



&



**Blackboard**



Adobe Connect

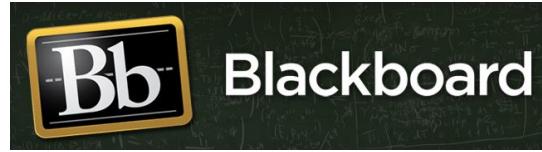
LTI Integration

**User Guide (Version 1.7.6)**



**eSyncTraining**

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## & Adobe Connect

User Guide  
Version 1.7.6

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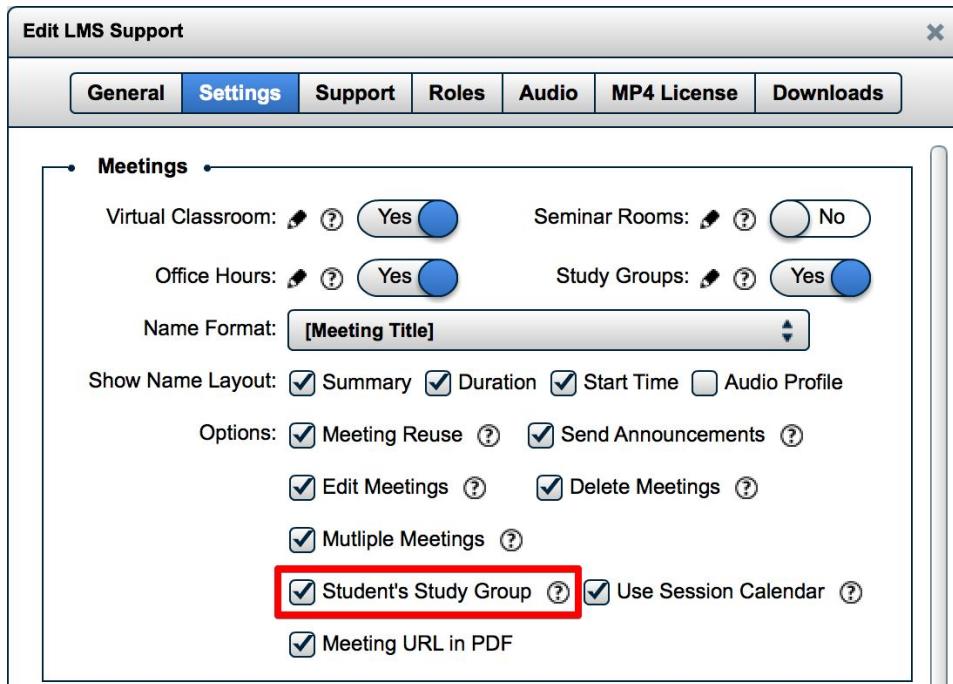
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## What's New In v1.7.5?

### Student's Study Group

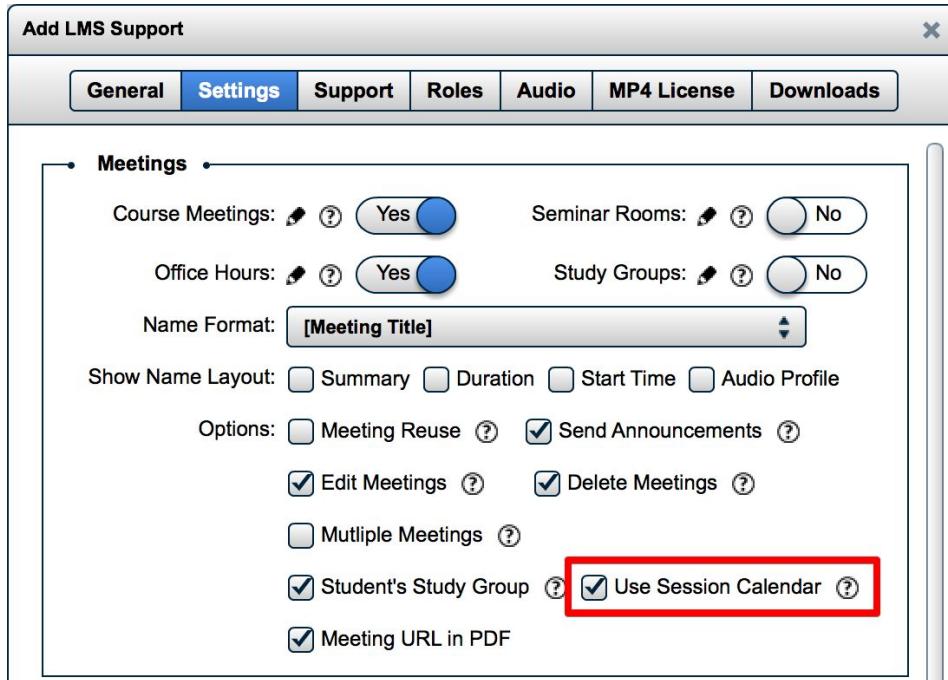
On the EduGame Cloud LMS license *Settings* page user can enable the *Student's Study Group* option.



This setting allows/prohibits students to create Study Groups in the *Adobe Connect LTI*. Teachers aren't affected by this setting.

## Meetings Sessions Support

On the EduGame Cloud LMS license *Settings* page user can enable the **Use Session Calendar** option.



This setting allows teachers to create *Meetings Sessions*.

Open the *Adobe Connect LTI* and click on the **Add Meeting** button, fill in all the required information to go to the next *Calendar Events* tab.

When creating a meeting select the **Generate Sessions** checkbox. Teacher is able to set *Start Time*, *Duration* and frequency of the Sessions.

## Adobe Connect

**Settings:** Change

**Help:** User Guide | EduGame Cloud

[Meetings List](#) > **Virtual Classroom 102: Meeting Sessions**

Information    Meeting Sessions    Participants

**Generate Sessions**

Start Time: 10-24-2016 01:30 PM

Duration: 01:00

Days Class Meets:

Sunday  Monday  Tuesday  Wednesday  
 Thursday  Friday  Saturday

Week(s): 1

---

[Back](#) [Finish](#) [Next](#)

Thereafter, new Session can be added by selecting the **New Session** link from the Gear icon menu next to the meeting.

## Adobe Connect

**Settings:** Change

**Help:** User Guide | EduGame Cloud

The screenshot shows the 'Course Meetings' section of the Adobe Connect interface. It lists two previous sessions: 'Virtual Classroom 102' and 'Virtual Classroom 102 #1'. Below these, there are two more entries: 'Virtual Classroom 102 #2' and 'Virtual Classroom 102 #3'. To the right of the list is a context menu with options: 'Join', 'Settings' (with a gear icon), 'New Session' (which is highlighted with a red box), 'Edit', and 'Delete'. A blue 'Add Meeting' button is located at the top right of the list area.

Teacher can add *Name*, *Summary* and set *Start/End Time* of the Session.

## Adobe Connect

**Settings:** Change

**Help:** User Guide | EduGame Cloud

[Meetings List](#) > **New Meeting Session: Information**

The screenshot shows the 'Information' tab of the 'New Meeting Session' form. It contains fields for 'Name' (a simple text input field), 'Summary' (a larger text area), 'Start Time' (set to 10/24/2016 at 01:30 PM), and 'End Time' (set to 10/24/2016 at 02:30 PM). At the bottom of the form are 'Cancel' and 'Save' buttons.

# Course Administrator Guide

## Add Adobe Connect LTI Link to the Course

On the *Home* screen navigate to **System Admin** tab.

Click on the **Course Settings** link.

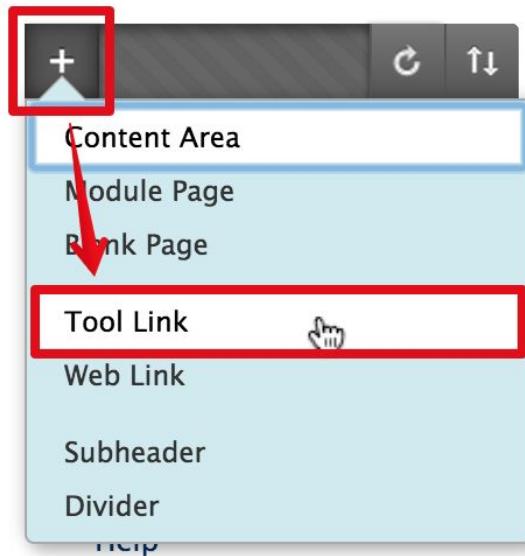
The screenshot shows the Blackboard Learn Administrator Panel. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box and has a red arrow pointing towards it from the text above. Below the navigation bar, the title "Administrator Panel" and "Blackboard Learn+ Release 9.1.140152.0" are displayed. On the right side, there is a user profile icon and some system information: "Products: Course Delivery, Community Engagement, Content Management", "Login: Mike Kollen (mike@esynctraining.com)", and "Theme: Bb Learn 2012". The main content area is divided into several sections:

- Users**: Includes links for Users, Customize User Information, Constituencies, System Roles, and Course/Department Roles.
- Help**: Includes links for Blackboard Help for Administrators, Behind the Blackboard™, Local Support Contact, On-Demand, and Blackboard Developer Network.
- Security**: Includes links for SSL Choice, Privileges, Session Fingerprint Settings, Gateway Options, Alternate Domain for Serving Content, Safe HTML Filters, and Input Validation Filter.
- Courses**: Includes links for Courses, Course Settings (which is highlighted with a red box and has a red arrow pointing to it), Course Catalog, and Move Files to Course Files.
- Cloud Management**: Includes links for Software Updates, Cloud Connector, xpLor Settings, and Partner Cloud Settings.
- Building Blocks**: Includes links for Data Integration and Authentication.

Click on the **Course Menu and Structures** link.

The screenshot shows the 'Course Settings' page. At the top right, there is a section titled 'Course Menu and Structures' with a red box drawn around it. Below this, there are three other sections: 'Default Course Properties', 'Course Images', and another 'Course Menu and Structures' section which is also highlighted with a red box. The text in the middle section reads: 'Define a default Course Menu for new courses and manage the availability of course structures.'

In the *Create Default Menu* section click on the + icon and select the **Tool Link** option.



Enter the **Name**, select the correct **Type** from the drop-down menu, select the **Available to Users** checkbox and click on the **Submit** button.

The screenshot shows the 'Add Tool Link' dialog box. It contains fields for 'Name' (set to 'Adobe Connect'), 'Type' (set to 'Adobe Connect LTI'), and a checked 'Available to Users' checkbox. At the bottom are 'Cancel' and 'Submit' buttons. A red box highlights the 'Available to Users' checkbox.

On the **Home** screen click on **Launch the Course Creation Wizard** link.

The screenshot shows the Blackboard Home screen. At the top, there is a header bar with the text "Course Creation Wizard". Below this, a large button contains the text "Create courses using an easy step-by-step wizard approach." and a prominent blue button labeled "Launch the Course Creation Wizard." The "Launch the Course Creation Wizard" button is highlighted with a red rectangular border.

Run through the wizard and create a course.

On the **Home** screen navigate to **Courses** tab. Select the required course from the list.

The screenshot shows the Blackboard Courses tab selected. On the left, there is a "Course List" panel which displays two courses: "spanish101: Spanish Course" and "101: ACP 101". A red arrow points from the text "spanish101: Spanish Course" to the course name in the list. On the right, there is a "Course Catalog" panel with a "Browse Course Catalog" button.

On the **Course Home Page** click on **Adobe Connect** link to open the application.

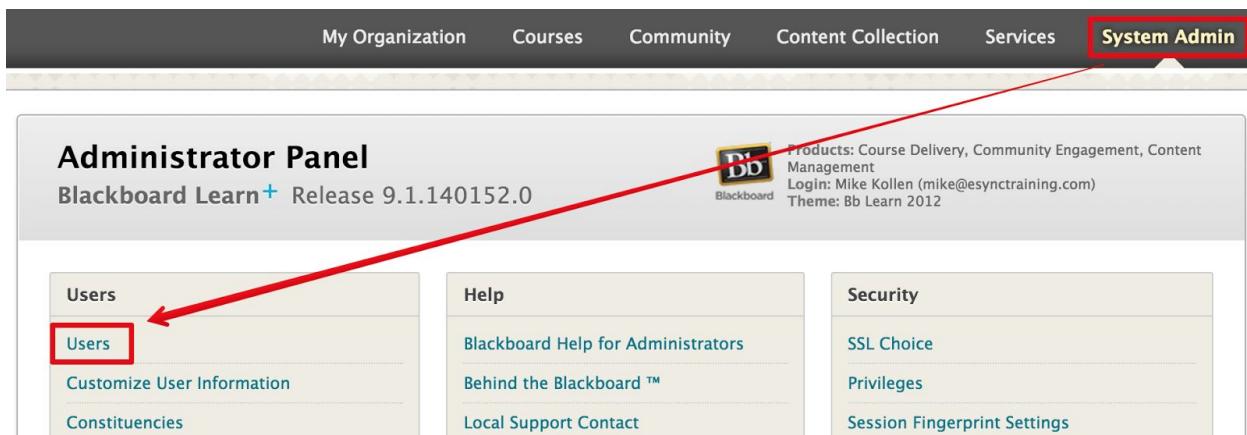
The screenshot shows the Blackboard Course Home Page for the "Spanish Course". On the left, there is a sidebar with various links: "Home Page", "Information", "Content", "Discussions", "Groups", "Tools", "Help", and "Adobe Connect". The "Adobe Connect" link is highlighted with a red rectangular border. The main content area shows a "Home Page" with a "Add Course Module" button, a "My Announcements" section with "No Courses" listed, and a "My Tasks" section with "My Tasks:" listed.

