



&



Adobe Connect

LTI Integration

User Guide (Version 0.9.1)



© 2014 Advanced eSyncTraining, Incorporated. All rights reserved.



& Adobe Connect

Configuration Guide

Version 1.0

[Configure Adobe Connect LTI for Your Moodle Account](#)

[Add Adobe Connect LTI Link to the Course](#)

[Add or Reuse Existing Users to the Course to Add to Adobe Connect Meeting](#)

[Add a New User to Your Moodle Account](#)

[Enroll Users to the Course](#)

[Create a New Adobe Connect Meeting](#)

[Adobe Connect Recordings](#)

[Record the Meeting](#)

[View / Watch Recordings](#)

[EduGameCloud in Adobe Connect](#)

[EduGameCloud Plugin Installation](#)

[Import Moodle Quiz/Survey to EduGameCloud](#)

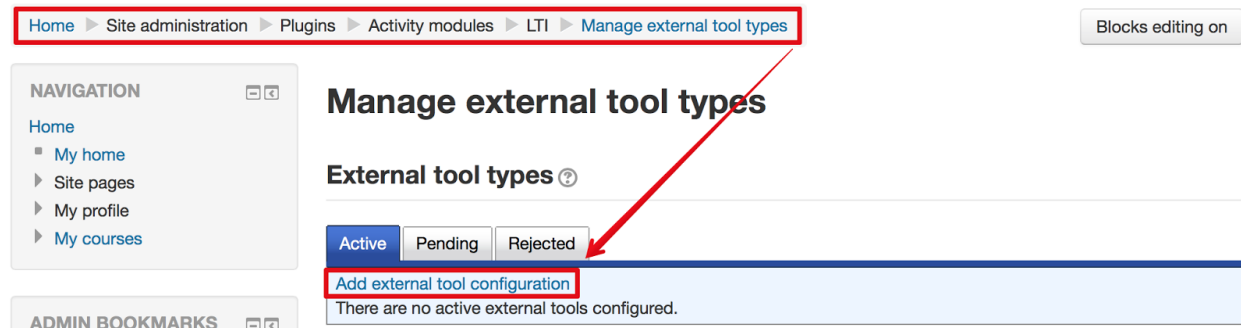
[View Meeting Reports](#)

[Getting Support](#)

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 EduGameCloud 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' page. At the top, a breadcrumb trail 'Home > Site administration > Advanced features' is highlighted with a red box. A red arrow points from this breadcrumb to the 'Enable web services' checkbox, which is also highlighted with a red box. The page title is 'Advanced features'. On the left, there are three navigation menus: '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). The 'Enable web services' checkbox is checked, and its description states: '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.' Other features listed include 'Enable outcomes', 'Enable comments', 'Enable tags functionality', 'Enable notes', and 'Enable portfolios'.

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
enableportfolio 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 'External services' page. A red box highlights the breadcrumb path: Home > Site administration > Plugins > Web services > External services. Another red box highlights the 'Add' link at the bottom of the 'Custom services' table. A red arrow points from the 'Add' link back to the 'External services' title.

External services

Enable web services for mobile devices ☐ Default: No
enablemobilewebservice Enable mobile service for the official Moodle app or other app requesting it. For more information, read the [Moodle documentation](#)

Information

A service is a set of functions. A service can be accessed by all users or just specified users.

Built-in services

External service	Plugin	Functions	Users	Edit
Edugamecloud service	local_edugamecloud	Functions	All users	Edit
Moodle mobile web service	moodle	Functions	All users	Edit

Custom services

External service	Delete	Functions	Users	Edit
Add				

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 **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

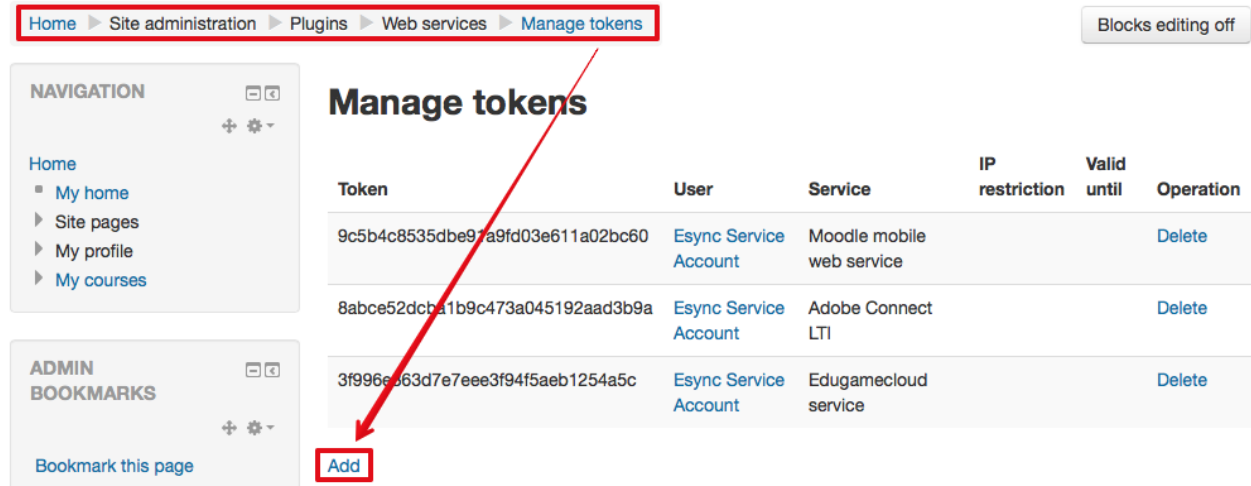
core_enrol_get_enrolled_users: Get enrolled users by course id.
core_enrol_get_enrolled_users_with_capability: For each course and capability specified, return a list of the users that are
moodle_enrol_get_enrolled_users: DEPRECATED: this deprecated function will be removed in a future version. Please 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	Esync Service Account	Moodle mobile web service			Delete
8abce52dcb1b9c473a045192aad3b9a	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

[Vedim Adgechkovich](#)

[Esync Service Account](#)

[Admin User](#)

Service*

[Adobe Connect LTI](#)

IP restriction

Valid until

21

November

2014



☐ Enable

[Save changes](#)

[Cancel](#)

Add Adobe Connect LTI Link to the Course

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


NAVIGATION

Home

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

ADMINISTRATION

Front page settings

 **Turn editing on**

Edit settings

Users

Filters

Reports

Back in

Available courses



 **Test**


 **LTI Test**

Teacher: Admin User

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

MAIN MENU

 Add an activity or resource

NAVIGATION

Home

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



 Add an activity or resource

Available courses

 **Test**

 **LTI Test**

Teacher: Admin User

Add a new course

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.

