enter your Adobe Connect password and click Save button to use this account.

The image shows a 'Settings' dialog box with the title 'Settings' in blue. Below the title, the section 'Adobe Connect Password Settings' is displayed. It contains a checkbox with the text 'I have an existing Adobe Connect account and would like to enter this Password'. Below the checkbox is a text input field labeled 'Password:'. At the bottom right of the dialog, there are two buttons: 'Cancel' and 'Save'.

In case you don't have an Adobe Connect account and want to generate a random password every time you join Adobe Connect meeting click Save button and it will be done automatically.

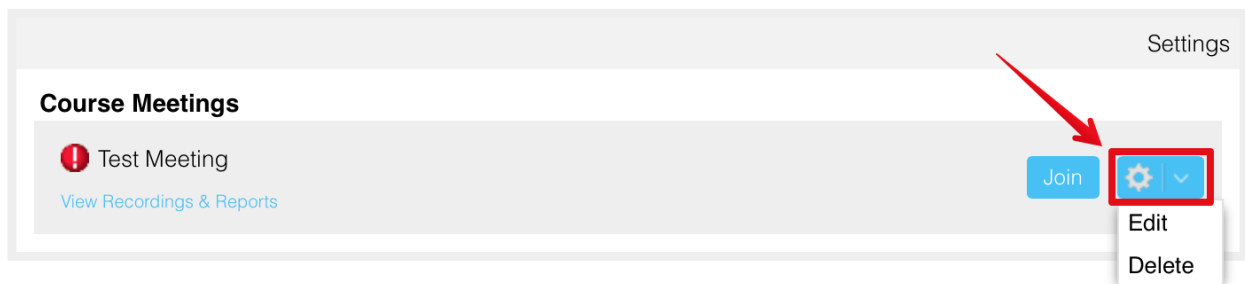
If a student adds late to the course, *Alert* icon will appear next to the meeting name in the **Meeting Information** tab.

#### Meetings List



Click on the *Gear* icon and select **Edit** from the dropdown list.

#### Meetings List



Navigate to the **Participants** tab and observe the **Moodle Available Users** list. New students should be marked with *Red Dot* icon.

Click on the **Sync Users** to add all new user to Adobe Connect meeting.

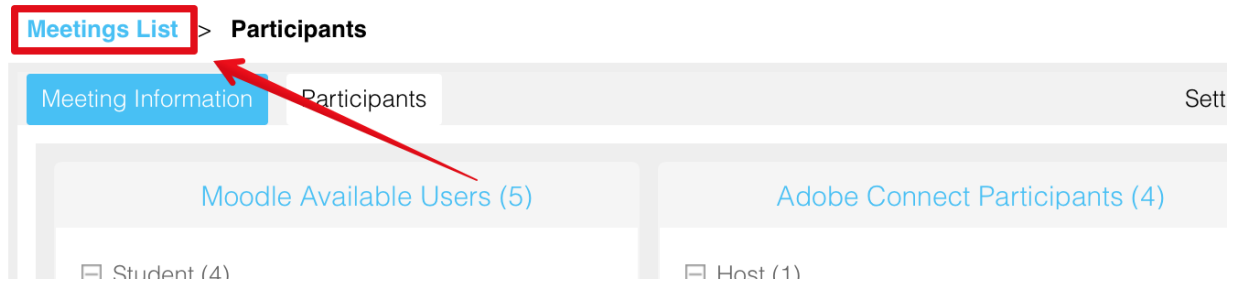
[Meetings List](#) > **Participants**

The screenshot shows the Adobe Connect interface with the 'Participants' tab selected. At the top, there are three tabs: 'Meeting Information' (highlighted in blue), 'Participants', and 'Settings'. The main content area is divided into two columns. The left column is titled 'Moodle Available Users (5)' and contains a list of users: 'Student (4)' (with a sub-list: Vadim Adashkevich, Paul Green, Melissa Sieben, Kelsea Tower) and 'Teacher (1)' (with a sub-list: Mike Kollen). The user 'Paul Green' has a red dot icon next to his name. The right column is titled 'Adobe Connect Participants (4)' and contains a list of users: 'Host (1)' (with a sub-list: Mike Kollen) and 'Participant (3)' (with a sub-list: Vadim Adashkevich, Melissa Sieben, Kelsea Tower). At the bottom of the interface, there is a row of buttons: a refresh icon, a 'Sync Users' button (highlighted with a red rectangle), an 'Add' button, a 'Set User Role' dropdown menu, and a 'Remove' button.

Select the user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu.

Refresh the Moodle Available Users list by clicking on the **Refresh** button.

To navigate back to the *Start screen* click on the **Meetings List** link.



## Create an Office Hours Meeting (Optional)

Click on the **Add Meeting** button in the *Office Hours* section.

### Meetings List

Settings

**Course Meetings**

Test Meeting

[View Recordings & Reports](#)

Join

⚙️

▼

**Office Hours**

Currently there are no meetings. Please add.

Add Meeting

**Study Groups**

Currently there are no meetings. Please add.

Add Meeting



Populate the following form and click on the **Save** button.

[Meetings List](#) > **Office Hours Information**

Office Hours Information

Settings

**Required**

Select Template:

**Optional**

Custom URL:

Summary:

Meeting Time:

Allow Guests ☐

Cancel

Save

\*NOTE: One common **Office Hours** meeting is created for all courses. When user creates Office Hours meeting in different course, it would be mapped to the same meeting, that was created before.

All students in the course will have access to the Office Hours meeting.

## Create a Study Group Meeting (Optional)

Click on the **Add Meeting** button in the *Study Group* section.

### Meetings List

Settings

**Course Meetings**

Test Meeting

[View Recordings & Reports](#)

Join

⚙️

▼

**Office Hours**

Mike Kollen's Office Hours (6pm-8pm)

[View Recordings & Reports](#)

Join

⚙️

▼

**Study Groups**

Currently there are no meetings. Please add.

Add Meeting

Add Moodle users manually to Adobe Connect roles. Select any user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu.

[Meetings List](#) > **Participants**

Study Group Information

Participants

Settings

Moodle Available Users (5)

Student (4)

Vadim Adashkevich

Paul Green

Melissa Sieben

Kelsea Tower

Teacher (1)

Mike Kollen

Adobe Connect Participants (1)

Host (1)

Mike Kollen

Sync Users

Add

Set User Role

Remove

Back

Finish

Click on the **Finish** button to complete the process.

Click on **Leave** button if you want to delete the invitation to someone's study group.