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

## Add a New User to Your Blackboard Account

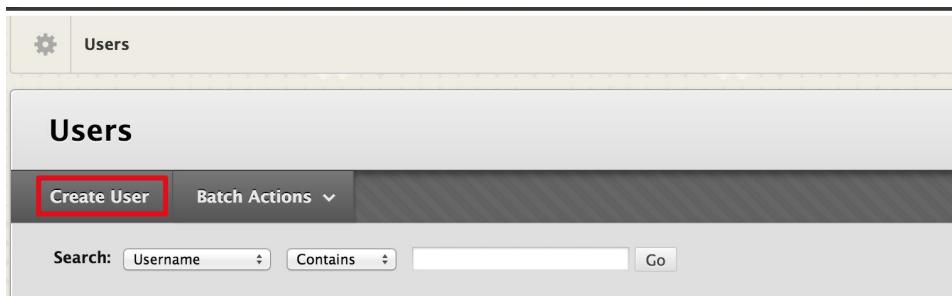
On the *Home* screen navigate to **System Admin** tab.

Click on the **Users** link.



The screenshot shows the Blackboard Learn Administrator Panel. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box and has a red arrow pointing to it from the previous step. Below the navigation bar is the Blackboard logo and some system information: Products: Course Delivery, Community Engagement, Content Management; Login: Mike Kollen (mike@esynctraining.com); Theme: Bb Learn 2012. The main content area is titled "Administrator Panel" and "Blackboard Learn + Release 9.1.140152.0". It contains three columns: "Users" (with a red box around the "Users" link, which has a red arrow pointing to it), "Help" (with links to Blackboard Help for Administrators, Behind the Blackboard™, and Local Support Contact), and "Security" (with links to SSL Choice, Privileges, and Session Fingerprint Settings).

Click on the **Create User** button.



The screenshot shows the "Users" page in the Blackboard Learn administrator interface. At the top left is a gear icon and the word "Users". Below that is a header bar with "Create User" (highlighted with a red box) and "Batch Actions". A search bar at the bottom left includes fields for "Username" and "Contains" with a dropdown arrow, and a "Go" button. The main content area is currently empty, showing the heading "Users".

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

**Create User**

*Information about users is stored in a User Profile. It is possible to set which the fields of data in the User Profile are displayed to users and which are editable by users. [More Help](#)*

\* Indicates a required field.

**PERSONAL INFORMATION**

Title	<input type="text"/>
* First Name	<input type="text"/>
Middle Name	<input type="text"/>
* Last Name	<input type="text"/>
Suffix	<input type="text"/>
Other Name	<input type="text"/>
Email	<input type="text"/>
Learner ID	<input type="text"/>

**ACCOUNT INFORMATION**

* Username	<input type="text"/>
* Password	<input type="text"/>
* Verify Password	<input type="text"/>

## Enroll Users to the Course

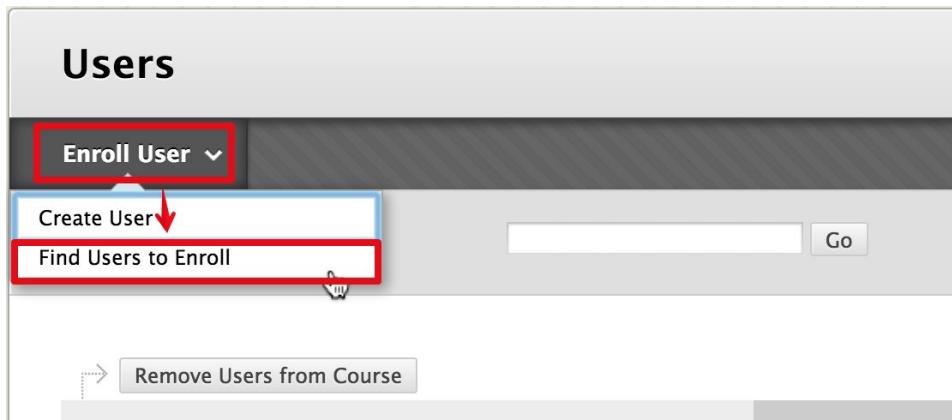
On the *Home* screen navigate to **Courses** tab. Select the required course from the list.

The screenshot shows the Blackboard Home screen. At the top, there is a navigation bar with tabs: My Organization, Courses (which is highlighted with a red box), Community, Content Collection, Services, and System Admin. Below the navigation bar, there are two main sections: "Course List" on the left and "Course Catalog" on the right. The "Course List" section contains a list of courses where the user is an instructor. One course, "spanish101: Spanish Course", is highlighted with a red box and has a red arrow pointing to it from the text above. Other courses listed include "101: ACP 101". The "Course Catalog" section has a button labeled "Browse Course Catalog".

On the *Course Home Page* click on **Users** link.

The screenshot shows the "Spanish Course" Home Page. On the left, there is a sidebar with various course management links. Under "Users and Groups", the "Users" link is highlighted with a red box. The main content area is titled "Home Page" and includes sections for "Add Course Module", "My Announcements" (which states "No Course or Department Announcements have been posted in this course"), and "My Tasks".

Click on the **Enroll User** button and from the drop-down menu select the **Find Users to Enroll** option.



Enter the required **Username** and click on the **Submit** button.

A screenshot of a 'ENROLL USERS' form. The form has a header that says 'Enter one or more Usernames. Separate multiple Usernames with commas. Click **Browse** to search.' Below this, there is a field labeled 'Username' with a red asterisk (\*) next to it, indicating it is a required field. The field is empty and highlighted with a red box. To the right of the field is a 'Browse...' button. Below the 'Username' field is a 'Role' dropdown menu set to 'Learner'. Underneath the 'Role' field is a section for 'Enrollment Availability' with two radio buttons: 'Yes' (selected) and 'No'. At the bottom of the form, there is a note: 'Click **Submit** to proceed. Click **Cancel** to go back.' A red arrow points from the 'Find Users to Enroll' step in the previous screenshot to the 'Submit' button on this form. The 'Submit' button is highlighted with a red box.

# Create a New Adobe Connect Meeting

On the *Home* screen navigate to **Courses** tab. Select the required course from the list.

The screenshot shows the Adobe Connect Home screen. At the top, there is a navigation bar with tabs: My Organization, Courses (which is highlighted with a red box), Community, Content Collection, Services, and System Admin. Below the navigation bar, there are two main sections: "Course List" on the left and "Course Catalog" on the right. The "Course List" section contains a list of courses where the user is an instructor. One course, "spanish101: Spanish Course", is highlighted with a red box. The "Course Catalog" section has a "Browse Course Catalog" button. A red arrow points from the text "Select the required course from the list." to the "spanish101: Spanish Course" entry in the Course List.

On the *Course Home Page* click on **Adobe Connect** link to open the application.

The screenshot shows the "Home Page" of a course. On the left, there is a sidebar with various links: Spanish Course (expanded), Home Page, Information, Content, Discussions, Groups, Tools, Help, and Adobe Connect (which is highlighted with a red box). The main content area is titled "Home Page" and contains sections for "Add Course Module", "My Announcements" (with a message "No Courses"), and "My Tasks".

Click on the **Add Meeting** button.

**Meetings List**

The screenshot shows the "Meetings List" page. It has a header with "Course Meetings" and "Settings". Below that, there is a message: "Currently there are no meetings. Please add." To the right of this message is a blue "Add Meeting" button.

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:

Summary:

Start Time:

Duration:

Access:

Only registered users  
 Registered users and accepted guests  
 Anyone who has the URL for the meeting

Cancel Save Next

Map Blackboard 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**

The screenshot shows a web-based application for mapping Blackboard users to Adobe Connect roles. The interface is divided into two main sections: 'Blackboard Available Users' on the left and 'Adobe Connect Participants' on the right. At the bottom, there are several action buttons.

**Blackboard 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

**Action Buttons:**

- Sync Users
- Add
- Set User Role (dropdown menu)
- Remove

Default LMS to Adobe Connect roles mapping:

LMS	Adobe Connect
Course Builder	Presenter
Evaluator	Presenter
Instructor	Host
Learner	Participant
Teaching Assistant	Presenter
Guest	Participant

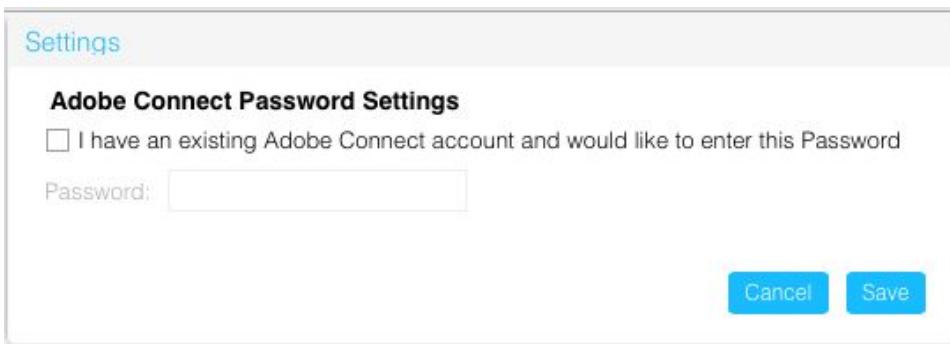
Click on the **Finish** button to complete the process.

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

**Meetings List**



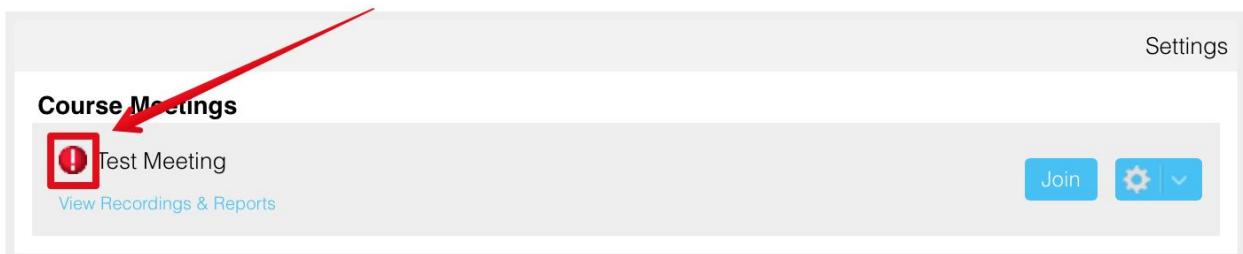
Mark the check-box confirming that you have an Adobe Connect account created using the same email as in Blackboard, enter your Adobe Connect password and click Save button to use this account.



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.

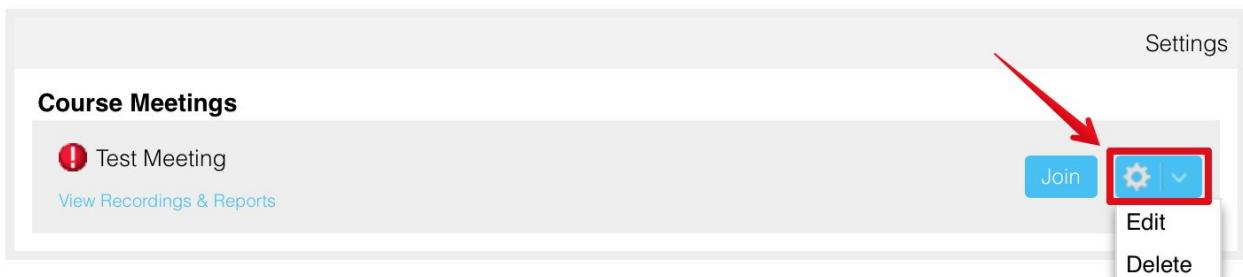
If a student adds late to the course, *Alert* icon will appear next to the meeting name in the **Meeting Information** tab.

**Meetings List**



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

**Meetings List**



Navigate to the **Participants** tab and observe the **Blackboard 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 'Participants' tab in the 'Meetings List'. At the top, there are three tabs: 'Meeting Information' (highlighted in blue), 'Participants' (selected), and 'Settings'. The 'Participants' section is divided into two main sections: 'Blackboard Available Users (5)' on the left and 'Adobe Connect Participants (4)' on the right.

**Blackboard Available Users (5):**

- Student (4)
  - Vadim Adashkevich
  - Paul Green ●
  - Melissa Sieben
  - Kelsea Tower
- Teacher (1)
  - Mike Kollen

**Adobe Connect Participants (4):**

- Host (1)
  - Mike Kollen
- Participant (3)
  - Vadim Adashkevich
  - Melissa Sieben
  - Kelsea Tower

At the bottom of the interface, there are several buttons: a Refresh icon, a 'Sync Users' button (which is highlighted with a red box), 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 Blackboard Available Users list by clicking on the **Refresh** button.

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

The screenshot shows a software interface with a navigation bar at the top. The 'Meetings List' tab is highlighted with a red border and a red arrow points to the 'Participants' tab next to it. Below the navigation bar, there are two sections: 'Blackboard Available Users (5)' and 'Adobe Connect Participants (4)'. Under 'Blackboard Available Users', there are two categories: 'Student (4)' and 'Host (1)'. The 'Meeting Information' tab is also visible in the navigation bar.