MAIN MENU

+ Add an activity or resource

Available courses

+ Add an activity or resource

Demo Course

Test

LTI Test

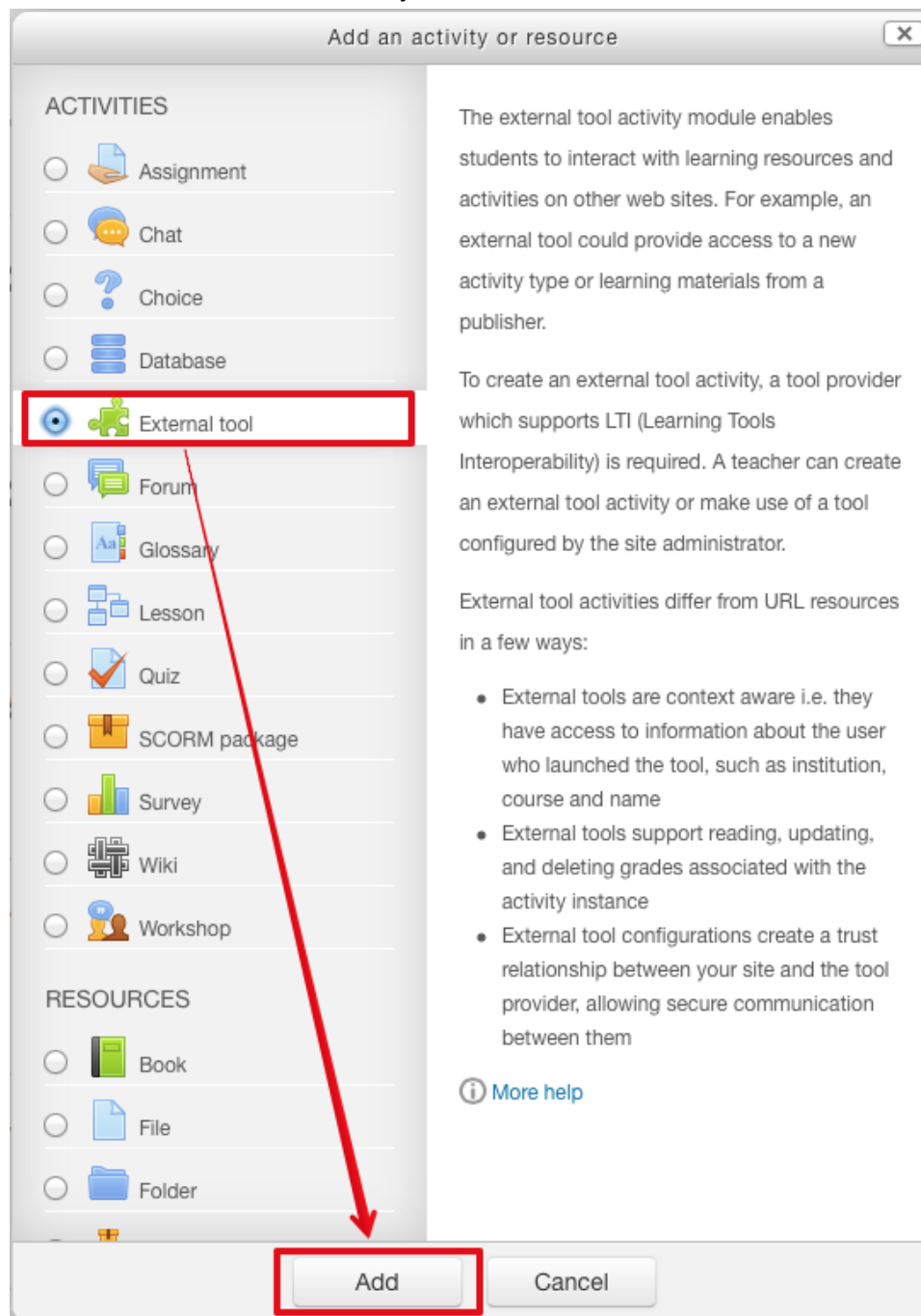
Teacher: Admin User

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

Home > Courses > Miscellaneous > Demo Course

+ Add an activity or resource

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* Adobe Connect

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.

MAIN MENU

- Add an activity or resource

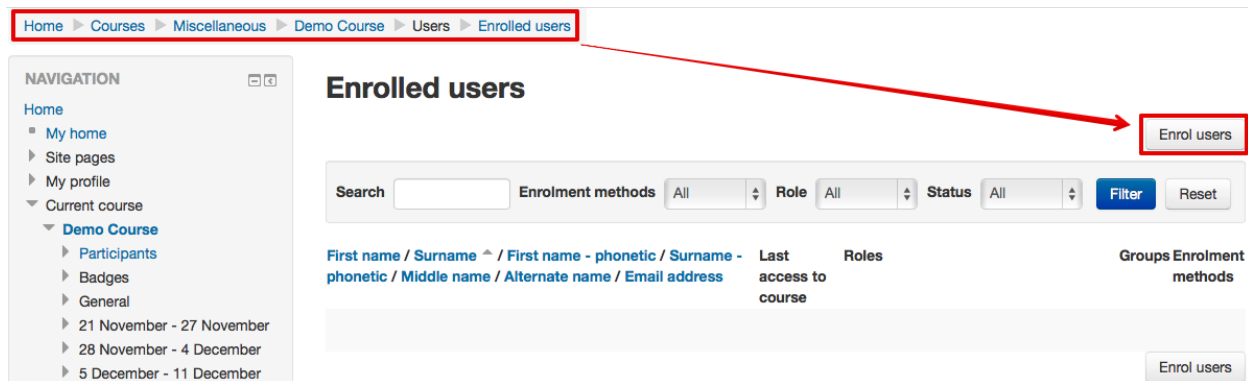
Available courses

- Demo Course
- Test
- LTI Test

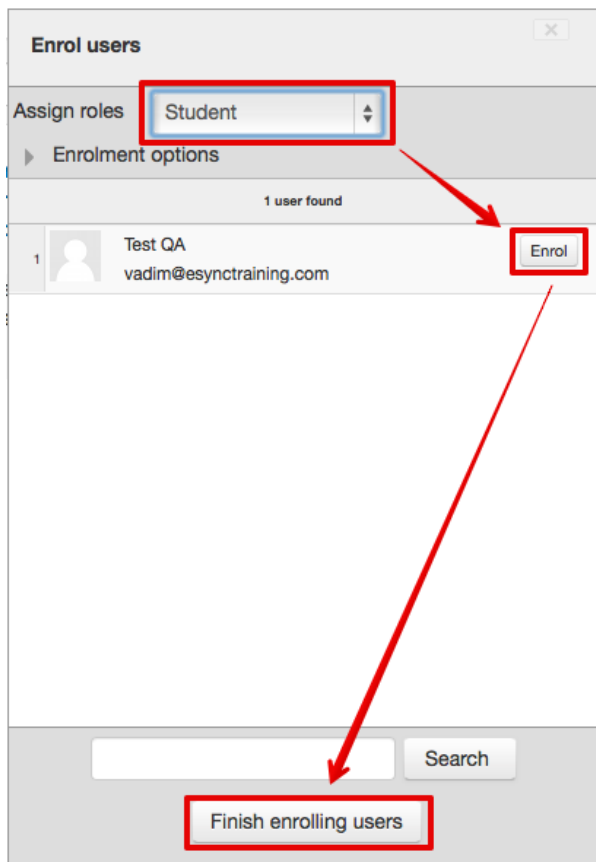
Teacher: Admin User

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.



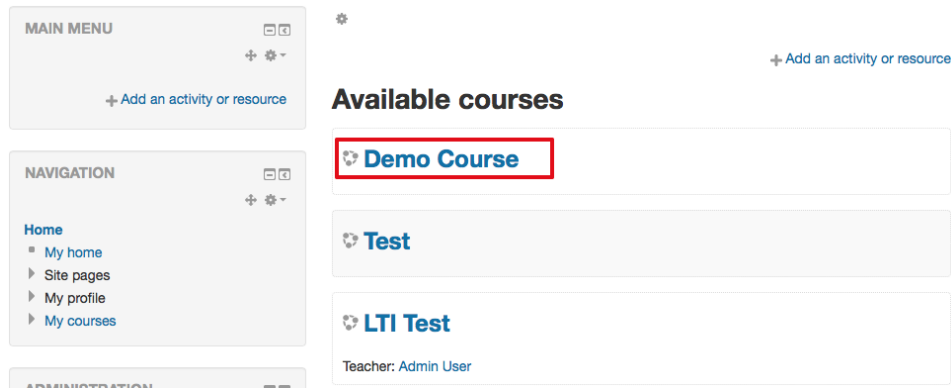
Select the required role and click on the **Enrol** button next to the required user..