### Meetings List

Settings

**Course Meetings**

Test Meeting

[View Recordings & Reports](#)

Join

⚙️

▼

**Office Hours**

Mike Kollen's Office Hours (6pm-8pm)

[View Recordings & Reports](#)

Join

⚙️

▼

**Study Groups**

Test Study Group

[View Recordings & Reports](#)

Join

⚙️

▼

Student's Study Group

[View Recordings & Reports](#)

Join

Leave

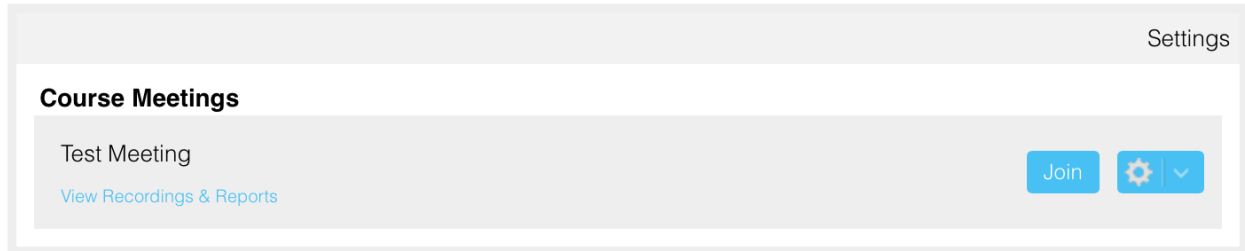
20

# Adobe Connect Recordings

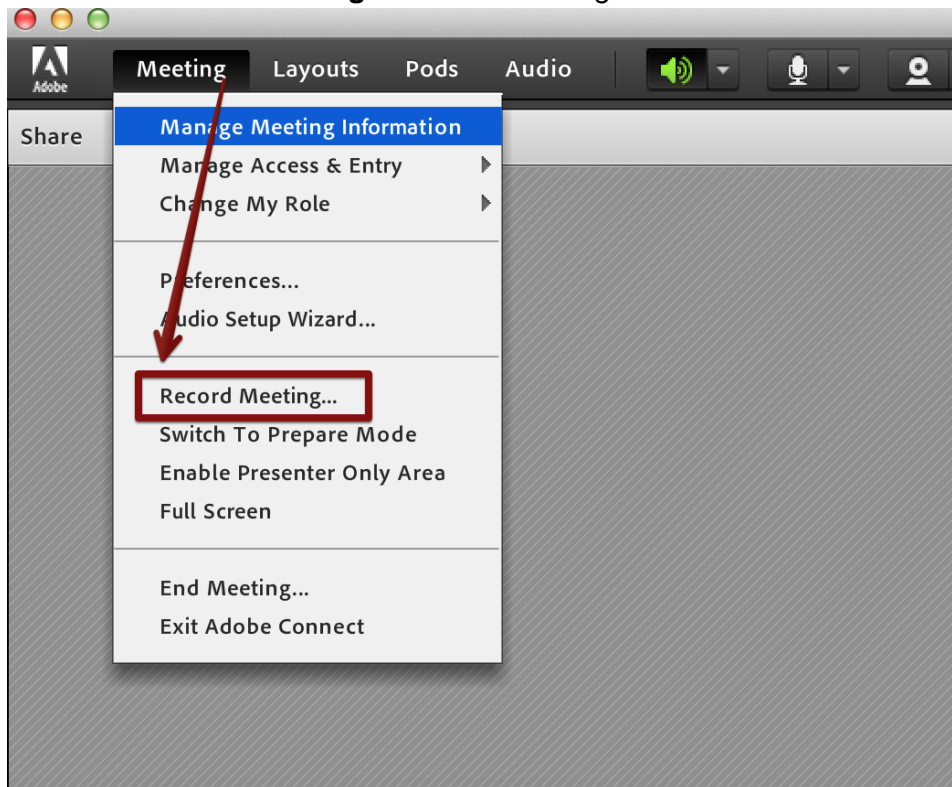
## Record the Meeting

Join the meeting.

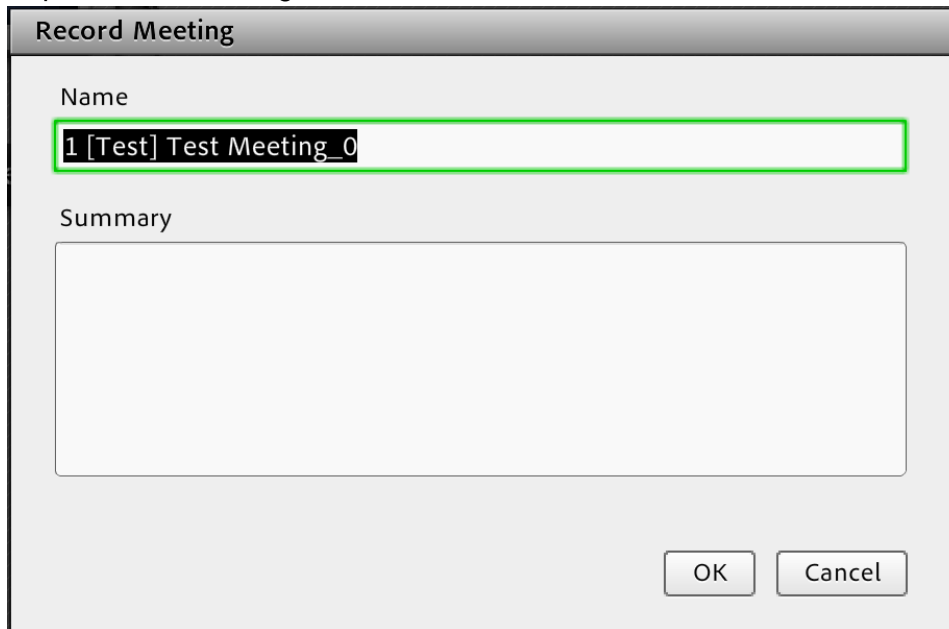
### Meetings List



Select the **Record Meeting** under the *Meeting* menu in the Adobe Connect room.

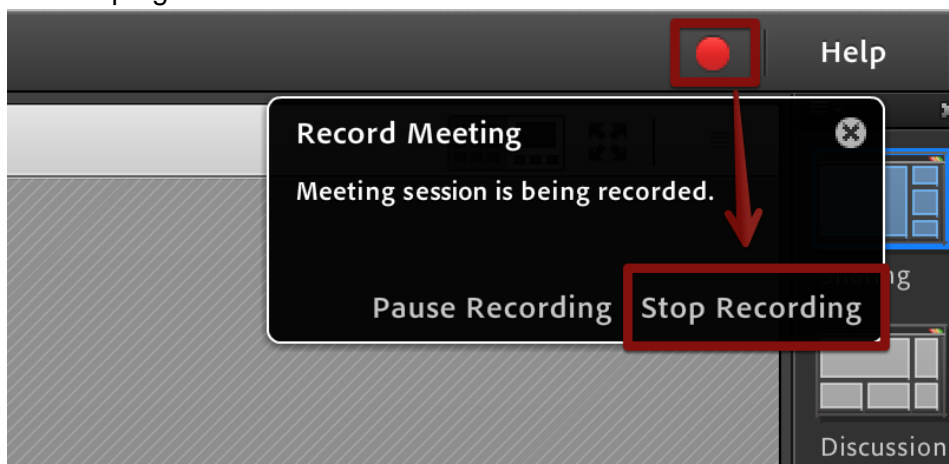


Populate the following form and click on the **OK** button to start the recording.