Category	Count
Blackboard Available Users	5
Adobe Connect Participants	4

Meeting Information

Participants

Blackboard Available Users (5)

Adobe Connect Participants (4)

Student (4)

Host (1)

Meetings List > Participants

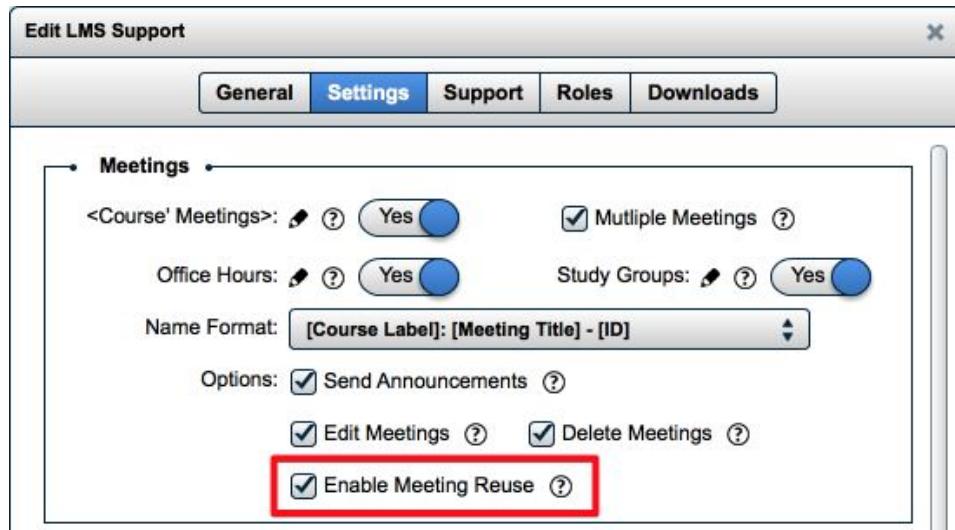
Meeting Information

Participants

Setting

## Meeting Reuse (Optional)

On the EduGame Cloud LMS license *Settings* page user can enable the **Meeting Reuse** option.



This setting allows teacher to reuse meetings that already exist in Adobe Connect.

Open the *Adobe Connect LTI* and click on the **Add Meeting** button, open the **Use Existing Meeting** tab and search for the required meeting.

Select the required meeting from the list, choose the how you want to add participants:

- **Clean** option will overwrite existing participants in the meeting with users enrolled in the current course
- **Merge** option will add users enrolled in the current course to existing participants in the meeting

Click on the **Next** button.

The screenshot shows the 'Meeting Information' tab selected in the top navigation bar. A search bar contains the text 'marketing'. The 'Participants' section shows a list of meetings. The 'Merge' radio button is selected. The meeting '[24] USD Marketing 101' is highlighted with a red box and numbered '3.'. The 'Next' button at the bottom is also highlighted with a red box and numbered '5.'.

Meetings List > **Meeting Information**

Meeting Information Participants

select Create New Meeting or search for and Use Existing Meeting

Create New Meeting **Use Existing Meeting** 1.

marketing 2.

Participants:  Clean  Merge 3.

Name	Url
[154] Marketing 101 - Virtual Classroom	/r64u296mjqj/
[157] Virtual Classroom M1 Marketing	/r3pzmt4grw6/
[24] USD Marketing 101	/r6dcbpbasi1/
[59] Marketing 101	/r6k2s6kf608/
28 [USD] USD Marketing	/r57van6ei4o/
30 [BC] BC Marketing	/r7kl5q7mexb/
35 [Marketing] Recording Test	/r4jrjvi6549/

Cancel Save **Next** 5.

Created by eSyncTraining

Review the participants and click on the **Save** button to complete the process.

## Adding Guests to Meeting

Open the *Adobe Connect LTI* and click on the **Gear** icon and select **Edit** from the dropdown list.

**Meetings List**



Navigate to the **Participants** tab and click on the **Add Guest** button.

**Meetings List > Participants**

A screenshot of the 'Participants' tab. At the top, there are tabs for 'Meeting Information' and 'Participants', with 'Participants' being the active tab. On the far right is a 'Settings' button. The main area is divided into two sections: 'LMS Available Users (4)' on the left and 'Adobe Connect Participants (4)' on the right. Both sections show lists of users with checkboxes next to their names. Below these sections are two search input fields labeled 'Search' and a row of buttons: a refresh icon, 'Sync Users', 'Add', 'Add Guest' (which is highlighted with a red box), 'Set User Role', and 'Remove'. A large red arrow points from the 'Add Guest' button in the 'Participants' tab back up to the 'Edit' button in the 'Meetings List' interface above.

Teachers can add guest either by *Creating a New User* or by *Searching for an Existing User* in Adobe Connect.

To add a *New User* fill in all the required information on the **Add Guest** tab and click on the **Save** button.

New user will be created in Adobe Connect and added to the meeting.

**Add Guest**

Please either create a New User or search for an Existing User

**Add Guest | Add Existing User**

**New User Information**

First Name:

Last Name:

E-mail:

User Role:  ▼

**Login and Password**

Login:

New Password:

Retype Password:

E-mail the new user account information, login and password

Cancel Save



To add an *Existing User* in Adobe Connect search for the user on the **Add Existing User** tab, select the required user from the list and click on **Save with Role** button and select the required role for this user.

Selected user from Adobe Connect will be added to the meeting.

The screenshot shows the 'Add Guest' dialog in Adobe Connect. At the top, there are two tabs: 'Add Guest' (highlighted in blue) and 'Add Existing User'. Below the tabs, a search bar contains the name 'Stan'. A 'Search' button is to the right of the search bar. The main area displays a list of users found in the search results. The first user listed is 'Stan Instru...' with the email 'stan+instructor@esynctraining.com'. The second user listed is 'Stan Student' with the email 'stan+student@esynctraining.com'. This second user is highlighted with a red box. A large red arrow points from this highlighted user to the 'Save with Role' dropdown menu. The 'Save with Role' menu is also highlighted with a red box and contains three options: 'Participant', 'Presenter', and 'Host'. At the bottom of the dialog, there are buttons for 'Cancel' and 'Save with Role'.

Guest users should be marked with *Green Dot* icon in the *Adobe Connect Participants* list.

Meetings List > Participants

Meeting Information Participants Settings

LMS Available Users (4)	Adobe Connect Participants (5)
<input type="checkbox"/> Students (3) User icons: Kelsea Tower, Melissa Sieben, Paul Green <input type="checkbox"/> Teacher (1) User icon: Mike Kollen	<input type="checkbox"/> Host (1) User icon: Mike Kollen <input type="checkbox"/> Participants (4) User icons: Kelsea Tower, Melissa Sieben, Paul Green User icon: Stan Student (with green dot)

Search

 Sync Users Add Add Guest Set User Role Remove

## Seminars Support

On the EduGame Cloud LMS license *Settings* page user can enable the **Seminar Rooms** (default label, can be edited) option.



This setting allows teachers to create *Seminar Rooms* and *Sessions* in Adobe Connect.

Open the *Adobe Connect LTI* and observe the application.

To create a seminar room open the **Create** dropdown menu and select **Seminar Room** option.

The screenshot shows the Adobe Connect interface. At the top right, there is a 'Create' dropdown menu with 'Course Meeting' and 'Seminar Room' options, both highlighted with a red box. Below the header, there are sections for 'Course Meetings' and 'Seminar Rooms', each listing a test meeting with start and end times. There are 'Join' and 'Settings' buttons for each section.

Select the appropriate **Seminar License** from the dropdown menu, populate other required information and click on the **Next** button.

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

Adobe Connect

Meetings List > New Seminar Room: Information

Settings: Change Help: User Guide | EduGame Cloud

Information Participants

**Required**

Seminar License: Seminar License # 1287581127

Name:

Select Template:

**Optional**

Custom URL: <https://connect.esynctraining.com/> 

Summary:

Start Time: 03-31-2016  10:15 AM 

Duration: 01:00 

Access:

Only registered users

Registered users and accepted guests

Anyone who has the URL for the meeting

Review the participants and click on the **Save** button to complete the process.

To create a session click on the **Gear** icon to open dropdown menu next to appropriate seminar room and select **New Session** option.

## Adobe Connect

Settings: Change

Help: User Guide | EduGame Cloud

Seminar License # 1287581127 [Create](#) |

**Course Meetings**

Course Meeting Test  
Start Time: 03/31/16 10:00 AM Duration: 1:00  
[Recordings](#) | [Reports](#)

**Seminar Rooms**

Seminar Room Test  
Start Time: 03/31/16 10:00 AM Duration: 1:00  
[Recordings](#) | [Reports](#)

[New Session](#)  
[Edit](#)  
[Delete](#)

Populate the required information and click on the **Save** button.

## Adobe Connect

[Meetings List](#) > **New Seminar Session: Information**

**Settings:** Change

**Help:** User Guide | EduGame Cloud

Information

Name:			
Summary:			
Start Time:	03-31-2016		10:15 AM
Duration:	01:00		

---

[Cancel](#) [Save](#)

**\*NOTE:** Error message will occur in case when the selected *Start Time* is already in use by another session.

## Create an Office Hours Meeting (Optional)

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

### Meetings List

The screenshot shows a user interface for managing meetings. At the top right is a "Settings" button. Below it are three main sections: "Course Meetings", "Office Hours", and "Study Groups".

- Course Meetings:** Contains a single meeting entry: "Test Meeting". To its right are "Join" and "Settings" buttons.
- Office Hours:** Displays the message "Currently there are no meetings. Please add." To its right is a prominent "Add Meeting" button, which is highlighted with a red border.
- Study Groups:** Displays the message "Currently there are no meetings. Please add." To its right is an "Add Meeting" button.

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)

**Study Groups** option should be activated on the EduGame Cloud LMS license Settings page.



Open the *Adobe Connect LTI* and observe the *Study Groups* section.

Teachers can create multiple *Study Groups* as well as **Edit / Delete** student's *Study Groups* regardless of whether they are participants in the meeting or not.

### Meetings List

The screenshot shows the 'Meetings List' interface. It includes sections for 'Course Meetings' (with a 'Test Meeting' entry) and 'Study Groups'. The 'Study Groups' section lists 'Paul's Study Group' and 'Vadim's Study Group', each with 'Recordings | Reports' links. To the right of the 'Study Groups' list is a context menu with 'Add Meeting', 'Edit' (highlighted with a red box), and 'Delete' options. A red arrow points from the text above to the 'Edit' button in this menu. The 'Settings' tab is visible at the top right.

To create a Study Group meeting click on the **Add Meeting** button in the *Study Group* section.

#### Meetings List

The screenshot shows a user interface for managing meetings. At the top right is a "Settings" link. Below it are three main sections: "Course Meetings", "Office Hours", and "Study Groups".

- Course Meetings:** Contains a "Test Meeting" entry with "View Recordings & Reports" and "Join" buttons.
- Office Hours:** Contains "Mike Kollen's Office Hours (6pm-8pm)" with "View Recordings & Reports" and "Join" buttons.
- Study Groups:** Displays the message "Currently there are no meetings. Please add." and features a prominent "Add Meeting" button, which is highlighted with a red border.

Add Blackboard 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**

The screenshot shows a software interface for managing meeting participants. At the top, there are tabs: 'Study Group Information' (selected), 'Participants', and 'Settings'. Below the tabs, there are two main sections: 'Blackboard Available Users (5)' on the left and 'Adobe Connect Participants (1)' on the right.

**Blackboard 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

At the bottom of the interface are several buttons: a refresh icon, 'Sync Users', 'Add', 'Set User Role' (with a dropdown arrow), 'Remove', 'Back', and '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

The screenshot shows a user interface for managing meetings. At the top right is a 'Settings' icon. Below it, under 'Course Meetings', there is a 'Test Meeting' entry with a 'Join' button and a gear-and-down arrow icon. Under 'Office Hours', there is an entry for 'Mike Kollen's Office Hours (6pm-8pm)' with a 'Join' button and a gear-and-down arrow icon. Under 'Study Groups', there are two entries: 'Test Study Group' and 'Student's Study Group'. For the 'Test Study Group', there is a 'Join' button and a gear-and-down arrow icon. For the 'Student's Study Group', there is a 'Join' button and a 'Leave' button, which is highlighted with a red rectangular box.

## Blackboard Announcements

Announcements are used to communicate with students about the logistics of your course. As soon as you have created a Meeting, a new announcement will appear on the *Home* page for all attendees.

The screenshot shows the 'My Announcements' section of the Blackboard Home page. It displays three announcements:

- Announcements Test 003
  - A new Adobe Connect room was created for course Announcements Test 003
  - A new Adobe Connect room was created for course Announcements Test 003
  - A new Adobe Connect room was created for course Announcements Test 003
- Demo Course 4
  - A new Adobe Connect room was created for course Demo Course 4

At the bottom right, there is a link labeled "more announcements...".

Click on the **Announcement** and you will be navigated to the Course Announcement page.

Click on the **Adobe Connect** link to navigate to the Adobe Connect LTI application to join the meeting.

The screenshot shows the 'Announcements' page for 'Demo Course 4'. It displays one announcement:

A new Adobe Connect room was created for course Demo Course 4  
Posted on: Tuesday, June 9, 2015 7:50:23 AM PDT

Meeting "Nastya test meeting" will start 2015-06-09 at 05:48 PM. Its duration will be 01:00. You can join it in your [Adobe Connect Conference section](#).