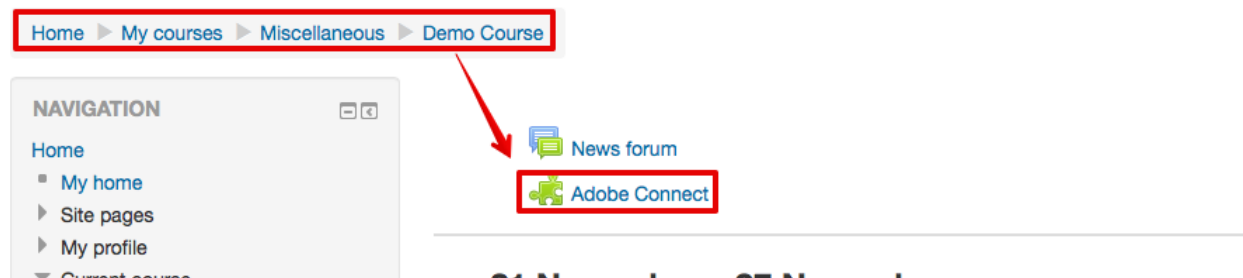
Click on the **Finish enrolling users** button to close the *Enrol users* window.

Create a New Adobe Connect Meeting

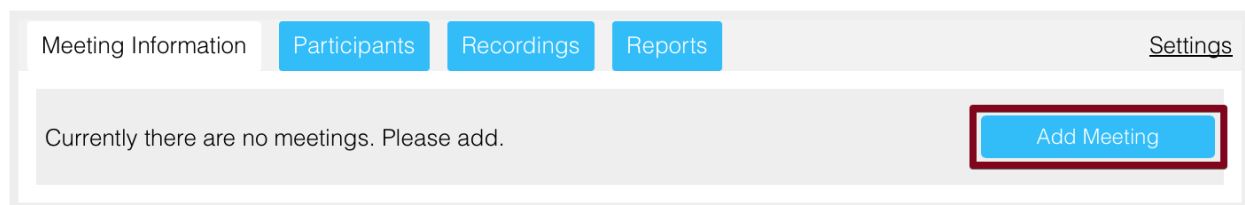
Navigate to the *Home* screen and select the course.



Click on the previously added *Adobe Connect* activity.



Click on the **Add Meeting** button.



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


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

Meeting Settings

Required

Name:	<input type="text"/>
Select Template:	<input type="text" value="v"/>

Optional

Custom URL:	<input type="text" value="https://meet49925394.adobeconnect.com"/>
Summary:	<input type="text"/>
Start Time:	<input type="text" value="10-06-2014"/>  <input type="text" value="1:08 PM"/>
Duration:	<input type="text" value="01:00"/>
Access:	<p><input type="radio"/> Only registered users</p> <p><input checked="" type="radio"/> Registered users and accepted guests</p> <p><input type="radio"/> Anyone who has the URL for the meeting</p>

[Save](#) [Back](#) [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.

Canvas Available Users (2)	Adobe Connect Participants (2)
<div><input type="checkbox"/> Student (1)</div> <div>Vadim Test Adashkevich</div>	<div><input type="checkbox"/> Host (1)</div> <div>Mike Kollen</div>
<div><input type="checkbox"/> Teacher (1)</div> <div>Mike Kollen</div>	<div><input type="checkbox"/> Participant (1)</div> <div>Vadim Test Adashkevich</div>

Sync Users

Add

Set User Role | v

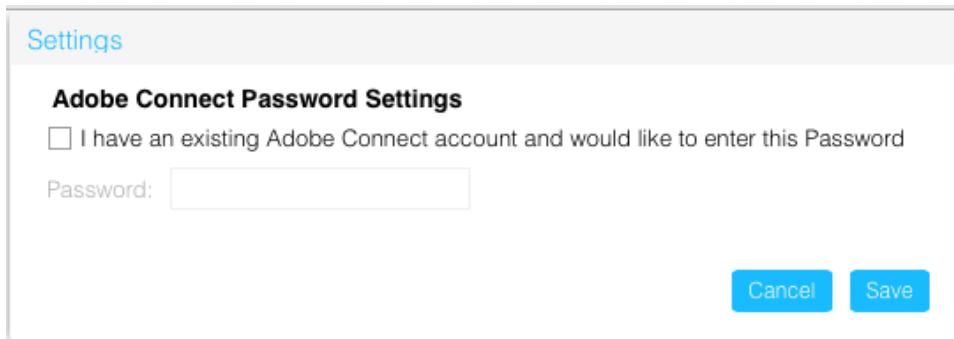
Remove

Back

Finish

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

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

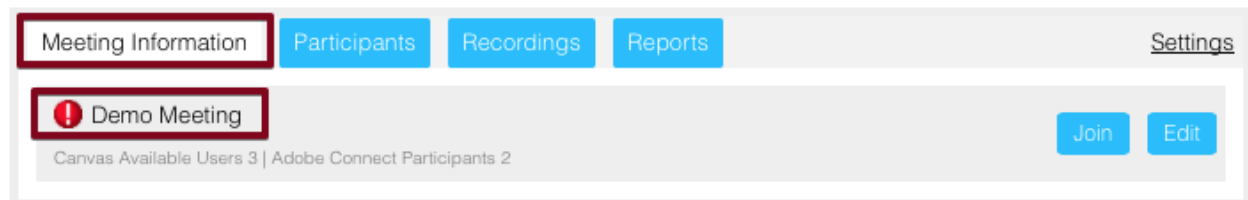


The screenshot shows a 'Settings' dialog box with the title 'Settings' in blue. Below the title is the section 'Adobe Connect Password Settings'. It contains a checkbox with the text 'I have an existing Adobe Connect account and would like to enter this Password'. Below the checkbox is a text input field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

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.