The image shows a 'Record Meeting' dialog box. It has a title bar 'Record Meeting'. Inside, there is a 'Name' label followed by a text input field containing '1 [Test] Test Meeting\_0'. Below this is a 'Summary' label followed by a large empty text area. At the bottom right, there are two buttons: 'OK' and 'Cancel'.

When the recording is done click on the **Stop Recording** button under the *Record Meeting* icon in the top right corner.



## View / Watch Recordings

Navigate back to Adobe Connect application in Moodle page and click on the **View Recordings & Reports** link.

### Meetings List



Settings

Course Meetings

Test Meeting

[View Recordings & Reports](#)

Join


Open the **Recordings** tab and click on the **Refresh** icon to get the latest list of the recordings for this meeting.





### [Meetings List](#) > Recordings

Recordings

Reports

Settings

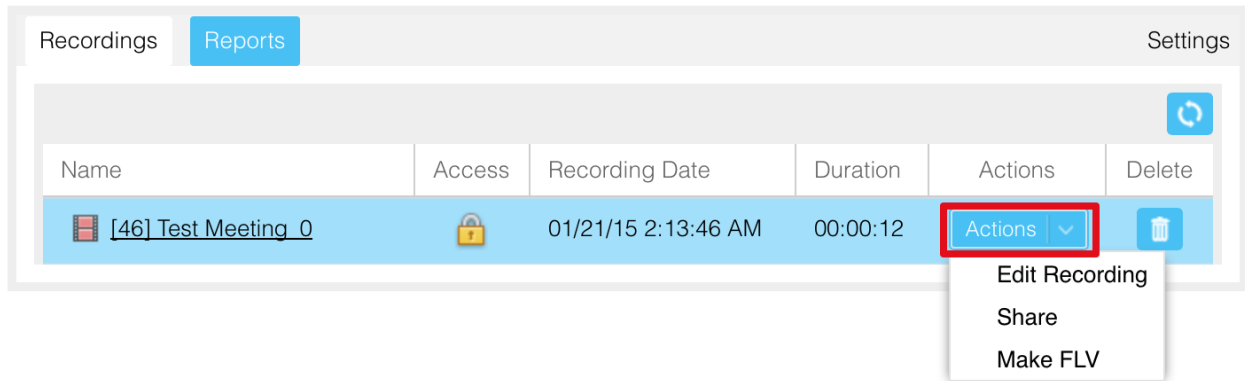


Name	Access	Recording Date	Duration	Actions	Delete
 <a href="#">[46] Test Meeting_0</a>		01/21/15 2:13:46 AM	00:00:12	<div>Actions</div> <div></div>	

Click on the recording's name to watch the meeting recording.

**Actions** drop-down menu located next to each recording allows you to *Edit Recording*, *Share* it and *Make FLV*.

[Meetings List](#) > **Recordings**



- 1) **Edit Recording** option allows to open the selected recording on Adobe Connect and modify it using Adobe Connect tools.
- 2) Clicking **Share** option you can set the Access Type: Public or Private (optionally setting a Passcode) and get the Recording URL.

The screenshot shows a dialog box titled '99 [Demo] Demo Meeting\_0'. It contains the following fields and options:

- Recording URL**: A text field containing the URL 'https://connect.esynctraining.com/p5o6ar3b7an'.
- Change Access Type**: Two radio buttons, 'Private' (selected) and 'Public'.
- Passcode (Optional)**: A text field.
- Buttons**: 'Cancel' and 'Save' buttons at the bottom right.

- 3) Selecting **Make FLV** option you will be asked to choose a place on your hard drive and the recording will be saved in FLV.

To delete the recording click on the **Delete** button (Trashcan icon).



# EduGameCloud in Adobe Connect

## EduGameCloud Plugin Installation

In the **Administration** navigation on the left side, open the **Install plugins** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Install plugins. Select the *Local plugin (local)* in the **Plugin type** drop-down list.

Upload the edugamecloud.zip plugin file.

Select the **Acknowledgement** checkbox and click on the **Install plugin from the ZIP file** button.

The screenshot shows the Moodle 'Plugin installer' page. On the left is a navigation menu with sections: NAVIGATION (Home, My home, Site pages, My profile, My courses), ADMIN BOOKMARKS (Bookmark this page), and ADMINISTRATION (My profile settings, Site administration, Notifications, Registration, Advanced features, Users, Courses, Grades, Badges, Location, Language, Plugins, Install plugins, Plugins overview, Activity modules, Admin tools, Authentication, Blocks). The breadcrumb trail at the top reads: Home > Site administration > Plugins > Install plugins. A 'Blocks editing on' button is in the top right.

The main content area is titled 'Plugin installer'. It contains a button 'Install plugins from the Moodle plugins directory'. Below this is a section 'Install plugin from ZIP file'. Within this section, the 'Plugin type' dropdown is set to 'Local plugin (local)'. A message states: 'Plugin type location C:\inetpub\wwwroot\local is writable'. The 'ZIP package' field contains 'edugamecloud.zip'. The 'Acknowledgement' checkbox is checked, with a warning message: 'I understand that it is my responsibility to have full backups of this site prior to installing additional plugins. I accept and understand that plugins (especially but not only those originating in unofficial sources) may contain security holes, can make the site unavailable, or cause private data leaks or loss.' A 'Show more...' link is below the warning. At the bottom of the form is a blue button labeled 'Install plugin from the ZIP file'.

In the **Administration** navigation on the left side, open the **Manage tokens** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Web services -> Manage tokens.

Click on the **Add** link.

Home > Site administration > Plugins > Web services > Manage tokens

Blocks editing off

### Manage tokens

Token	User	Service	IP restriction	Valid until	Operation
9c5b4c8535dbe97a9fd03e611a02bc60	Esync Service Account	Moodle mobile web service			Delete
8abce52dcb11b9c473a045192aad3b9a	Esync Service Account	Adobe Connect LTI			Delete
3f996e363d7e7eee3f94f5aeb1254a5c	Esync Service Account	Edugamecloud service			Delete

**Add**

Select the admin **User**, select the **Service** from the drop-down list that was created in the previous step and click on **Save changes** button.