On the right side, there is a sidebar with the following information:  
Posted by: Blackboard Administrator  
Posted to: Demo Course 4

# Adobe Connect Recordings

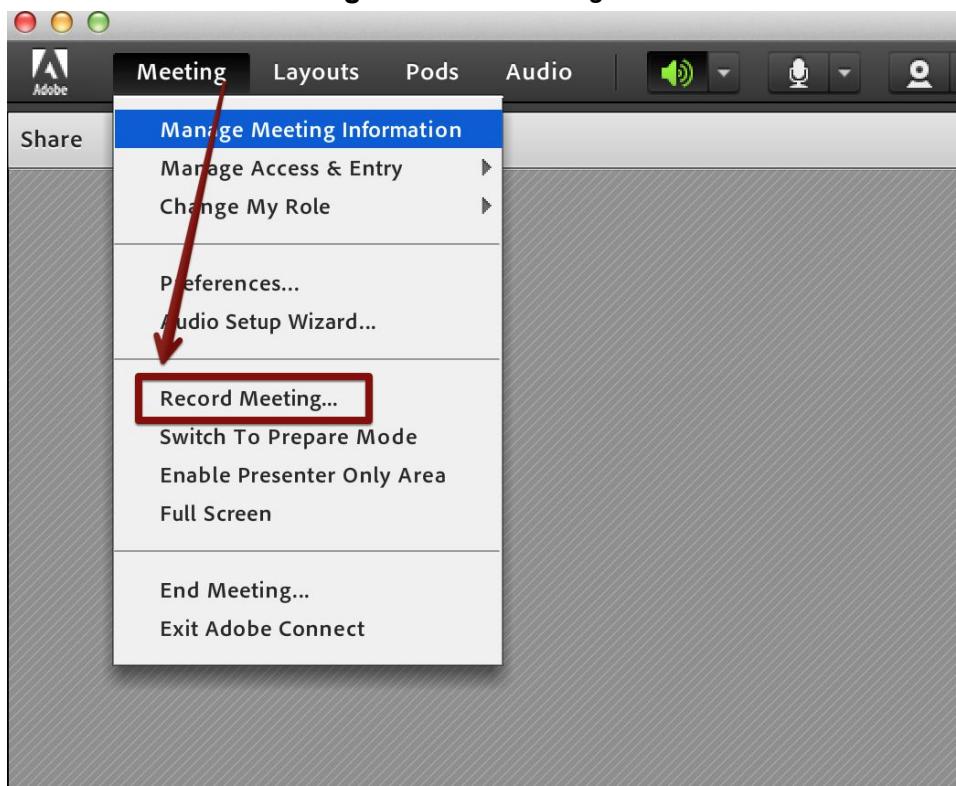
## Record the Meeting

Join the meeting.

Meetings List

The screenshot shows the 'Meetings List' section of the Adobe Connect interface. At the top right is a 'Settings' button. Below it, under 'Course Meetings', is a listing for 'Test Meeting'. To the right of the meeting name are 'Join' and 'Settings' buttons. Below the meeting listing is a link 'View Recordings & Reports'.

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



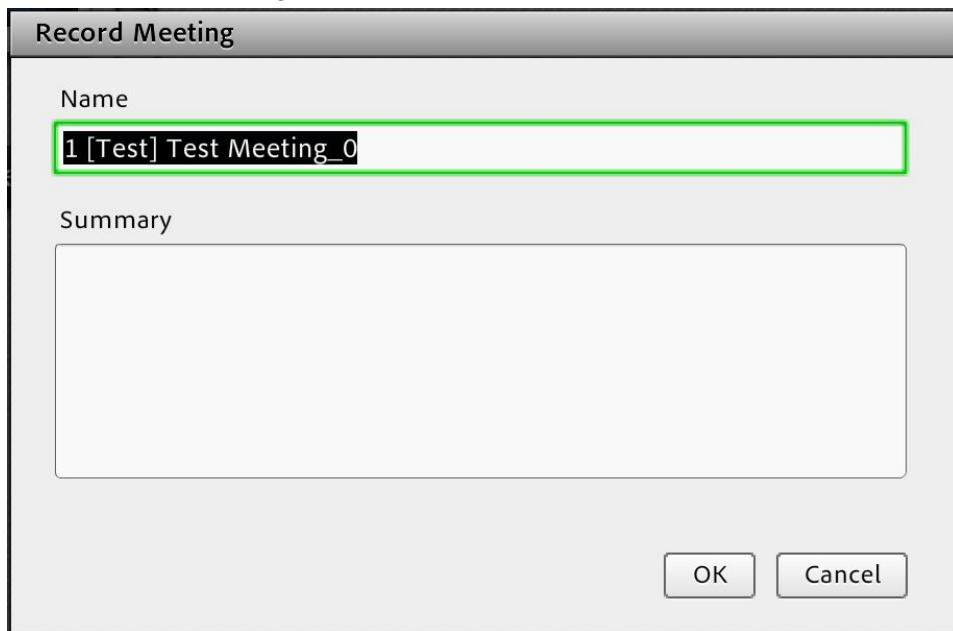
Populate the following form and click on the **OK** button to start the recording.

Record Meeting

Name  
1 [Test] Test Meeting\_0

Summary

OK Cancel



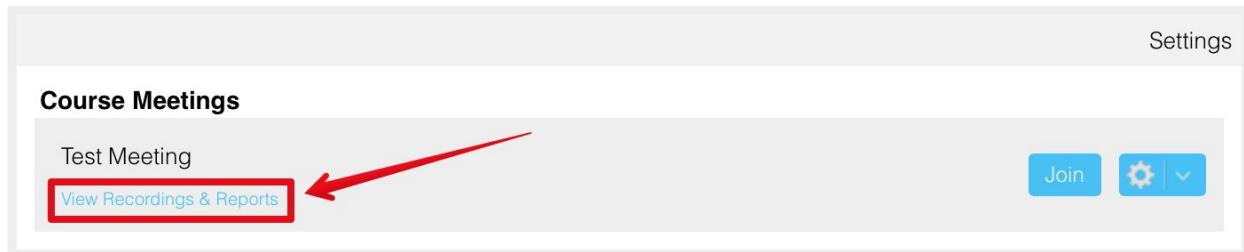
When the recording is done click on the **Stop Recording** button under the *Record Meeting* icon in the top right corner.



## View / Watch Recordings

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

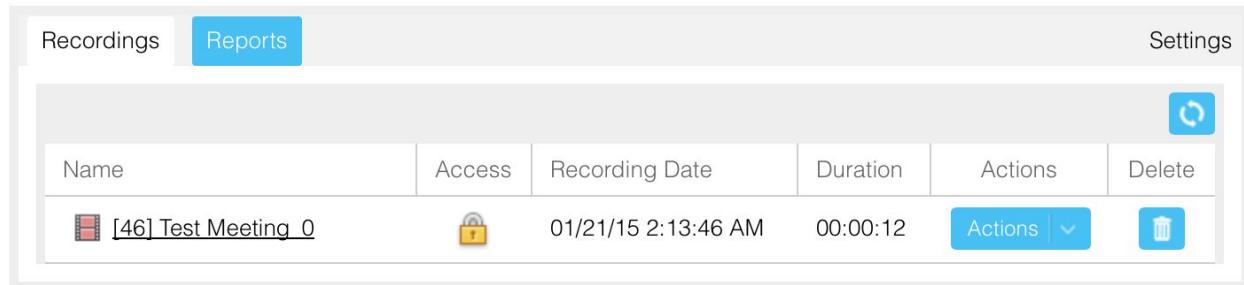
Meetings List



The screenshot shows the 'Meetings List' interface. At the top right is a 'Settings' icon. Below it, under 'Course Meetings', is a list item 'Test Meeting'. To the right of this item are three buttons: 'Join', a gear icon, and a dropdown menu. A red arrow points from the text above to the 'View Recordings & Reports' button, which is highlighted with a red box.

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

Meetings List > Recordings



The screenshot shows the 'Recordings' tab selected in the 'Meetings List' interface. At the top right is a 'Settings' icon. Below it is a table with the following data:

Name	Access	Recording Date	Duration	Actions	Delete
[46] Test Meeting_0	🔒	01/21/15 2:13:46 AM	00:00:12		

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*, *Make FLV* and *Make MP4*.

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

The screenshot shows a table of recordings. The columns are: Name, Access, Recording Date, Duration, Actions, and Delete. A recording titled "[46] Test Meeting\_0" is selected. An "Actions" button with a dropdown arrow is highlighted with a red box. A context menu is open, listing: Edit Recording, Share, and Make FLV.

- 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.

This dialog box displays the recording URL and access settings. It includes fields for changing access type (Private selected), entering a passcode (optional), and buttons for Cancel and 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.
- 4) Selecting **Make MP4** option you will be asked to choose a place on your hard drive and the recording will be saved in MP4.

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

## MP4 Conversion

***\*\*This is an add-on feature, and a license must be purchased separately\*\****

Navigate to **Adobe Connect LTI** application and click on the *Recordings* link.

Adobe Connect

Settings: Change

Help: User Guide

### Course Meetings

Test Meeting

Recordings Reports

Join



Open the **Actions** drop-down menu located next to required recording and select one of the options: *Make MP4* or *Make MP4 with Subtitles*.

Adobe Connect

Settings: Change

Help: User Guide

Meetings List > Test Meeting: Recordings

Recordings

Reports

Name

Access

Recording Date

Duration

Actions

Test Meeting\_0



03/03/2016 03:09:00 AM

00:13:03

Actions



Edit Recording

Share

Make Offline

Make MP4

Make MP4 with Subtitles

**MP4 Status** should be shown at the time the job passes through different stages of conversion.

## Adobe Connect

**Settings:** Change

**Help:** User Guide

Meetings List > **Test Meeting: Recordings**

The screenshot shows a list of recordings. One entry is highlighted with a red box around its status indicator. The entry details are as follows:

Name	Access	Recording Date	Duration	Actions
Test Meeting_0		03/03/2016 03:09:00 AM	00:13:03	

Below the table, the status "MP4 status: Pending" is displayed, also enclosed in a red box.

Once the job is done *Play* and *Edit* buttons should appear.

## Adobe Connect

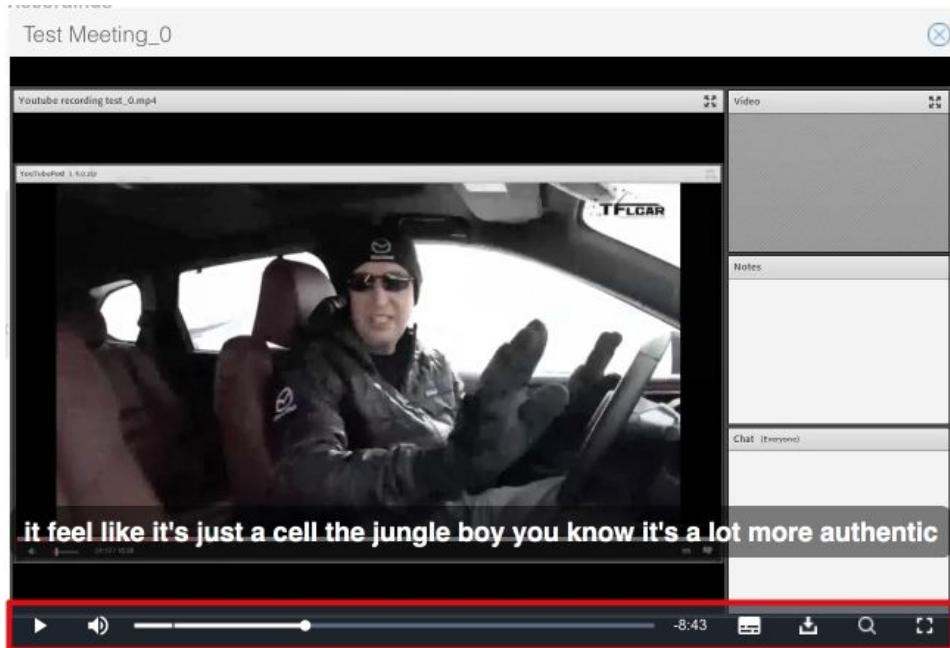
**Settings:** Change

**Help:** User Guide

Meetings List > **Test Meeting: Recordings**

The screenshot shows the same list of recordings. The same meeting entry from the previous screenshot now has "Play" and "Edit" buttons next to the "Actions" button. These buttons are highlighted with a red box.

Click on the **Play** button next to appropriate MP4 file to view it in **Player** application.



Available functionality:

- Play/Pause
- Volume control
- Subtitles On/Off
- Download MP4/Subtitles
- Search within the subtitles
- Full Screen mode

Click on the *Edit* button next to appropriate Transcript file to view/edit it in **CC Editor** application.

Time	Text
00:00:11.003 --> 00:00:14.007	the two thousand sixteen months those three acts
00:00:14.007 --> 00:00:16.058	nine and coming up next everything you wanted now
00:00:37.087 --> 00:00:41.039	what are we looking like an entirely different nine
00:00:41.075 --> 00:00:44.078	this is entirely different six nine so our old the previous
00:00:44.078 --> 00:00:48.016	six nine had a big three point seven liter V. six in it and
00:00:48.016 --> 00:00:49.041	now we have a remarkably
00:00:54.069 --> 00:00:58.041	dramatically better feeling engines
00:00:58.008 --> 00:01:01.034	is high compression change from
00:01:01.034 --> 00:01:01.062	the
00:01:02.009 --> 00:01:05.023	naturally aspirated engine versus this one yeah so this is this
00:01:05.023 --> 00:01:08.028	is based on the same engine family that we in this activity families
00:01:08.037 --> 00:01:12.079	wrestler cars what sort of course to
00:01:12.079 --> 00:01:16.019	handle the really high work out what they were going to make Uh so
00:01:16.048 --> 00:01:19.063	are naturally aspirated engines or thirteen to one compression you always
00:01:19.063 --> 00:01:22.098	have to lower the compression ratio on a on a turbo engine because were pumping
00:01:22.098 --> 00:01:26.007	so much more pressure and heat into the question chamber
00:01:26.071 --> 00:01:29.082	but we managed to maintain a ten a half to one compression which is still very
00:01:29.082 --> 00:01:33.003	hyper turbo engine and we because we tune

Available functionality:

- Undo/Redo changes
- Find and Replace text within the transcript
- Spelling check
- Table/Page view

Edit required lines and click on the **Save** button to store the changes.