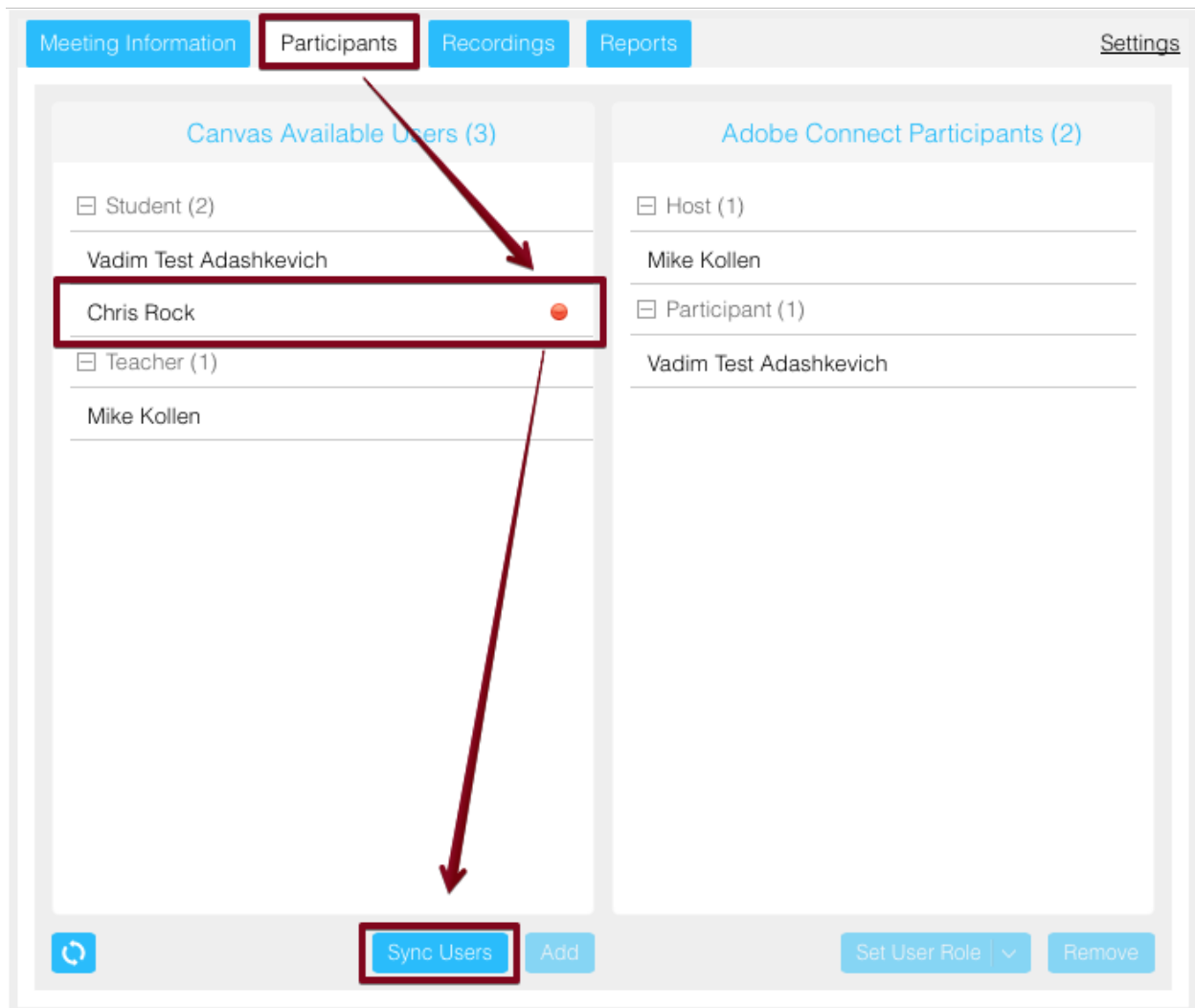
In case you don't have an Adobe Connect account and want to generate a random password every time you join Adobe Connect meeting click **Save** button and it will be done automatically.

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



The screenshot shows a tabbed interface with four tabs: 'Meeting Information', 'Participants', 'Recordings', and 'Reports'. The 'Meeting Information' tab is selected and highlighted with a red border. Below the tabs, there is a section for a meeting named 'Demo Meeting', which is also highlighted with a red border. To the left of the meeting name is a red alert icon. To the right are two blue buttons: 'Join' and 'Edit'. Below the meeting name, there is a status bar that reads 'Canvas Available Users 3 | Adobe Connect Participants 2'.

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



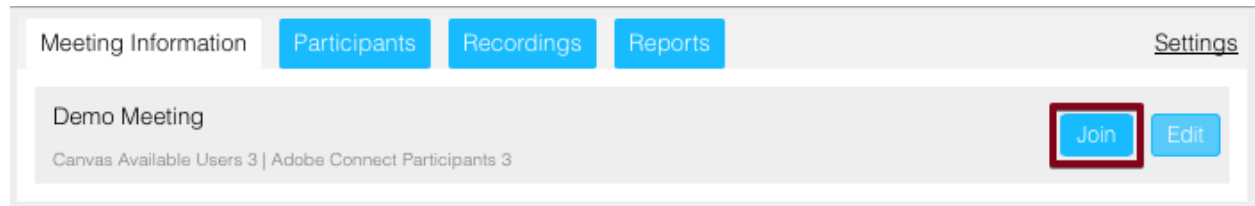
Select the user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu.

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

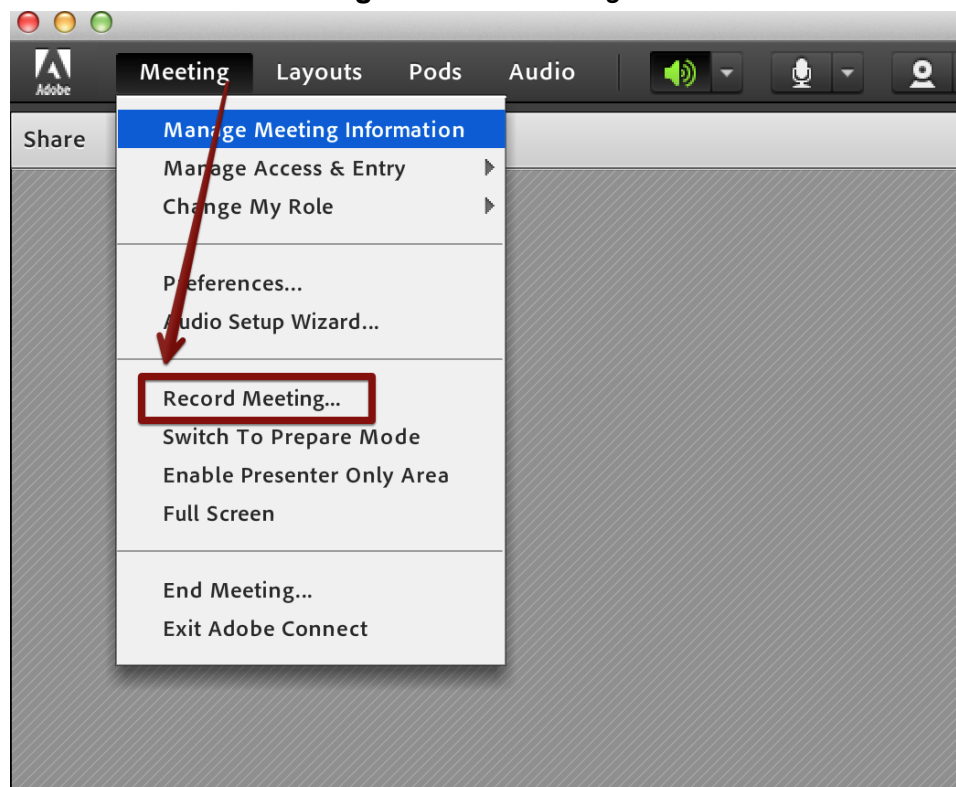
Adobe Connect Recordings

Record the Meeting

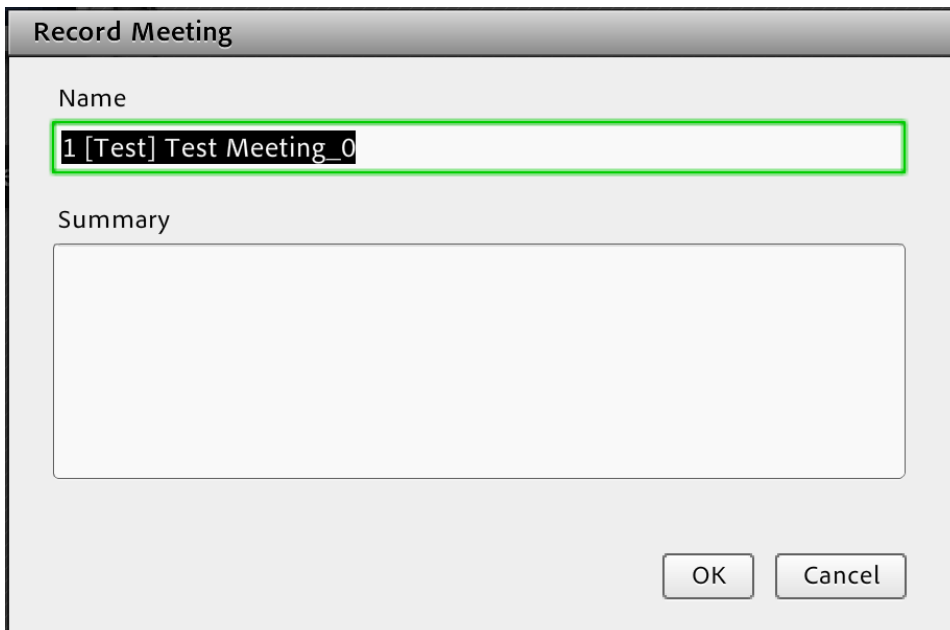
Join the meeting.