▼ Token

User\*

Search

Vadim Adashkevich  
**Esync Service Account**  
Admin User

Service\*

Adobe Connect LTI

IP restriction

Valid until

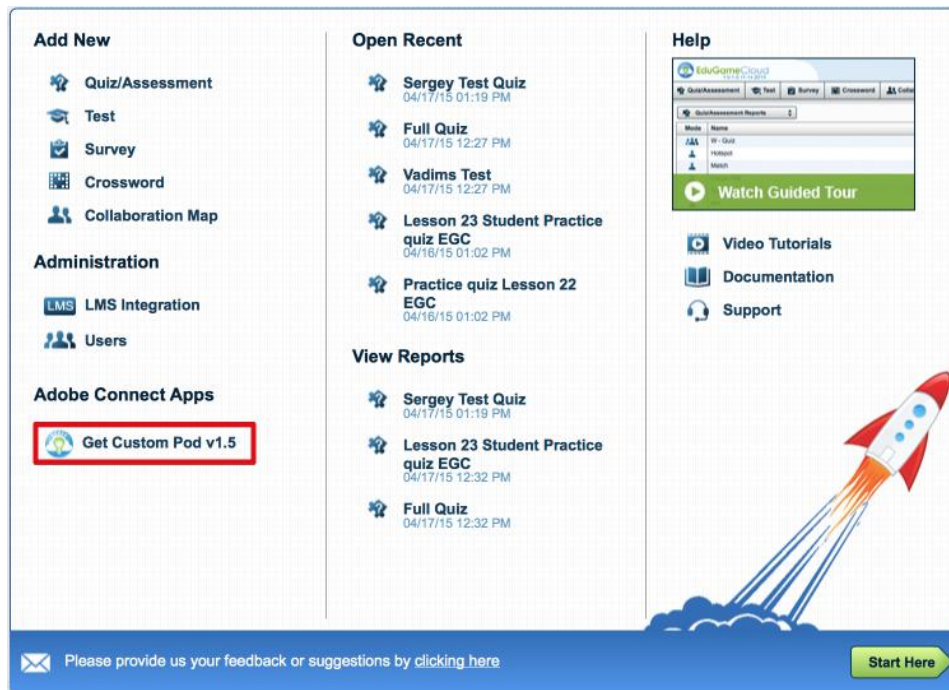
21 November 2014 ☐ Enable

**Save changes**

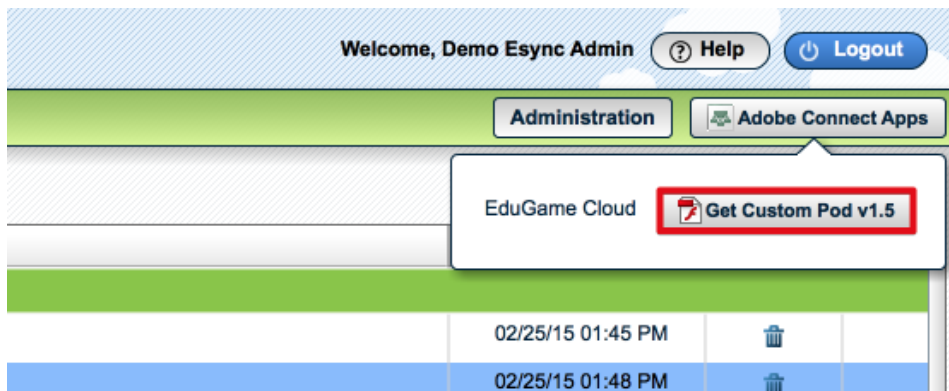
Cancel

## Import Moodle Quiz/Survey to EduGameCloud

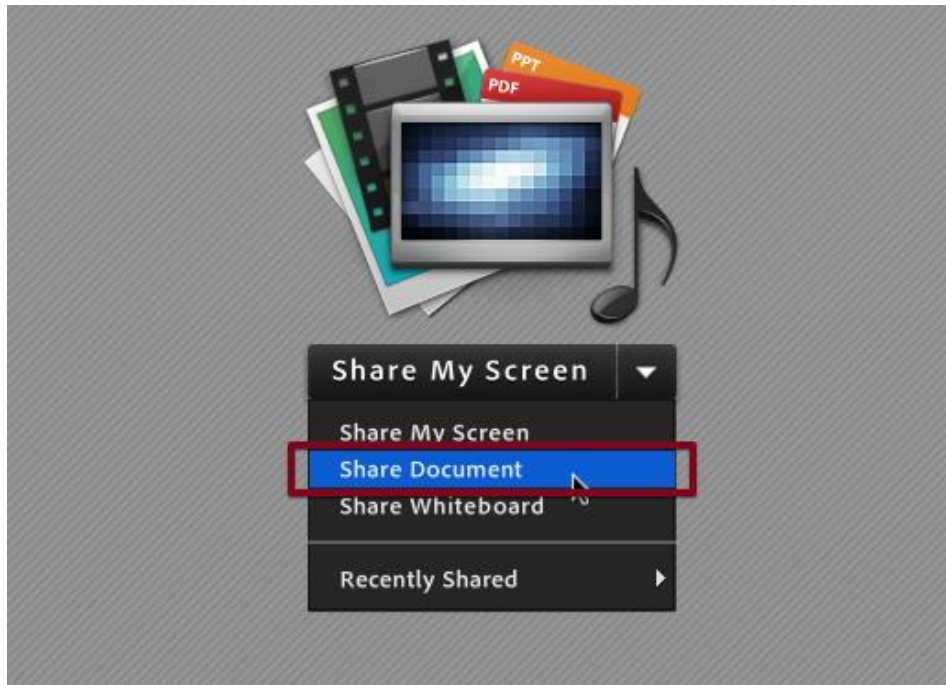
Navigate to [app.edugamecloud.com](http://app.edugamecloud.com) page and download the latest EduGame Cloud public build from the *Welcome* screen...



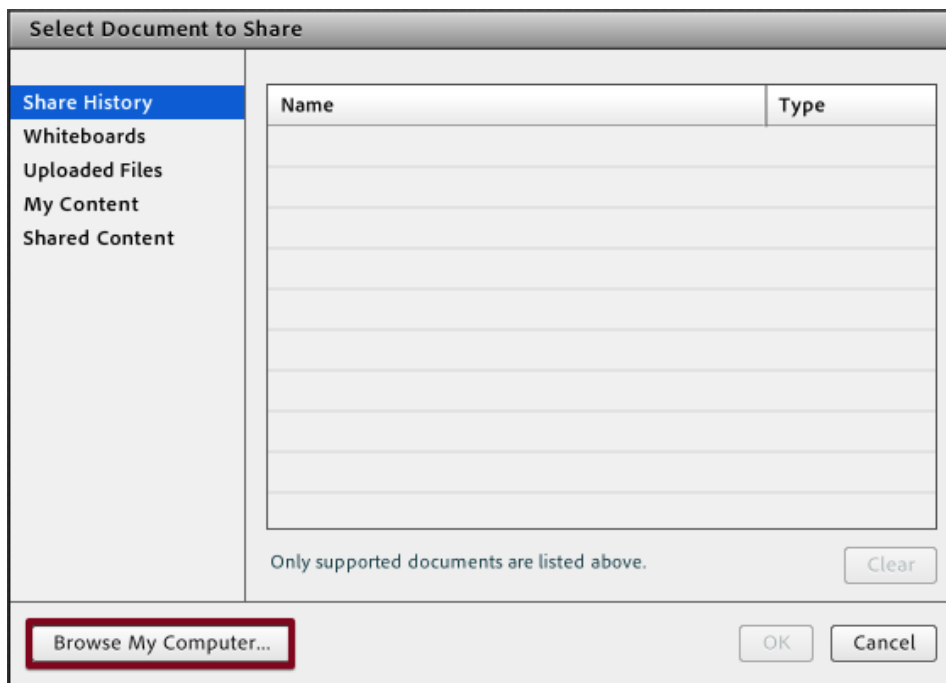
... or *Home* screen:



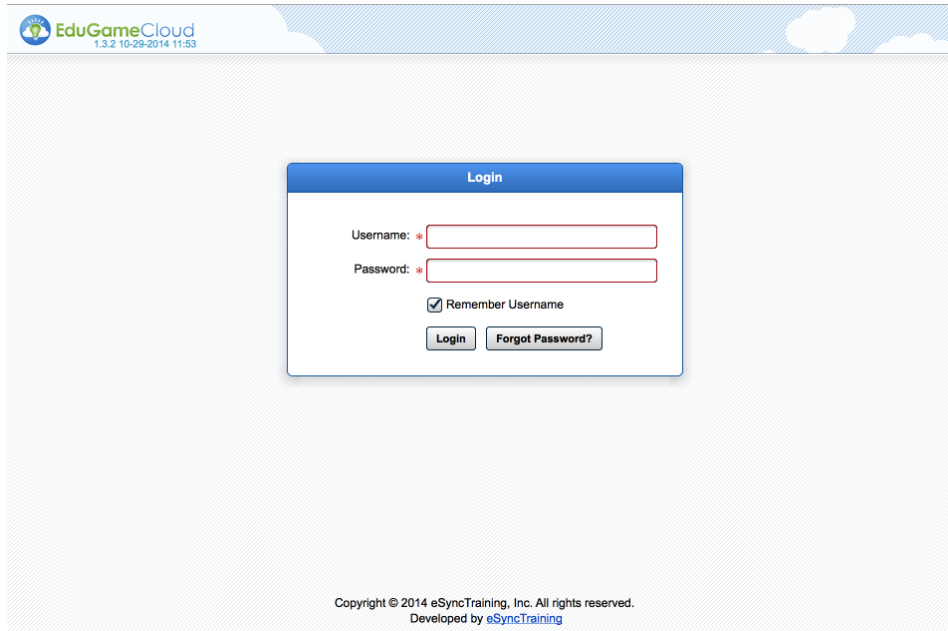
Navigate to Adobe Connect room and select the **Share Document** option from the *Share* drop-down menu.



Click on **Browse My Computer** button, select the appropriate file and upload the build to Adobe Connect room.

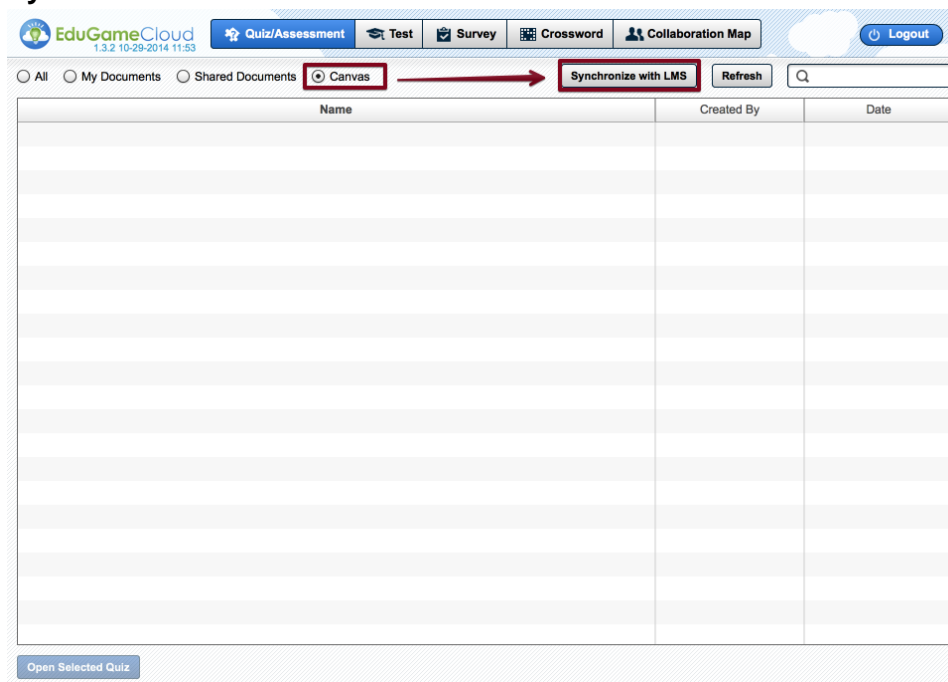


Once the build is successfully uploaded, enter valid EduGameCloud credentials.



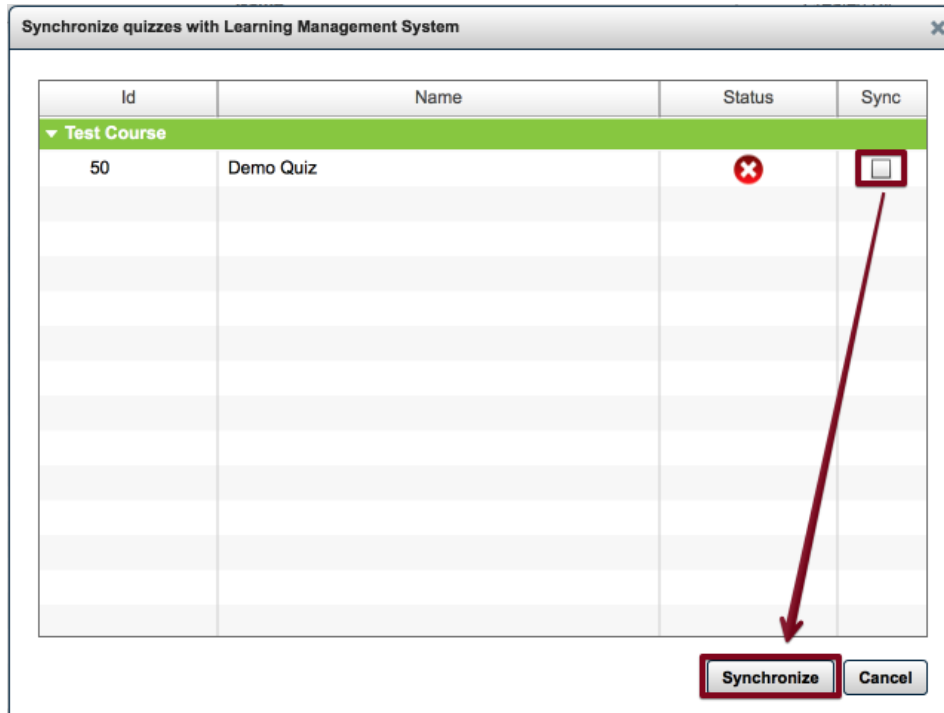
The image shows the EduGameCloud login interface. At the top left is the logo with the text "EduGameCloud 1.3.2 10-29-2014 11:53". The main content area features a "Login" form with a blue header. The form contains two input fields: "Username: \*" and "Password: \*", both with red borders. Below these is a checkbox labeled "Remember Username" which is checked. At the bottom of the form are two buttons: "Login" and "Forgot Password?". The background of the page has a light blue sky with clouds. At the bottom, there is a copyright notice: "Copyright © 2014 eSyncTraining, Inc. All rights reserved. Developed by eSyncTraining".