In order to download MP4 or Transcript files, open the **Actions** drop-down menu located next to required recording and select one of the options: *Download MP4* or *Download Transcript*.

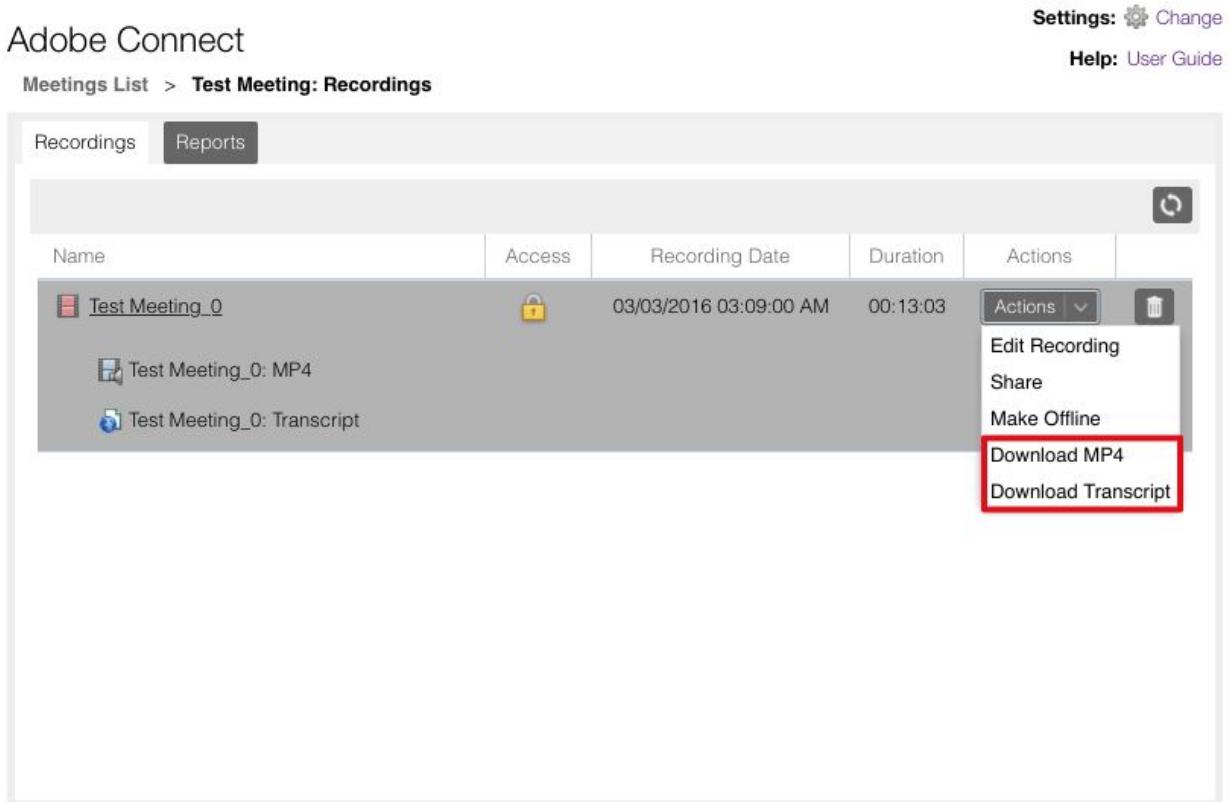
Adobe Connect

Meetings List > **Test Meeting: Recordings**

Recordings Reports

Settings: Change Help: User Guide

Name	Access	Recording Date	Duration	Actions
Test Meeting_0	🔒	03/03/2016 03:09:00 AM	00:13:03	<b>Actions</b> ▾
Test Meeting_0: MP4				Edit Recording
Test Meeting_0: Transcript				Share
				Make Offline
				<b>Download MP4</b>
				<b>Download Transcript</b>



## View Meeting Reports

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

**Meetings List**

The screenshot shows the 'Meetings List' interface. At the top, there's a 'Course Meetings' section with a 'Test Meeting'. Below it is a button labeled 'View Recordings & Reports'. A red box highlights this button, and a red arrow points to it from the left. To the right of the button are 'Join' and 'Settings' buttons.

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**

The screenshot shows the 'Reports' interface. It has tabs for 'Recordings' and 'Reports', with 'Reports' selected. Below are two buttons: 'By Attendees' (highlighted with a red box) and 'By Sessions'. A refresh icon is also present. The main area displays a table of participant information:

Name	E-mail	Time In	Time Out
Vadim Adashkevich	vadim@esynctraining.com	01/21/2015 1:13 PM	01/21/2015 1:14 PM
Mike Kollen	mike@esynctraining.com	01/21/2015 1:03 PM	01/21/2015 1:14 PM
Mike Kollen	mike@esynctraining.com	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**

The screenshot shows the 'Reports' interface with the 'By Sessions' tab selected (highlighted with a red box). Below are two buttons: 'By Attendees' and 'By Sessions'. A refresh icon is also present. The main area displays a table of session information:

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

Information is available about each individual user who has viewed/watched the recording.

## Adobe Connect

Settings: Change

Help: [User Guide](#)

[Meetings List](#) > **Virtual Class Meeting: Reports**

Recordings Reports

By Attendees | By Sessions **By Recordings**

Group by: Title | Name



Recording Title	Name	Time In	Time Out	Total Time Viewed
Virtual Class Meeting_1	John Doe	07/04/16 12:22 PM	07/04/16 12:30 PM	00:07:34
Virtual Class Meeting_0	Paul Smith	07/04/16 11:43 AM	07/04/16 11:44 AM	00:00:45

Results can be grouped by recording *Title* or *Name*.

Teachers are able to download reports as PDF and/or Excel files.

Click on the *Download* icon. Select the required file format to be downloaded.

## Adobe Connect

Help: [User Guide](#) | EduGame Cloud

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

Recordings Reports

Settings

By Attendees | By Sessions

Time In

Time Out

Duration



Mike Kollen, mike@esynctraining.com (1)

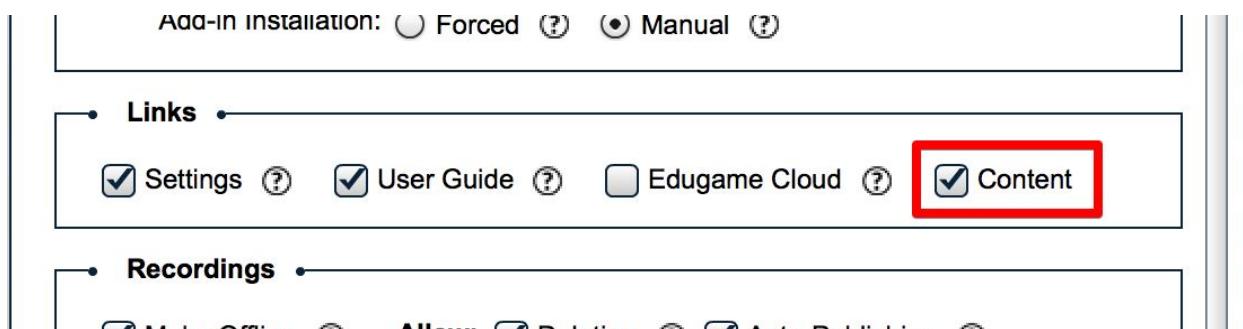
07/29/2015 10:45 AM

07/29/2015 10:47 AM

0:02:36

## Content Management

On the EduGame Cloud LMS license *Settings* page user can enable the Content option.



This setting allows users to manage My/Shared Content within the *Adobe Connect LTI*.

Open the *Adobe Connect LTI* and click on the Content link.

The screenshot shows the Adobe Connect LTI interface. At the top, there are 'Settings' and 'Help' links. Below them, there are sections for 'Use Meetings' (Virtual Class Meeting, Recordings, Reports, Join, Settings) and 'Office Hours' (Add Meeting). The 'Content' link is located in the 'Settings' dropdown menu of the 'Use Meetings' section, highlighted with a red box.

Inside the *Content Management* window user can perform the following actions:

- Create New Folder
- Upload files supported by Adobe Connect
- Edit/Move/Delete files and folders

The screenshot shows the 'Content Management' interface. At the top, there are two tabs: 'My Content' (highlighted in blue) and 'Shared Content'. Below the tabs is a toolbar with 'New Content' and 'New Folder' buttons, both of which are highlighted with a red box. The main area displays a table with columns: Name, Type, Date Modified, and Size (KB). A single row is visible, showing 'MP4 Recordings' as a Folder modified on 03/24/16 at 10:51 AM. To the right of this row is an 'Actions' dropdown menu with three options: 'Edit', 'Move', and 'Delete', all enclosed in a red box. In the bottom right corner of the window is a 'Finish' button.

User can switch between My Content and Shared Content by selecting the appropriate tab link.

This screenshot shows the 'Content Management' window with the 'My Content' tab selected (highlighted with a red box). The interface is similar to the previous one, featuring a toolbar with 'New Content' and 'New Folder' buttons, a table with a single row for 'MP4 Recordings', and an 'Actions' dropdown menu. The 'Shared Content' tab is also visible below the 'My Content' tab.

# Audio Provider Support

## MeetingOne

MeetingOne provider option can be enabled on the EduGame Cloud LMS license *Audio* tab.

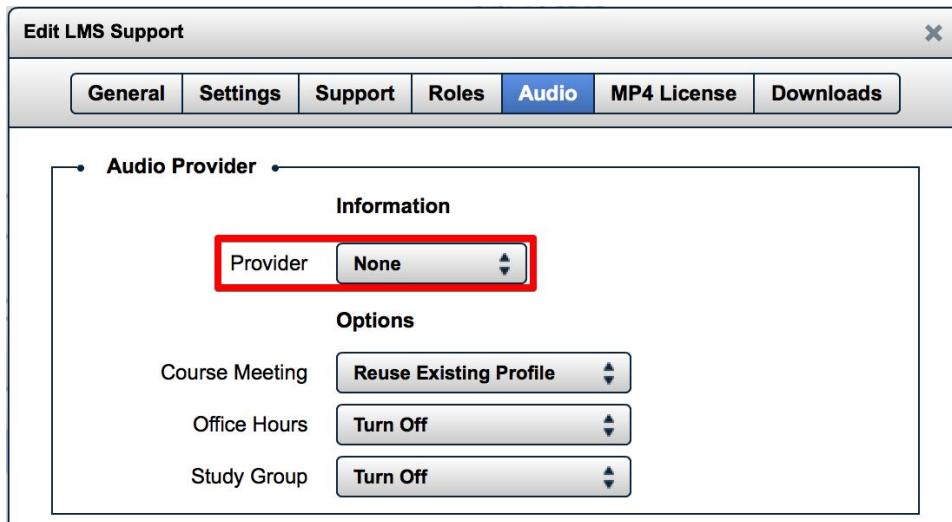
The screenshot shows a 'Edit LMS Support' dialog box with several tabs at the top: General, Settings, Support, Roles, Audio (which is highlighted with a red box), MP4 License, and Downloads. The 'Audio' tab is active. Below the tabs, there's a section titled 'Audio Provider' with two sections: 'Information' and 'Options'. In the 'Information' section, the 'Provider' dropdown is set to 'MeetingOne' (also highlighted with a red box). Other fields include 'Username' (provisioning@esynctraining.com), 'Account Number' (1234567890), and 'Secret Hash Key' (FFEDSFREDFFFFSGGFREERFFSS). In the 'Options' section, there are three dropdowns for 'Course Meeting', 'Office Hours', and 'Study Group', each with the option 'Generate New Profile'.

User should provide to eSyncTraining administrator valid *Username*, *Account Number* and *Secret Hash Key* information that will be further added in the LMS license.

The following *Audio Profile* options are available for **MeetingOne** provider selected:

- Course Meetings
  - Turn Off (*Audio Profiles* are not used)
  - Generate New Profile (*Audio Profile* will be automatically generated during the meeting creation)
- Office Hours
  - Turn Off (*Audio Profiles* are not used)
  - Generate New Profile (*Audio Profile* will be automatically generated during the meeting creation)
  - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)
- Study Group
  - Turn Off (*Audio Profiles* are not used)
  - Generate New Profile (*Audio Profile* will be automatically generated during the meeting creation)

**None** provider can be selected.



The following *Audio Profile* options are available when **None** provider selected:

- Course Meetings
  - Turn Off (*Audio Profiles* are not used)
  - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)
- Office Hours
  - Turn Off (*Audio Profiles* are not used)
  - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)
- Study Group
  - Turn Off (*Audio Profiles* are not used)
  - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)

Navigate to *Adobe Connect LTI* and click on the *Add Meeting* button, expand the **Optional** section and observe the *Audio Conference Settings*.