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

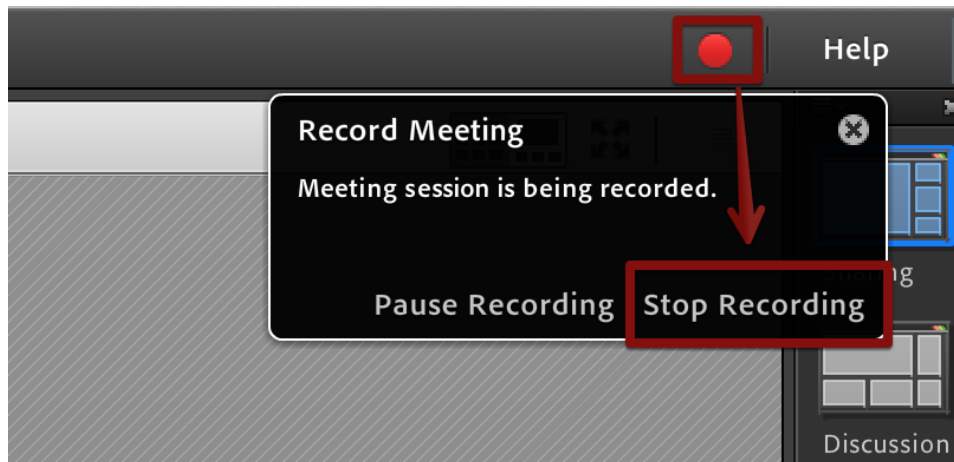


Populate the following form and click on the **OK** button to start the recording.



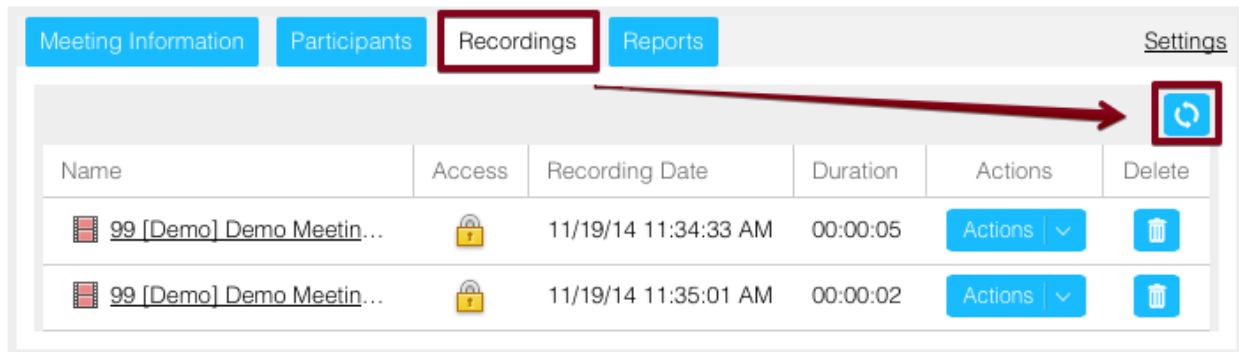
A dialog box titled "Record Meeting" with a light gray background. It contains two input fields: "Name" and "Summary". The "Name" field is filled with the text "1 [Test] Test Meeting_0" and is highlighted with a green border. The "Summary" field is empty. At the bottom right, there are two buttons: "OK" 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

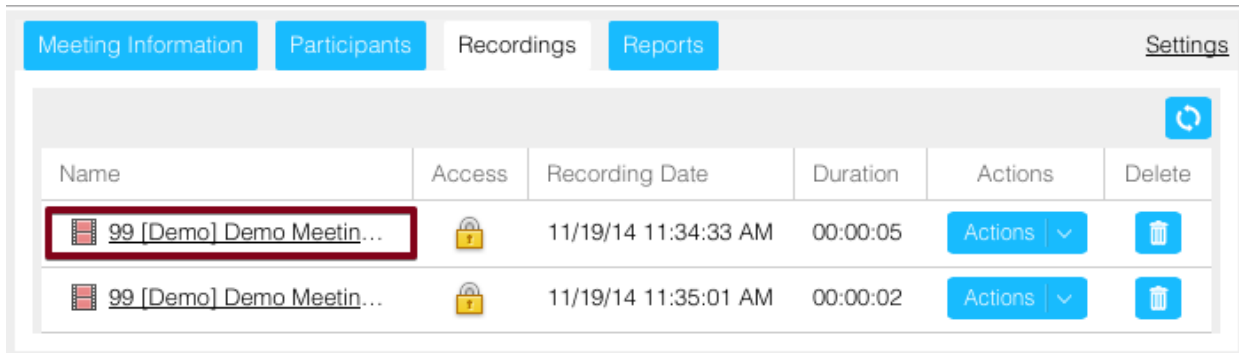
Navigate back to Adobe Connect application in Moodle page, open the **Recordings** tab and click on the **Refresh** icon to get the latest list of the recordings for this meeting.



The screenshot shows the Adobe Connect interface with the 'Recordings' tab selected. A red box highlights the 'Refresh' icon (a circular arrow) in the top right corner. A red arrow points from the 'Recordings' tab to the 'Refresh' icon.

Name	Access	Recording Date	Duration	Actions	Delete
99 [Demo] Demo Meetin...		11/19/14 11:34:33 AM	00:00:05	Actions ▾	
99 [Demo] Demo Meetin...		11/19/14 11:35:01 AM	00:00:02	Actions ▾	

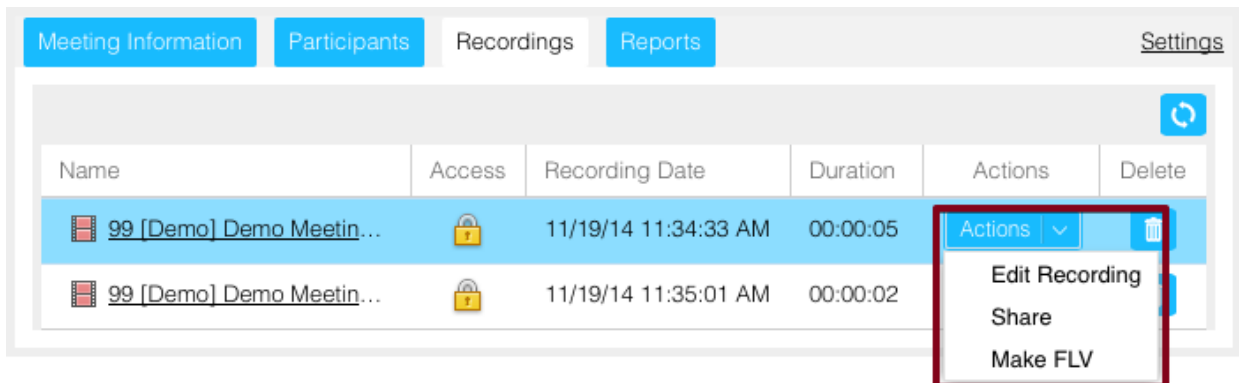
Click on the recording's name to watch the meeting recording.