Navigate to *Quiz/Assessment* or *Survey* tab and select the **Moodle** radio-button and click on the **Synchronize with LMS** button.

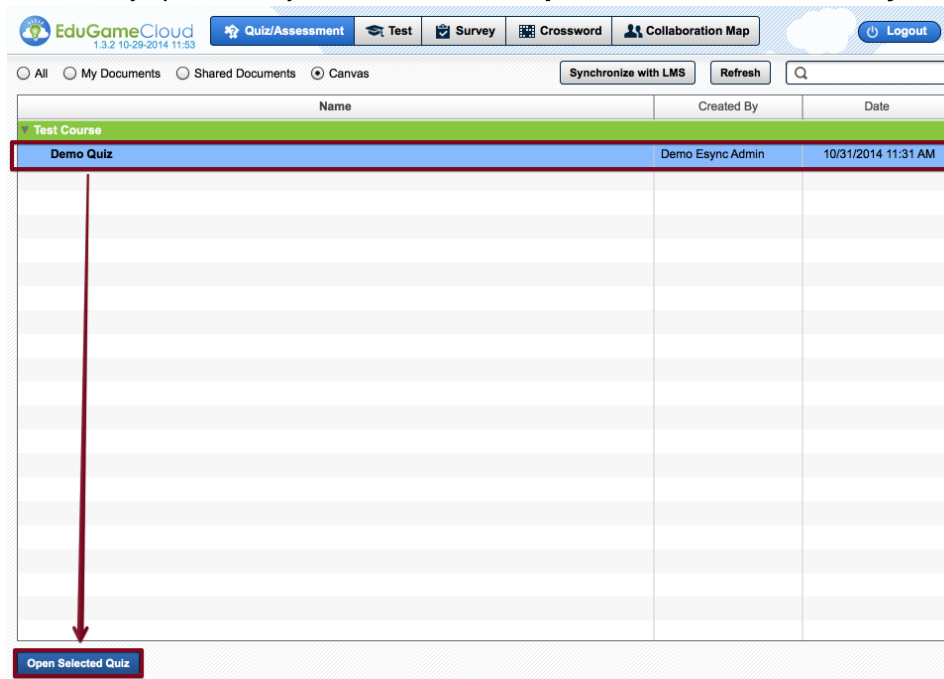


The image shows the EduGameCloud dashboard. At the top is a navigation bar with tabs: "Quiz/Assessment", "Test", "Survey", "Crossword", and "Collaboration Map". A "Logout" button is on the right. Below the navigation bar is a filter section with radio buttons: "All", "My Documents", "Shared Documents", and "Canvas". The "Canvas" radio button is selected and highlighted with a red box. A red arrow points from this box to another red box containing the text "Synchronize with LMS". To the right of this is a "Refresh" button and a search bar. Below these elements is a table with three columns: "Name", "Created By", and "Date". The table is currently empty. At the bottom left of the table area is a button labeled "Open Selected Quiz".

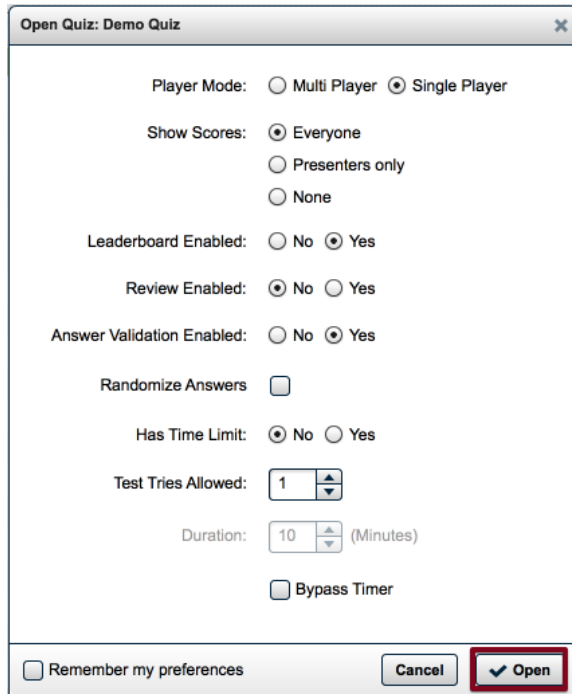
Select required quizzes/surveys and click on the **Synchronize** button.



Synchronized quizzes/surveys should appear under the *Moodle* list in EduGameCloud. Select any quiz/survey and click on the **Open Selected Quiz/Survey** button.



Set the required preferences and click on the **Open** button



The screenshot shows a dialog box titled "Open Quiz: Demo Quiz" with a close button (X) in the top right corner. The dialog contains the following settings:

- Player Mode: ☐ Multi Player ☒ Single Player
- Show Scores: ☒ Everyone  
☐ Presenters only  
☐ None
- Leaderboard Enabled: ☐ No ☒ Yes
- Review Enabled: ☒ No ☐ Yes
- Answer Validation Enabled: ☐ No ☒ Yes
- Randomize Answers: ☐
- Has Time Limit: ☒ No ☐ Yes
- Test Tries Allowed: 1 (with up/down arrows)
- Duration: 10 (Minutes) (with up/down arrows)
- ☐ Bypass Timer

At the bottom of the dialog, there is a checkbox for "Remember my preferences", a "Cancel" button, and an "Open" button with a checkmark icon. The "Open" button is highlighted with a red rectangular border.

All participants should now see the quiz/survey.

## View Meeting Reports

Navigate back to Adobe Connect application in Moodle page and click on the **View Recordings & Reports** link.



### Meetings List

Settings

**Course Meetings**

Test Meeting

[View Recordings & Reports](#)

[Join](#)  


Open the **Reports** tab and click on the **Refresh** icon to get the latest list of the reports for this meeting.

Teacher can obtain the information about each individual student who has participated in the meeting.

### [Meetings List](#) > **Reports**

[Recordings](#) **Reports** Settings

**By Attendees** [By Sessions](#)




Name	E-mail	Time In	Time Out
Vadim Adashkevich	<a href="mailto:vadim@esynctraining.com">vadim@esynctraining.com</a>	01/21/2015 1:13 PM	01/21/2015 1:14 PM
Mike Kollen	<a href="mailto:mike@esynctraining.com">mike@esynctraining.com</a>	01/21/2015 1:03 PM	01/21/2015 1:14 PM
Mike Kollen	<a href="mailto:mike@esynctraining.com">mike@esynctraining.com</a>	01/21/2015 12:55 PM	01/21/2015 12:55 PM

Teacher can obtain the session information by clicking on the **By Sessions** link.