In case when *Generate New Profile* option selected user will see the following message:

Optional

Custom URL:	http://cert.connect.meetingone.com/	
Summary:		
Start Time:	08-24-2016	02:15 PM
Duration:	01:00	
Access:	<input type="radio"/> Only registered users <input checked="" type="radio"/> Registered users and accepted guests <input type="radio"/> Anyone who has the URL for the meeting	
Audio Conference Settings:	Your Audio Profile will be automatically generated during the meeting creation	

After the meeting has been created, user can *Edit* the meeting and see the additional information provided by MeetingOne.

Audio Conference Settings:	Audio Profile Name: IT Training Conference Room Number: 6134440 Host Access Code: 651711
----------------------------	--

In case when *Reuse Existing Profile* option selected user will see the following option:

Optional

Custom URL:	http://cert.connect.meetingone.com/	
Summary:	<input type="text"/>	
Start Time:	08-25-2016	12:30 PM
Duration:	01:00	
Access:	<input type="radio"/> Only registered users <input checked="" type="radio"/> Registered users and accepted guests <input type="radio"/> Anyone who has the URL for the meeting	
Audio Conference Settings:	<input type="checkbox"/> Include this audio conference with this meeting: <input type="text" value="Test 1"/>	

User can select the checkbox and choose from the list of the existing Audio Profiles.

# EduGameCloud in Adobe Connect

## Import Blackboard Test/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...

The screenshot shows the 'Welcome' screen of EduGameCloud integrated into Adobe Connect. The interface is divided into several sections:

- Add New:** Includes icons for Quiz/Assessment, Test, Survey, Crossword, and Collaboration Map.
- Open Recent:** Lists recent items:
  - Sergey Test Quiz (04/17/15 01:19 PM)
  - Full Quiz (04/17/15 12:27 PM)
  - Vadims Test (04/17/15 12:27 PM)
  - Lesson 23 Student Practice quiz EGC (04/16/15 01:02 PM)
  - Practice quiz Lesson 22 EGC (04/16/15 01:02 PM)
- Help:** Features a 'Watch Guided Tour' button, a 'Video Tutorials' section, 'Documentation', and 'Support' links.
- View Reports:** Lists reports:
  - Sergey Test Quiz (04/17/15 01:19 PM)
  - Lesson 23 Student Practice quiz EGC (04/17/15 12:32 PM)
  - Full Quiz (04/17/15 12:32 PM)
- Adobe Connect Apps:** Shows a 'Get Custom Pod v1.5' button.
- Feedback:** A message box at the bottom left encourages users to provide feedback or suggestions.
- Start Here:** A green button at the bottom right.

... or *Home* screen:

The screenshot shows the 'Home' screen of EduGameCloud integrated into Adobe Connect. The interface includes:

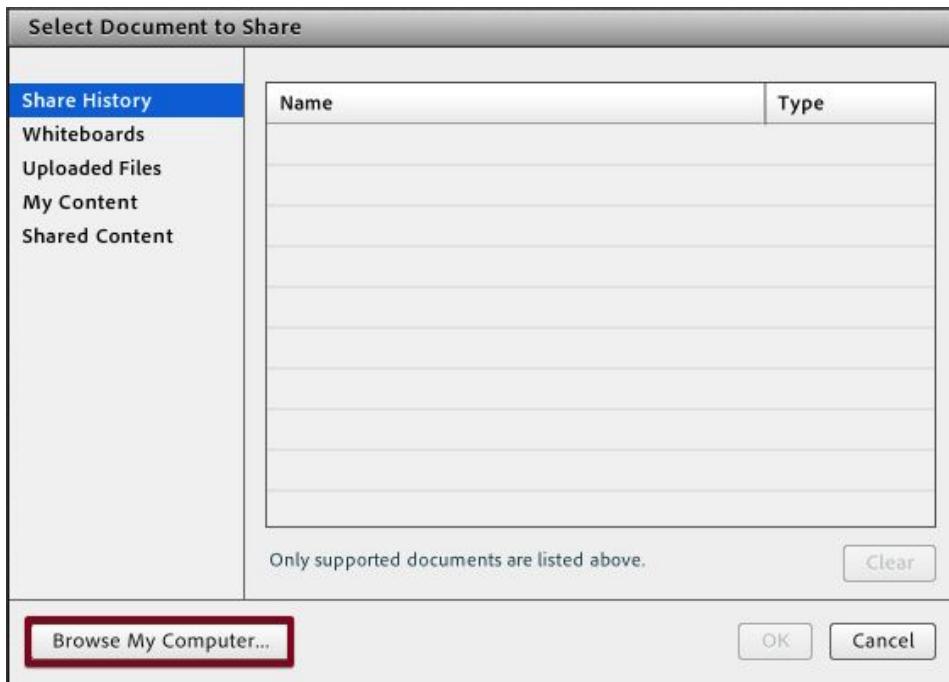
- A top navigation bar with 'Welcome, Demo Esync Admin', a help icon, and a 'Logout' button.
- A main menu with 'Administration' and 'Adobe Connect Apps' tabs.
- A central panel titled 'EduGame Cloud' featuring a 'Get Custom Pod v1.5' button.
- A table showing two entries:

	02/25/15 01:45 PM		
	02/25/15 01:48 PM		

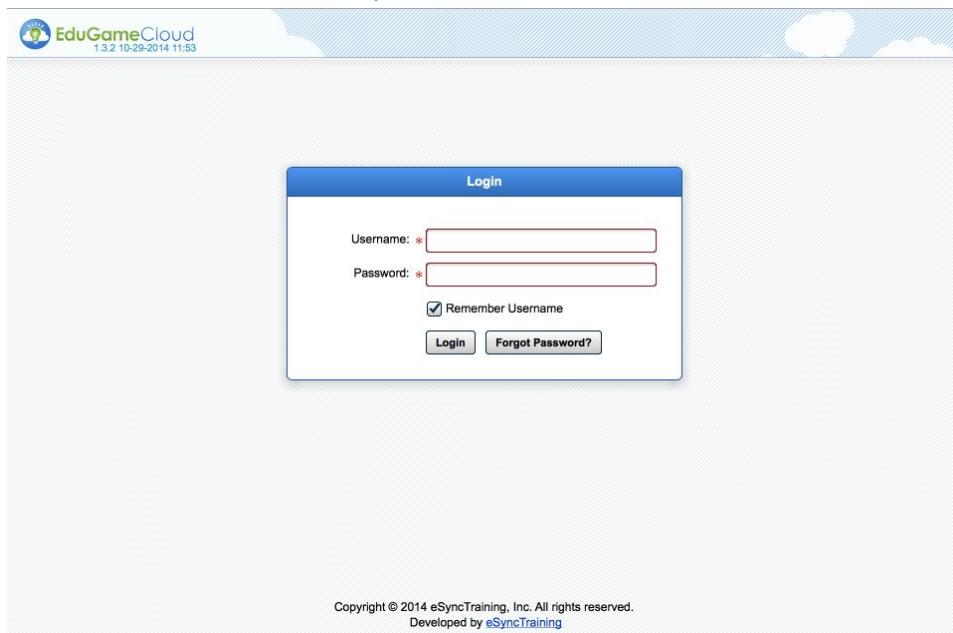
Navigate to Adobe Connect room and select the **Share Document** option from the *Share* drop-down menu.



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

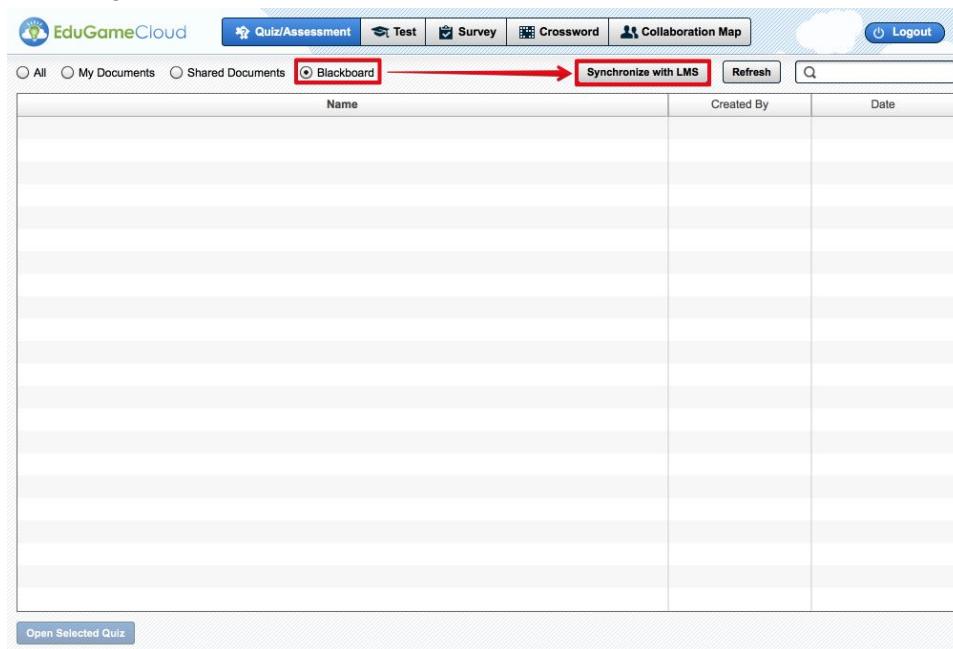


Once the build is successfully uploaded, enter valid EduGameCloud credentials.



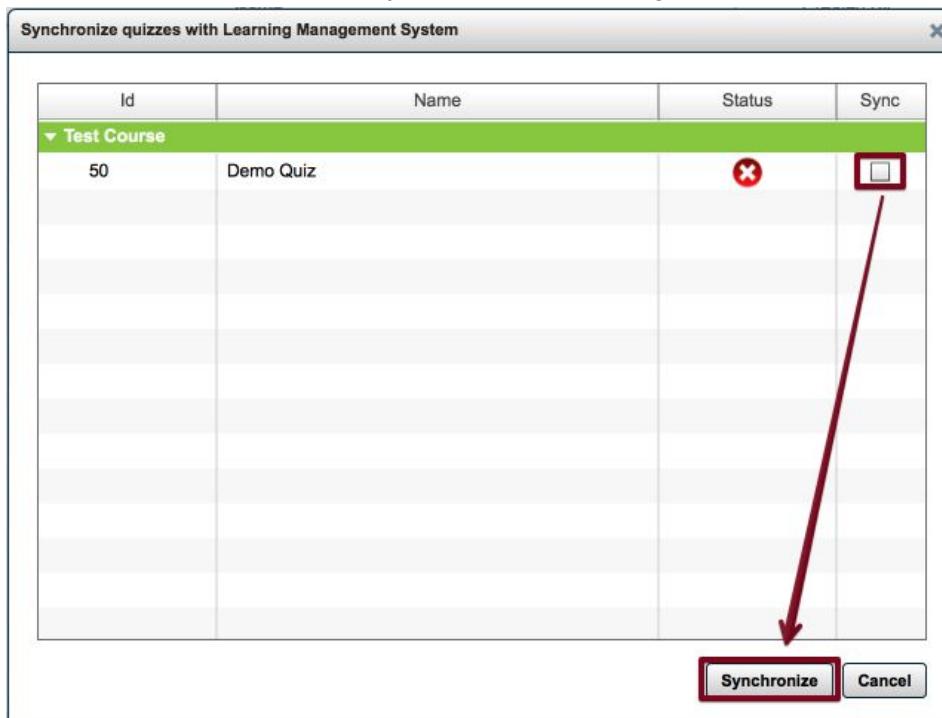
The image shows the EduGameCloud login interface. At the top left is the logo "EduGameCloud" with the version "1.3.2 10-29-2014 11:53". Below the logo is a blue header bar with the word "Login" in white. The main form has two red-bordered input fields for "Username" and "Password", both marked with an asterisk (\*) indicating they are required. There is a checked checkbox labeled "Remember Username". At the bottom of the form are two buttons: "Login" and "Forgot Password?". At the very bottom of the page, there is a copyright notice: "Copyright © 2014 eSyncTraining, Inc. All rights reserved." and "Developed by eSyncTraining".

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



The image shows the EduGameCloud interface with the "Quiz/Assessment" tab selected. The navigation bar includes "Quiz/Assessment" (selected), "Test", "Survey", "Crossword", and "Collaboration Map". On the right side of the navigation bar are "Logout" and a search icon. Below the navigation bar, there is a filter section with radio buttons for "All", "My Documents", "Shared Documents", and "Blackboard" (which is selected, highlighted with a red border). To the right of the filter is a red arrow pointing to a button labeled "Synchronize with LMS". Below the filter and sync button is a table with columns "Name", "Created By", and "Date". At the bottom of the page is a button labeled "Open Selected Quiz".

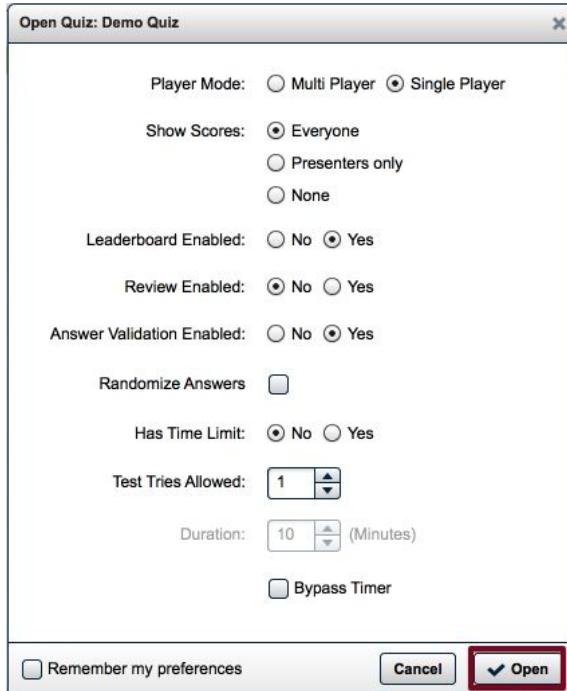
Select required quizzes/surveys and click on the **Synchronize** button.