The screenshot shows the Adobe Connect interface with the 'Recordings' tab selected. A red box highlights the first recording name '99 [Demo] Demo Meetin...'. A 'Refresh' icon is visible in the top right corner.

Name	Access	Recording Date	Duration	Actions	Delete
99 [Demo] Demo Meetin...		11/19/14 11:34:33 AM	00:00:05	Actions ▾	
99 [Demo] Demo Meetin...		11/19/14 11:35:01 AM	00:00:02	Actions ▾	

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



The screenshot shows the Adobe Connect interface with the 'Recordings' tab selected. A red box highlights the 'Actions' drop-down menu for the first recording, which is open and shows the options: 'Edit Recording', 'Share', and 'Make FLV'.

Name	Access	Recording Date	Duration	Actions	Delete
99 [Demo] Demo Meetin...		11/19/14 11:34:33 AM	00:00:05	Actions ▾ Edit Recording Share Make FLV	
99 [Demo] Demo Meetin...		11/19/14 11:35:01 AM	00:00:02	Actions ▾	

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.

99 [Demo] Demo Meeting_0

Recording URL

<https://connect.esyncctraining.com/p5o6ar3b7an>

Change Access Type

☒ Private

☐ Public

Passcode (Optional):

Cancel Save

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.

EduGameCloud in Adobe Connect

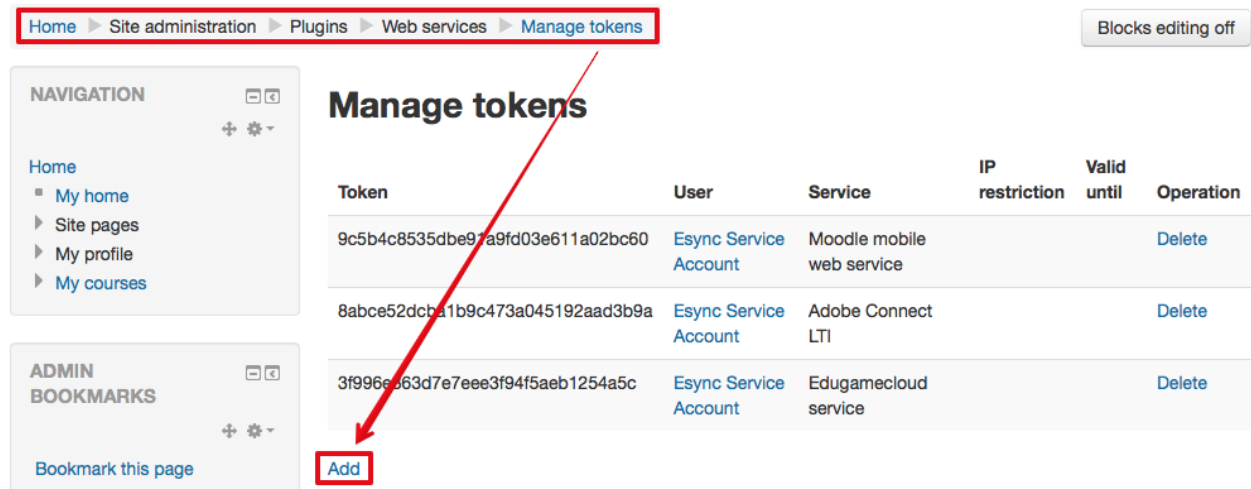
EduGameCloud Plugin Installation

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 'ADMINISTRATION' > 'Site administration' > 'Plugins' > 'Install plugins' highlighted. The main content area has a breadcrumb 'Home > Site administration > Plugins > Install plugins' and a 'Blocks editing on' button. The 'Plugin installer' section includes a button 'Install plugins from the Moodle plugins directory'. Below is the 'Install plugin from ZIP file' section. It features a 'Plugin type' dropdown set to 'Local plugin (local)', with a note 'Plugin type location C:\inetpub\wwwroot\local is writable'. The 'ZIP package' field shows 'edugamecloud.zip' uploaded. The 'Acknowledgement' checkbox is checked, with a 'Show more...' link. At the bottom, the 'Install plugin from the ZIP file' button is highlighted. Red arrows and boxes indicate the sequence of actions: selecting the plugin type, uploading the file, checking the acknowledgement, and clicking the install button.

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.



Token	User	Service	IP restriction	Valid until	Operation
9c5b4c8535dbe97a9fd03e611a02bc60	Esync Service Account	Moodle mobile web service			Delete
8abce52dcb1b9c473a045192aad3b9a	Esync Service Account	Adobe Connect LTI			Delete
3f996e363d7e7eee3f94f5aeb1254a5c	Esync Service Account	Edugamecloud service			Delete