### [Meetings List](#) > **Reports**

[Recordings](#) **Reports** Settings

[By Attendees](#) **By Sessions**



Session ↓	Start Time	End Time	Number of Attendees
1	01/21/2015 12:55 PM	01/21/2015 1:14 PM	2

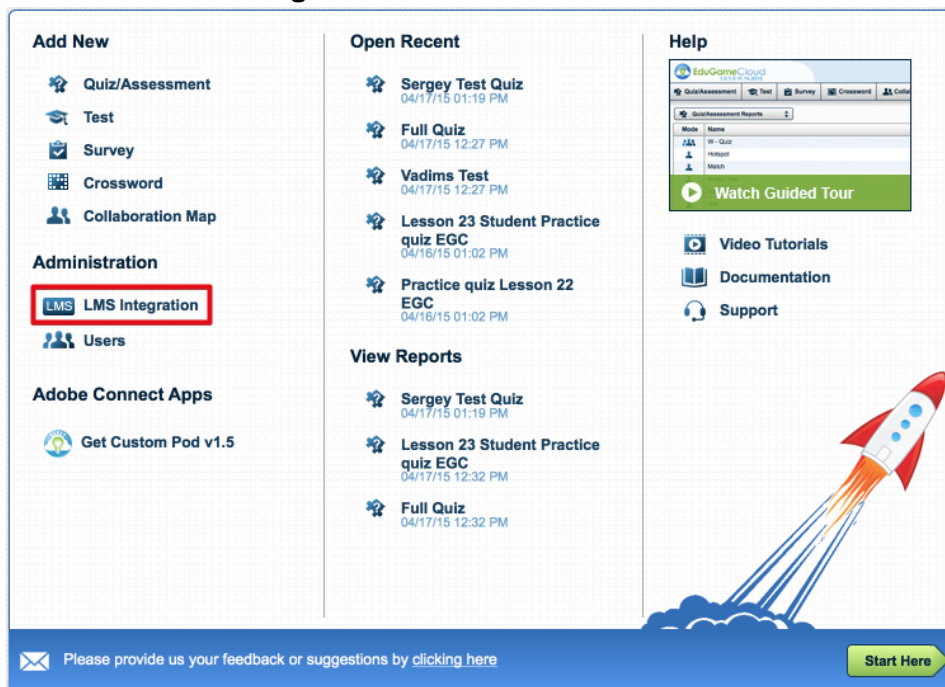


# Moodle Account Administrator Guide


## EduGame Cloud Administration

### Configure LMS License in EduGame Cloud

Navigate to [app.edugamecloud.com](http://app.edugamecloud.com) and login using your Admin credentials.  
Click on the **LMS Integration** link on the *Welcome* screen.



Click on **Edit** icon next to required LMS license in the list.



Welcome, Demo Admin

?

Help

Logout

Quiz/Assessment

Test

Survey

Crossword

Collaboration Map

Reporting

Administration

Adobe Connect Apps

LMS Integration






Users

Customization

Email History

My License

Change Password

Edit	LMS	Title	Creation Date	Consumer Key	Shared Secret
		 Demo Title	04/24/15 10:00 AM	520befa1- 	8acf12d6- 

On the *General* tab admin user can edit the *Adobe Connect Server* and *credentials*, select the *Primary Color* for Adobe Connect LTI and view the *User/Admin Guide*.

Edit LMS Support

General

Settings

User/Admin Guide

LMS Setup

LMS

Primary Color:

Title

Demo Title

Consumer Key

520befa1-

Shared Secret

8acf12d6-

Adobe Connect

Adobe Connect Server

http://connect.company.com/

Admin Username

admin

Password

Enter the password, if you want to overwrite it

☒ Use Shared Meetings Folder

☐ Use User Meetings Folder

LMS

Test Connection

Learning Management System

LMS Domain

http://

Admin Username

Password

Enter the password, if you want to overwrite it

Test Connection

Cancel

Save

On the *Settings* tab admin user can adjust the following settings:

Edit LMS Support

General
Settings

Meetings

Course Meetings: ? Yes
Office Hours: ? Yes
Study Groups: ? Yes

Options:
☒ Edit Meetings ?
☒ Delete Meetings ?
Meeting Title:
☒ Prefix ?
☐ Custom ?

User Management

Adobe Connect

Allow User Creation:
☒ True ?
☐ False ?

Adobe Connect Authentication

Type:
☒ Email ?
☐ Username ?
URL Session Token:
☒ Show ?
☐ Hide ?

Links

☒ Settings ?
☒ User Guide ?
☒ Edugame Cloud ?

Cancel
Save

## Course Meetings

Allow teachers to create course meetings

**Office Hours**

Allow teachers to create office hours that can be reused across multiple courses

**Study Groups**

Allow all participants to create study group Adobe Connect meetings. This user has similar privileges as an instructor in managing their study group

**Edit Meetings**

Allow teachers to edit the meetings

**Delete Meetings**

Allow teachers to delete the meetings

**Meeting Title**

**Prefixed**

Prefix LMS Course ID to custom meeting name to guarantee the uniqueness of the name

**Custom**

Use custom meeting name (Name duplication is not allowed: Please be careful)

**Allow User Creation**

**True**

Create a new Adobe Connect user when synchronizing with the active LMS course roster

**False**

Do not create new Adobe Connect users. Notify teachers that user does not exist in Adobe Connect and needs to be created manually

**Adobe Connect Authentication Type**

**Email**

Course participants should be authenticated first by email address and if the email address does not exist then try to use the username

**Username**

Course participants should be authenticated first by username and if the username does not exist then try to use the email address

**URL Session Token**

**Show**

Show Session Token in the URL when joining the Adobe Connect room. This is less secure, but does not requires cookies to be enabled

**Hide**

Hide Session Token in the URL when joining the Adobe Connect room. This is more secure, but requires cookies to be enabled

**Settings**

Allow all course attendees to use their own passwords to enter the Adobe Connect room

**User Guide**

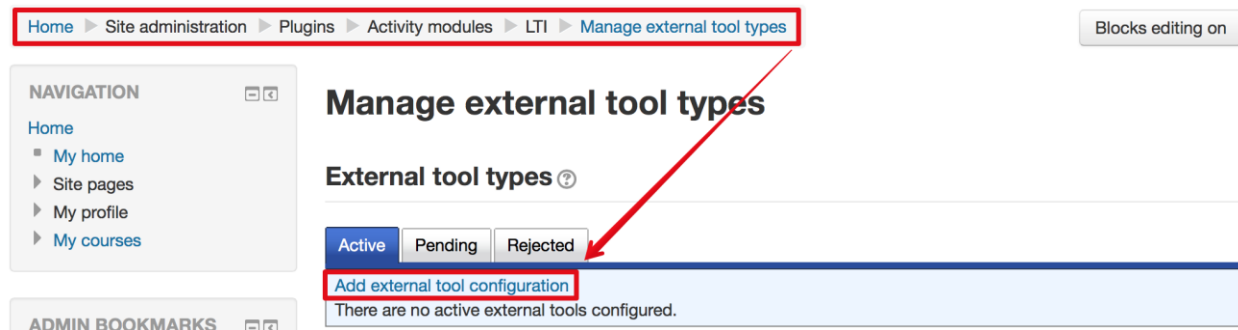
Show LMS user guide link. Shown for teachers only

**EduGame Cloud**

Show EduGame Cloud user guide link

## Configure Adobe Connect LTI for Your Moodle Account

In the **Administration** navigation on the left side, open the **Manage external tool types** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Activity modules -> LTI -> Manage external tool types. Click on the **Add external tool configuration** link.