Synchronized quizzes/surveys should appear under the *Blackboard* 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



All participants should now see the quiz/survey.

# Supported Question Types

## Calculated Formula

Blackboard view:

**QUESTION 1**

What is 5 plus 9?

EduGameCloud view:

The screenshot shows the EduGameCloud Test Quiz interface. At the top, there are navigation buttons: 'Leaderboard' (disabled), 'Preview' (highlighted in blue), and 'Show Participants Score' (unchecked). On the right is an 'End Quiz' button. The main title is 'Test Quiz'. Below it, the category is 'Calculated' and the current question is 'Question 9 of 11'. The question text is 'What is 5 plus 9?'. There is an information icon (i) next to it. A text input field contains the answer '14'. At the bottom, there are navigation buttons: 'Previous', 'Question 9 of 11' (with a dropdown arrow), and 'Next'.

## Calculated Numeric

Blackboard view:

### QUESTION 2

What is the boiling point of water?

EduGameCloud view:

The screenshot shows the EduGameCloud Test Quiz interface. At the top, there are navigation buttons: 'Leaderboard' (disabled), 'Preview' (highlighted in blue), and 'Show Participants Score' (unchecked). On the right is an 'End Quiz' button. The main title is 'Test Quiz'. Below it, a blue header bar indicates the category is 'Numerical' and the current question is 'Question 8 of 11'. The question text is 'What is the boiling point of water?'. To the left of the question is an information icon (i). Below the question is a numeric input field containing '100' with up and down arrow buttons for adjustment. At the bottom, there are navigation buttons: 'Previous' (disabled), 'Question 8 of 11' (disabled), and 'Next'.

## Either/Or

Blackboard view:

### QUESTION 3

Marianas Trench is the deepest part of the world's oceans.

- Right
- Wrong

EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

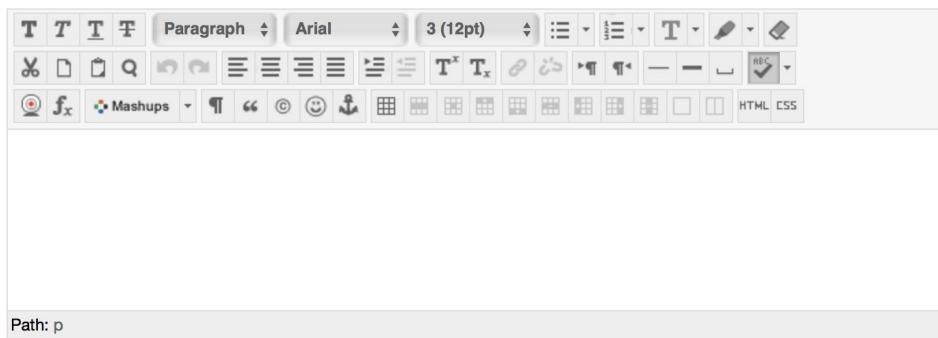
- Top Bar:** Leaderboard, Preview, Show Participants Score, End Quiz.
- Section Header:** Test Quiz.
- Question Type:** True / False.
- Question Text:** Marianas Trench is the deepest part of the world's oceans.
- Options:** A. True (selected), B. False.
- Bottom Navigation:** Previous, Question 2 of 11, Next.

## Essay

Blackboard view:

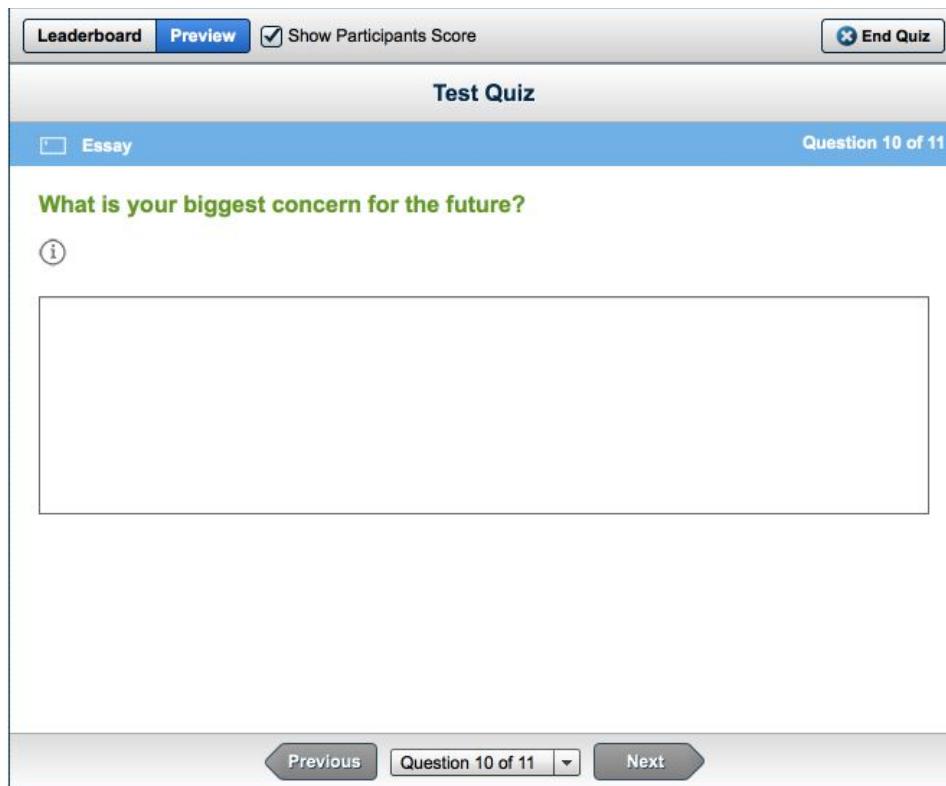
### QUESTION 4

What is your biggest concern for the future?



A screenshot of a Blackboard essay question interface. At the top is a toolbar with various editing icons. Below it is a large text area for the answer. A status bar at the bottom shows the path 'Path: p'.

EduGameCloud:



A screenshot of the EduGameCloud test quiz interface. The top navigation bar includes 'Leaderboard', 'Preview' (which is selected), 'Show Participants Score', and 'End Quiz'. The main title is 'Test Quiz'. The current question is 'Essay' (selected) and 'Question 10 of 11'. The question text is 'What is your biggest concern for the future?'. There is a large text input area. At the bottom are navigation buttons for 'Previous', 'Question 10 of 11', and 'Next'.

## Fill in Multiple Blanks

Blackboard view:

**QUESTION 5**

Roses are [redacted], violets are [redacted].

EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

- Top navigation bar: Leaderboard, Preview (selected), Show Participants Score (checkbox checked), End Quiz.
- Title: Test Quiz.
- Section: Fill in the Blank (highlighted in blue).
- Question: Question 4 of 11.
- Text: Fill in the Blank.
- Question content: (i) Roses are \_\_\_\_\_, violets are \_\_\_\_\_. The word "red" is highlighted in blue under "Roses are \_\_\_\_\_". The word "violet" is highlighted in blue under "violets are \_\_\_\_\_. The \_\_\_\_\_ is preceded by a red underline.
- Bottom navigation bar: Previous, Question 4 of 11, Next.

## Fill In the Blank

Blackboard view:

### QUESTION 6

How many states are in USA?

EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

- Top navigation: Leaderboard, Preview (highlighted in blue), Show Participants Score, End Quiz.
- Title: Test Quiz.
- Question Type: Short Answer.
- Question Number: Question 3 of 11.
- Question Text: How many states are in USA?
- Answer Input Field: A text box containing "50".
- Bottom navigation: Previous, Question 3 of 11, Next.

## Hot Spot

Blackboard view:

### QUESTION 7

Find Iceland on the map.



Selected Coordinates

EduGameCloud view:

Leaderboard **Preview**  Show Participants Score

**Blackboard Test**

Hotspot Question 7 of 16

Find Iceland on the map.

(i)

Previous Question 7 of 16 Next

## Jumbled Sentence

Blackboard view:

### QUESTION 8

Roses are  red, violets are  .

red  
green  
violet



EduGameCloud view:

Leaderboard   Preview    Show Participants Score    End Quiz

Test Quiz

Multiple dropdowns   Question 6 of 11

Select options from the drop-down lists

(i)

Roses are  red, violets are  violet.

Previous   Question 6 of 11   Next

## Matching

Blackboard view:

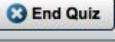
### QUESTION 9

Match the car manufacturer with the country of origin.

- A.  Mercedes
- C.  Fiat
- B.  Renault
- D.  Honda

- A. Japan
- B. Germany
- C. Italy
- D. France

EduGameCloud view:

Leaderboard   Preview    Show Participants Score   

**Test Quiz**

Matching   Question 7 of 11

Match the car manufacturer with the country of origin.

(i)

```
graph LR; Mercedes --- Germany; Fiat --- Italy; Honda --- France; Renault --- Japan;
```

Previous   Question 7 of 11   Next

## Multiple Answer

Blackboard view:

### QUESTION 10

What are the American car manufacturers?

- BMW
- Ford
- Lincoln
- VW

EduGameCloud view:

The screenshot shows a quiz interface from EduGameCloud. At the top, there are navigation buttons: 'Leaderboard' (disabled), 'Preview' (selected), and 'Show Participants Score' (checked). On the right is an 'End Quiz' button. Below this is a header bar with 'Test Quiz' and 'Question 5 of 11'. A blue navigation bar indicates the question type is 'Single / Multiple Choice (Text)'. The main content area displays the question: 'What are the American car manufacturers?' followed by four options: A. BMW (unchecked), B. Ford (checked), C. Lincoln (checked), and D. VW (unchecked). At the bottom, there are navigation buttons for 'Previous' and 'Next'.

## Multiple Choice

Blackboard view:

### QUESTION 11

What color is the sky?

- Green
- Blue
- Black
- Pink

EduGameCloud view:

The screenshot shows the EduGameCloud Test Quiz interface. At the top, there are navigation buttons: 'Leaderboard' (disabled), 'Preview' (selected), 'Show Participants Score' (unchecked), and 'End Quiz'. Below the header, the title 'Test Quiz' is displayed. A blue navigation bar indicates the current section: 'Single / Multiple Choice (Text)' and 'Question 1 of 11'. The main content area contains the question 'What color is the sky?' followed by four options labeled A, B, C, and D. Option B ('B. Blue') is selected. At the bottom, there is a progress indicator 'Question 1 of 11' and a 'Next' button.

## Opinion Scale/Likert

Blackboard view:

### QUESTION 12

Apple is the most successful company in history.

1. Strongly Agree  2. Agree  3. Neither Agree nor Disagree  4. Disagree  5. Strongly Disagree  6. Not Applicable

EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

- Header:** Leaderboard, Preview (selected), Show Participants Score, End Quiz.
- Title:** Blackboard Test
- Question Type:** Single / Multiple Choice (Text)
- Question Number:** Question 12 of 16
- Text:** Apple is the most successful company in history.
- Options:** A. Strongly Agree (radio button is empty), B. Agree (radio button is filled), C. Neither Agree nor Disagree (radio button is empty), D. Disagree (radio button is empty), E. Strongly Disagree (radio button is empty), F. Not Applicable (radio button is empty).
- Navigation:** Previous, Question 12 of 16, Next.

## Ordering

Blackboard view:

### QUESTION 13

Place former U.S. Presidents in order of their service.



George H. W. Bush



Bill Clinton



Jimmy Carter



George W. Bush

EduGameCloud view:

The screenshot shows a sequencing task titled "Blackboard Test" under "Question 13 of 16". The task asks to "Place former U.S. Presidents in order of their service." Below the question, there is an information icon (i) and four numbered options: 1. Jimmy Carter, 2. George H. W. Bush, 3. Bill Clinton, and 4. George W. Bush. At the bottom, there are navigation buttons for "Previous", "Question 13 of 16", and "Next".

Leaderboard   Preview    Show Participants Score   End Quiz

Blackboard Test

Sequence   Question 13 of 16

Place former U.S. Presidents in order of their service.

(i)

1. Jimmy Carter

2. George H. W. Bush

3. Bill Clinton

4. George W. Bush

Previous   Question 13 of 16   Next

## Quiz Bowl

Blackboard view:

### QUESTION 14

Current president of USA.

EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

- Top Bar:** Contains "Leaderboard", "Preview" (highlighted in blue), "Show Participants Score" (with a checked checkbox), and "End Quiz".
- Title:** "Blackboard Test" displayed prominently.
- Question Type:** "Short Answer" selected.
- Question Number:** "Question 14 of 16".
- Question Text:** "Current president of USA." in green.
- Help:** A small "i" icon with a question mark inside a circle.
- Answer Input:** A text input field containing "Who is Barack Obama?".
- Bottom Navigation:** Buttons for "Previous", "Question 14 of 16" (with a dropdown arrow), and "Next".

## Short Answer

Blackboard view:

### QUESTION 15

What color is the sky?