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 Adgechkovich

Esync Service Account

Admin User

Service*

Adobe Connect LTI

IP restriction

Valid until

21

November

2014

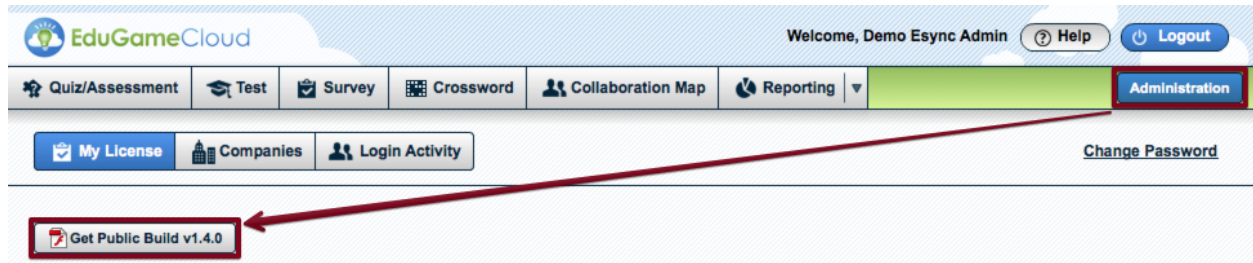
☐ Enable

Save changes

Cancel

Import Moodle Quiz/Survey to EduGameCloud

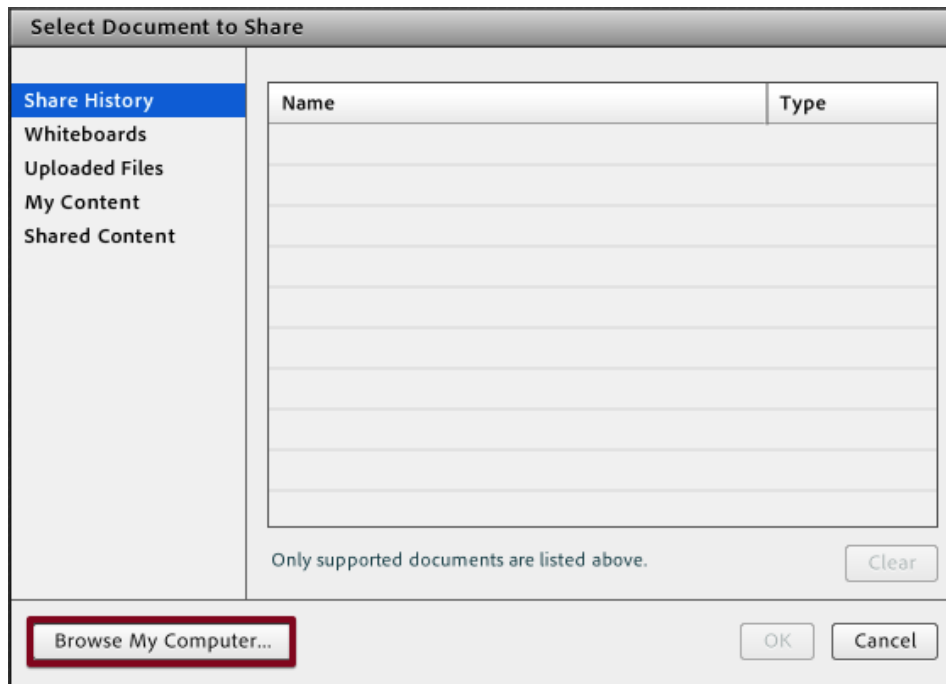
Navigate to the *Administration* page in your EduGameCloud account and download the latest EduGameCloud public build.



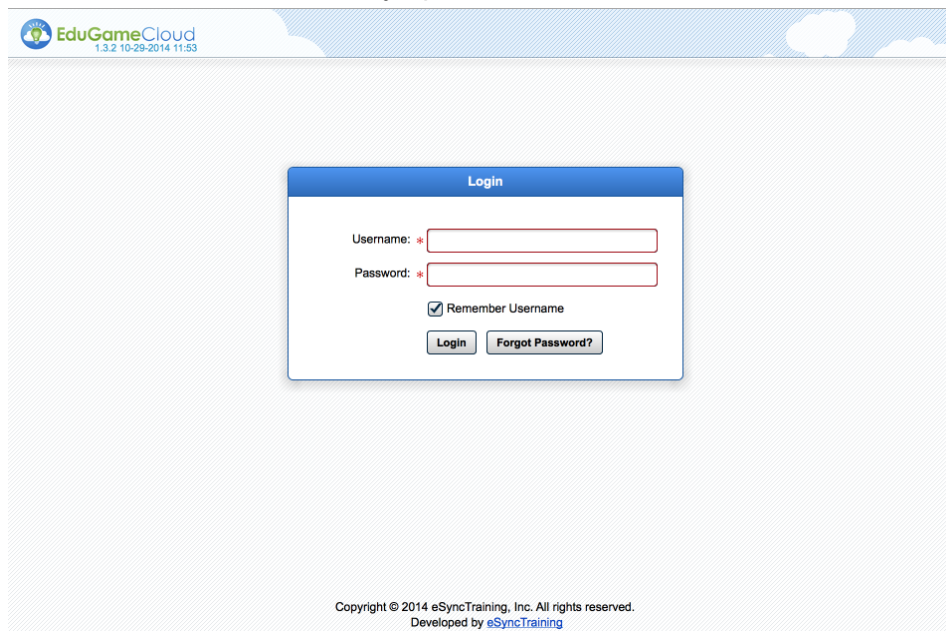
Navigate to Adobe Connect room and select the **Share Document** option from the *Share* drop-down menu.



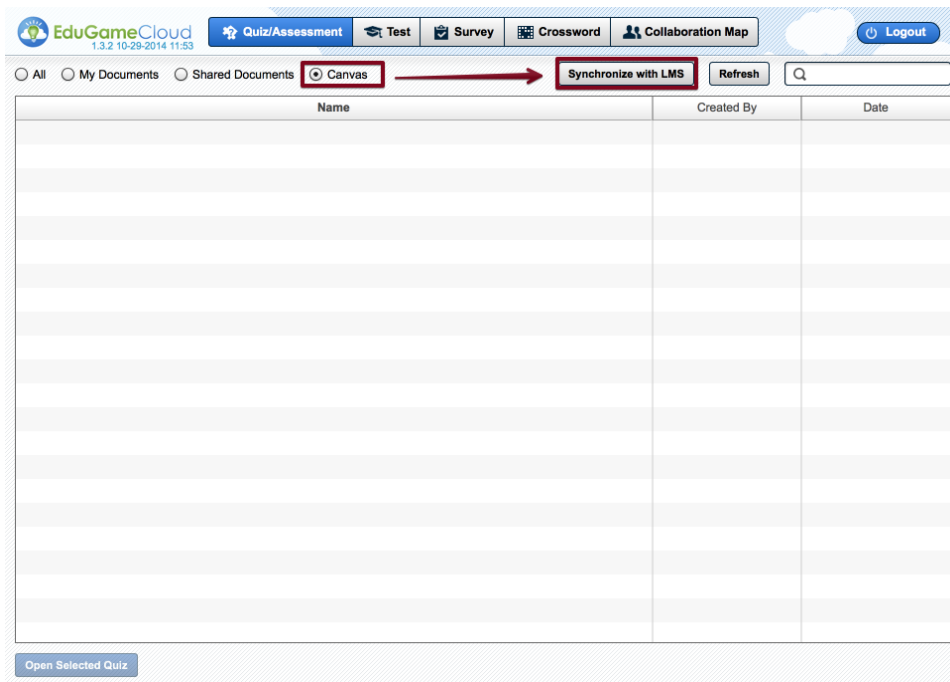
Click on **Browse My Computer** button, select the appropriate file and upload the build to Adobe Connect room.



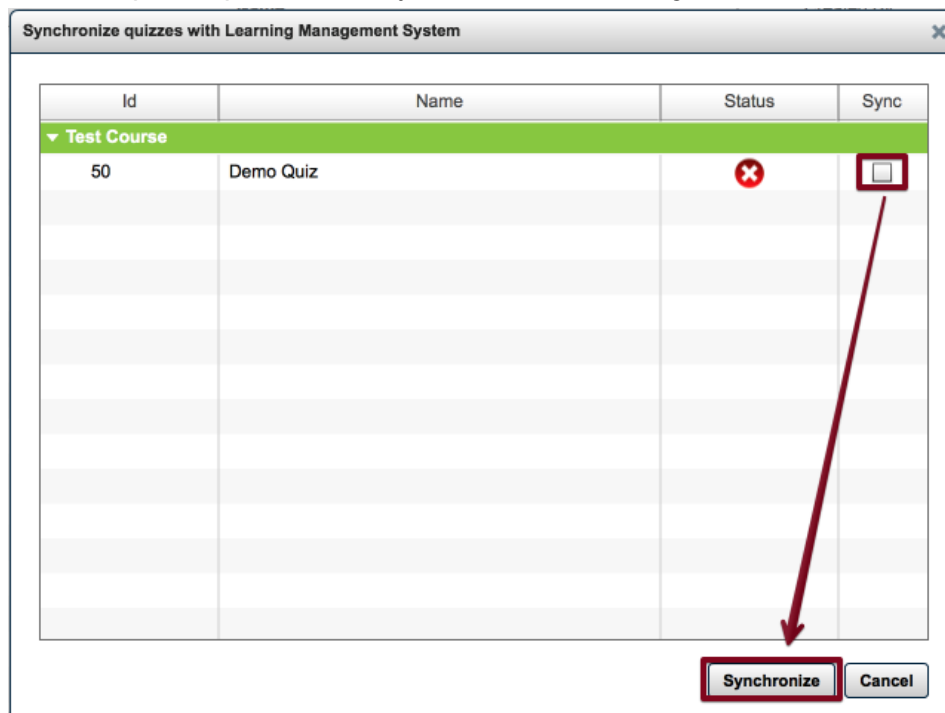
Once the build is successfully uploaded, enter valid EduGameCloud credentials.