Enter the **Tool Name**, **Tool Base URL**, **Consumer Key** and **Shared Secret**.

You will find your *Consumer Key* and *Shared Secret* in EduGame Cloud Administration.

Use the following *Tool base URL*: <https://app.edugamecloud.com/lti/moodle-login>

Select the **Show tool type...** checkbox.

▼ Tool settings

Tool name\* ?

Adobe Connect LTI

Tool base URL\* ?

Consumer key ?

Shared secret ?

☐ Unmask

Custom parameters ?

?

☐ Show tool type when creating tool instances

Default launch container ?

Embed, without blocks

Click on the **Save Changes** button to finish the process.

In the **Administration** navigation on the left side, open the **Advanced features** page. The page is located at the following path: Administration -> Site administration -> Advanced features.

Select the **Enable web services** checkbox.

The screenshot shows the Moodle 'Advanced features' settings page. On the left, there is a navigation menu with three main sections: 'NAVIGATION' (containing 'Home', 'My home', 'Site pages', 'My profile', and 'My courses'), 'ADMIN BOOKMARKS' (containing 'Bookmark this page'), and 'ADMINISTRATION' (containing 'My profile settings', 'Site administration' with sub-items 'Notifications', 'Registration', 'Advanced features', 'Users', 'Courses', and 'Grades'). The 'Advanced features' link in the 'ADMINISTRATION' section is highlighted with a red box. A red arrow points from this box to the 'Enable web services' checkbox on the main settings page. The main settings page is titled 'Advanced features' and lists several options: 'Enable outcomes' (checkbox unchecked, default: No), 'Enable comments' (checkbox checked, default: Yes), 'Enable tags functionality' (checkbox checked, default: Yes), 'Enable notes' (checkbox checked, default: Yes), 'Enable portfolios' (checkbox unchecked, default: No), and 'Enable web services' (checkbox checked, default: No). The 'Enable web services' checkbox is highlighted with a red box. A 'Blocks editing on' button is visible in the top right corner.

Home ► Site administration ► **Advanced features**

Blocks editing on

## Advanced features

**Enable outcomes** ☐ Default: No  
enableoutcomes Support for Outcomes (also known as Competencies, Goals, Standards or Criteria) means that we can grade things using one or more scales that are tied to outcome statements. Enabling outcomes makes such special grading possible throughout the site.

**Enable comments** ☒ Default: Yes  
enablecomments Enable comments

**Enable tags functionality** ☒ Default: Yes  
usetags Should tags functionality across the site be enabled?

**Enable notes** ☒ Default: Yes  
enablenotes Enable storing of notes about individual users.

**Enable portfolios** ☐ Default: No  
enableportfolios If enabled, users can export content, such as forum posts and assignment submissions, to external portfolios or HTML pages.

**Enable web services** ☒ Default: No  
enablewebservices Web services enable other systems to log in to this Moodle and perform operations. For extra security this feature should be disabled unless you are really using it.

Click on **Save changes** button to store the changes.

In the **Administration** navigation on the left side, open the **External Services** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Web services -> External Services.

Click on the **Add** link.

The screenshot shows the Moodle administration interface. At the top, a breadcrumb trail is highlighted with a red box: Home > Site administration > Plugins > Web services > External services. A button labeled 'Blocks editing on' is in the top right corner.

The left sidebar contains three main sections: NAVIGATION, ADMIN BOOKMARKS, and ADMINISTRATION. The ADMINISTRATION section is expanded, showing a tree structure where 'Site administration' is selected, and 'Plugins' is the current view.

The main content area is titled 'External services'. It includes a toggle for 'Enable web services for mobile devices' (currently disabled) and a checkbox for 'Default: No'. Below this is an 'Information' section explaining that a service is a set of functions accessible by all users or specified users.

The 'Built-in services' section contains a table with two entries:

External service	Plugin	Functions	Users	Edit
Edugamecloud service	local_edugamecloud	<a href="#">Functions</a>	All users	<a href="#">Edit</a>
Moodle mobile web service	moodle	<a href="#">Functions</a>	All users	<a href="#">Edit</a>

Below this is the 'Custom services' section, which has a table with headers: External service, Delete, Functions, Users, and Edit. At the bottom left of this section, an 'Add' button is highlighted with a red box. A red arrow points from the 'Add' button up to the 'External services' title.



Enter **Name**, **Short Name**, select **Enabled** checkbox and click on the **Add service** button.

\*NOTE: Please enter the following *Short Name*: lms

▼ External service

Name\*

Adobe Connect LTI

Short name

lms

Enabled ☒

Authorised users only ☐

[Show more...](#)

Add service

Cancel

Click on the **Add functions** link.

[Home](#) ► [Site administration](#) ► [Plugins](#) ► [Web services](#) ► [External services](#) ► [Functions](#)

Blocks editing on

NAVIGATION

Home

■ [My home](#)

► Site pages

## Add functions to the service "Adobe Connect LTI"

This service has no functions.

[Add functions](#)

Search for the following function: core\_enrol\_get\_enrolled\_users

▼ Add functions

Name\*

Search core\_enrol\_get\_enrolled\_users

core\_enrol\_get\_enrolled\_users: Get enrolled users by course id.  
core\_enrol\_get\_enrolled\_users\_with\_capability: For each course and capability specified, return a list of the users that are  
moodle\_enrol\_get\_enrolled\_users: DEPRECATED: this deprecated function will be removed in a future version. Please use  
moodle\_user\_get\_users\_by\_courseid: DEPRECATED: this deprecated function will be removed in a future version. This fur

Add functions

Cancel

Click on the **Add functions** button to finish the process.

In the **Administration** navigation on the left side, open the **Manage tokens** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Web services -> Manage tokens.

Click on the **Add** link.

Home > Site administration > Plugins > Web services > Manage tokens

Blocks editing off

### Manage tokens

Token	User	Service	IP restriction	Valid until	Operation
9c5b4c8535dbe97a9fd03e611a02bc60	<a href="#">Esync Service Account</a>	Moodle mobile web service			<a href="#">Delete</a>
8abce52dcb1b9c473a045192aad3b9a	<a href="#">Esync Service Account</a>	Adobe Connect LTI			<a href="#">Delete</a>
3f996e363d7e7eee3f94f5aeb1254a5c	<a href="#">Esync Service Account</a>	Edugamecloud service			<a href="#">Delete</a>

[Add](#)

Select the admin **User**, select the **Service** from the drop-down list that was created in the previous step and click on **Save changes** button.

▼ Token

User\*

Search

Vedim Adoshkevich  
**Esync Service Account**  
Admin User

Service\*

Adobe Connect LTI

IP restriction

Valid until

21 November 2014 ☐ Enable

**Save changes**

Cancel

## Getting Support

**Email Support, please contact:**

[support@esynctraining.com](mailto:support@esynctraining.com) and cc: [qa@esynctraining.com](mailto:qa@esynctraining.com)

**Emergency Phone Support:**

714.979.4444