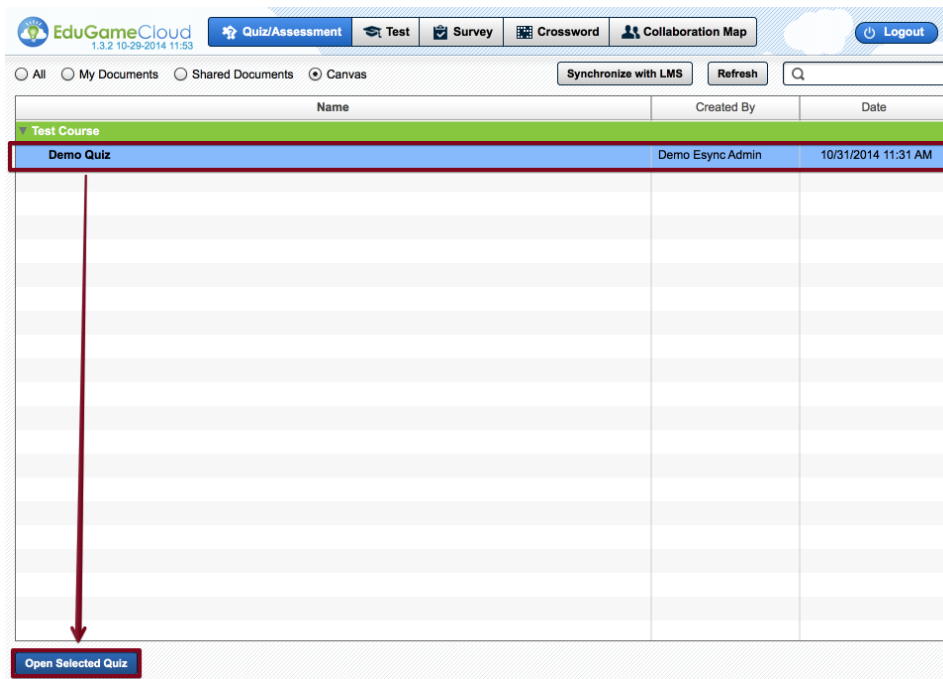
Navigate to *Quiz/Assessment* or *Survey* tab and select the **Moodle** radio-button and click on the **Synchronize with LMS** button.



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

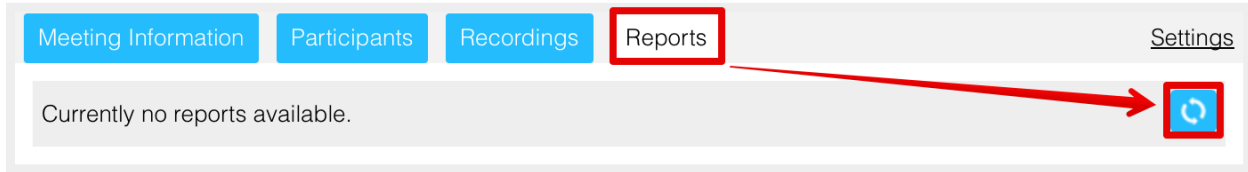
The 'Open Quiz: Demo Quiz' dialog box contains the following settings:

- 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 (spinner)
- Duration: 10 (spinner) (Minutes)
- Bypass Timer: ☐
- Remember my preferences: ☐
- Buttons: Cancel, Open (highlighted with a red box)

All participants should now see the quiz/survey.

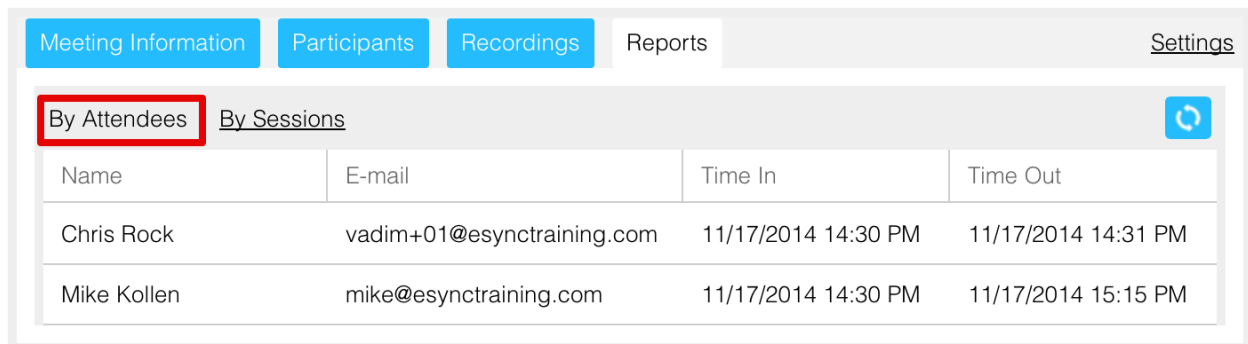
View Meeting Reports

Navigate back to Adobe Connect application in Moodle page, open the **Reports** tab and click on the **Refresh** icon to get the latest reports for this meeting.



The screenshot shows the 'Reports' tab selected in the top navigation bar. Below the tabs, a message states 'Currently no reports available.' To the right of this message is a blue circular refresh icon with a white circular arrow. A red arrow points from the 'Reports' tab to the refresh icon.

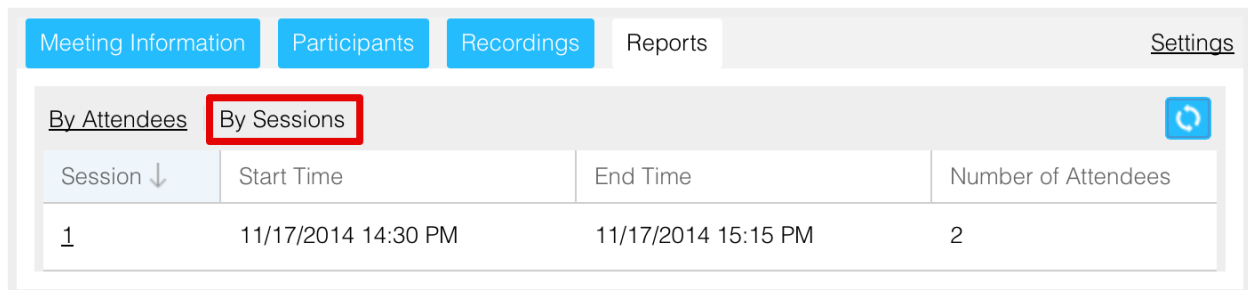
Teacher can obtain the information about each individual student who has participated in the meeting.



The screenshot shows the 'Reports' tab with the 'By Attendees' link highlighted. Below the links is a table with the following data:

Name	E-mail	Time In	Time Out
Chris Rock	vadim+01@esynctraining.com	11/17/2014 14:30 PM	11/17/2014 14:31 PM
Mike Kollen	mike@esynctraining.com	11/17/2014 14:30 PM	11/17/2014 15:15 PM

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



The screenshot shows the 'Reports' tab with the 'By Sessions' link highlighted. Below the links is a table with the following data:

Session ↓	Start Time	End Time	Number of Attendees
1	11/17/2014 14:30 PM	11/17/2014 15:15 PM	2

Getting Support

Email Support, please contact:

support@esynctraining.com and cc: qa@esynctraining.com

Emergency Phone Support:

714.979.4444