A screenshot of the Blackboard rich text editor. At the top is a toolbar with various icons for text style, alignment, and other document functions. Below the toolbar is a large, empty text area for the answer. At the bottom of the editor is a status bar showing the path 'Path: p'.

EduGameCloud view:

A screenshot of the EduGameCloud quiz interface. The top navigation bar includes 'Leaderboard', 'Preview' (which is selected), 'Show Participants Score', and 'End Quiz'. The main title is 'Blackboard Test' and the specific question is 'Question 15 of 16'. The question text is 'What color is the sky?'. A help icon (i) is available. Below the question is a text input field containing the answer 'Blue'. At the bottom are navigation buttons for 'Previous', 'Question 15 of 16' (with a dropdown arrow), and 'Next'.

## True/False

Blackboard view:

### QUESTION 16

Marianas Trench is the deepest part of the world's oceans.

- True
- False

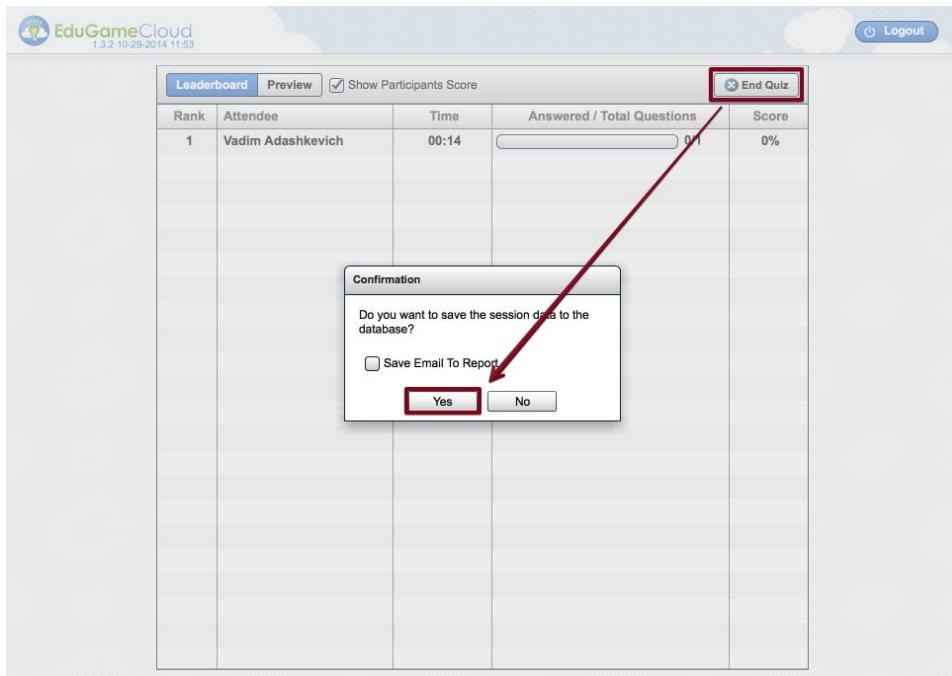
EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

- Top navigation bar with "Leaderboard", "Preview" (highlighted in blue), "Show Participants Score" (unchecked), and "End Quiz".
- Title "Test Quiz" centered above the question.
- Section header "True / False" with a checkmark.
- Question text: "Marianas Trench is the deepest part of the world's oceans."
- Options:
  - A. True (selected)
  - B. False
- Bottom navigation bar with "Previous", "Question 2 of 11" (with a dropdown arrow), and "Next".

## View the Quiz/Survey Results in Blackboard

When all the participants have completed the Quiz/Survey click on **End Quiz/Survey** button and agree with saving the results to the database.



In Blackboard go to Course Navigation and click on the **Full Results Center** link.

A screenshot of the Blackboard Course Navigation menu. The menu is organized under 'COURSE MANAGEMENT'. It includes sections for 'Control Panel', 'Content Collection', 'Course Tools', 'Evaluation', 'Results Center', and 'Users and Groups'. Under 'Evaluation', there are three links: 'Needs Evaluation', 'Full Results Center' (which is highlighted with a red box), and 'Exercises/Tests'. Under 'Results Center', there are three links: 'Needs Evaluation', 'Full Results Center' (highlighted with a red box), and 'Exercises/Tests'. Under 'Users and Groups', there is one link: 'Users and Groups'.

Observe the participants' scores.

# Blackboard 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.

The screenshot shows the EduGame Cloud interface. On the left, there's a sidebar with sections like 'Add New' (Quiz/Assessment, Test, Survey, Crossword, Collaboration Map), 'Administration' (LMS Integration, highlighted with a red box; Users), and 'Adobe Connect Apps' (Get Custom Pod v1.5). The main area has three columns: 'Open Recent' (Sergey Test Quiz, Full Quiz, Vadims Test, Lesson 23 Student Practice quiz EGC, Practice quiz Lesson 22 EGC), 'View Reports' (Sergey Test Quiz, Lesson 23 Student Practice quiz EGC, Full Quiz), and 'Help' (Video Tutorials, Documentation, Support). A large rocket ship graphic is in the center-right. At the bottom, there's a feedback link ('Please provide us your feedback or suggestions by clicking here') and a 'Start Here' button.

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

The screenshot shows the 'LMS Integration' page. At the top, there are navigation links: Quiz/Assessment, Test, Survey, Crossword, Collaboration Map, Reporting, Administration, and Adobe Connect Apps. Below that is a toolbar with LMS Integration, Users, Customization, Email History, and My License. The main content area is a table with one row:

Edit	LMS	Title	Creation Date	Consumer Key	Shared Secret
		Demo Title	04/24/15 10:00 AM	520befa1- <span style="background-color: #cccccc;">XXXXXXXXXX</span>	8acf12d6- <span style="background-color: #cccccc;">XXXXXXXXXX</span>

On the *General* tab admin user can edit the *Adobe Connect Server* and *credentials* and select the *Primary Color* for Adobe Connect LTI.

**Edit LMS Support**

**General**   **Settings**   **Support**   **Roles**   **Downloads**

**LMS Setup**

LMS	Adobe Connect	Primary Color:
Title	Adobe Connect	
Consumer Key	8decc4bc-[REDACTED]	
Shared Secret	4fbf260d-[REDACTED]	
<b>Learning Management System</b>		
LMS Domain	http://[REDACTED]	
Admin Username	[REDACTED]	
Password	Enter the password, if you want to overwrite it	
<b>Test Connection</b>		

**Adobe Connect**

Adobe Connect Server	https://[REDACTED]
Admin Username	[REDACTED]
Password	Enter the password, if you want to overwrite it
<input type="radio"/> Use Shared Meetings Folder	
<input checked="" type="radio"/> Use User Meetings Folder	
Canvas Meetings	
<b>Test Connection</b>	

**Cancel**   **Save**

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

**Add LMS Support**

**General    Settings    Support    Roles    Downloads**

**Meetings**

Course Meetings:  Yes  No       Multiple Meetings

Office Hours:  Yes  No      Study Groups:  Yes  No

Name Format:

Options:  Edit Meetings  Delete Meetings  Enable Meeting Reuse

**User Management**

Participant List Synchronization:  Auto  Manual

Adobe Connect Settings

Allow User Creation:  True  False

**Adobe Connect Authentication**

Type:  Email  Username

URL Session Token:  Hide  Show

**Links**

Settings  User Guide  Edugame Cloud

**Recordings**

Use FLV  Use MP4

**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

### **Multiple Meetings**

Allow teachers to create multiple meetings in one course

### **Send Announcements**

Send a LMS announcements to the students when the meeting is created

### **Edit Meetings**

Allow teachers to edit the meetings

### **Delete Meetings**

Allow teachers to delete the meetings

### **Participant List Synchronization**

#### **Auto**

All course participants should be automatically synchronized with Adobe Connect users

#### **Manual**

Allow teachers to manually synchronize course participants with Adobe Connect users

### **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** (retrieved from Adobe Connect login policy settings)

#### **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 require 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

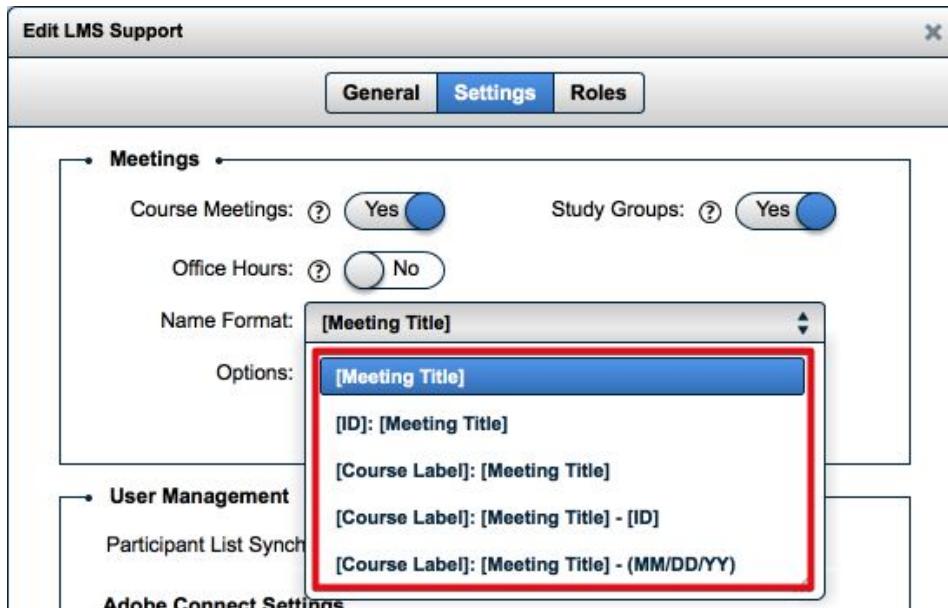
## Use FLV

Create an offline recording as an FLV file

## Use MP4

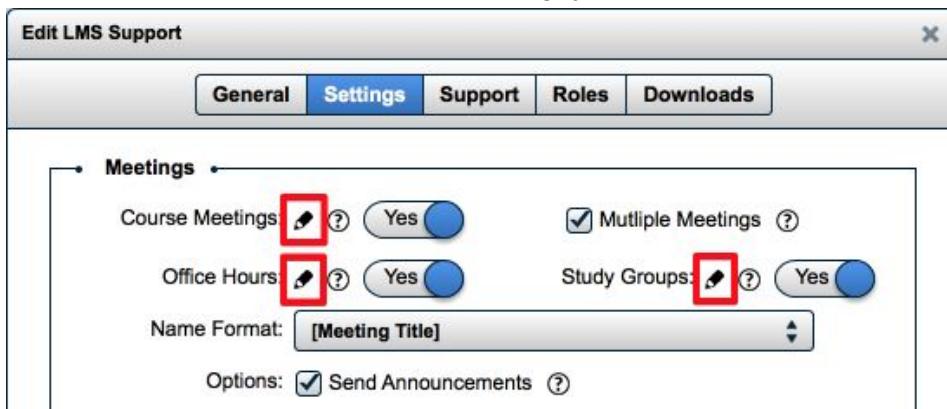
Create an offline recording as an FLV file

User can select one of the following *Meeting Name* templates:

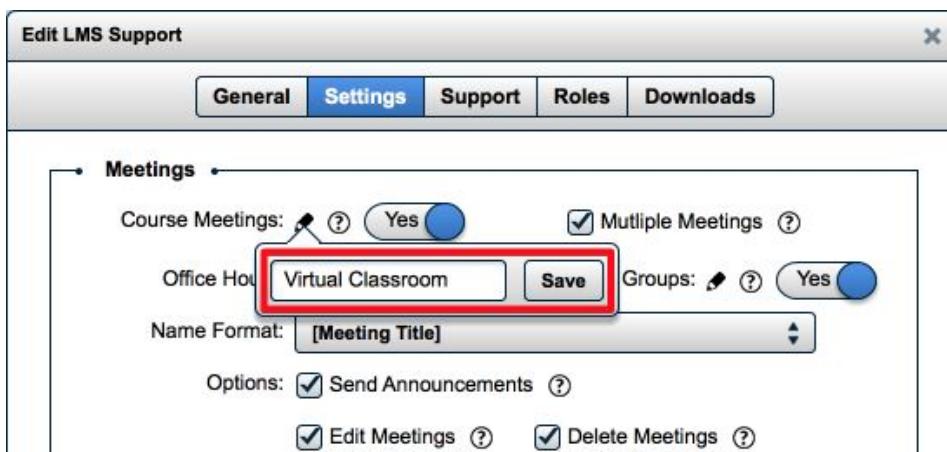


When user creates a meeting in the **Adobe Connect LTI**, only *Meeting Title* should be specified. Thus appropriate meeting will be created in a Adobe Connect and named using the chosen template.

On the EduGame Cloud LMS license **Settings** page user can edit the **Meeting Labels**. Click on **Edit** icon next to required meeting type.



Enter desired label and click on **Save** button.



Save the license and observe the **Adobe Connect LTI**. New Meeting Label should appear.

Adobe Connect

Help: User Guide | EduGame Cloud

#### Meetings List

Virtual Classroom

Currently there are no meetings. Please add.

Add Meeting

Office Hours

Currently there are no meetings. Please add.

Add Meeting

Settings

On the *Support* tab admin user can add any *Support Information/Instructions* that will be shown for all users accessing the Adobe Connect LTI.

The screenshot shows the 'Support' tab selected in a navigation bar. Below it is a section titled 'Your Support Information (Optional)' containing a text area with placeholder text 'Support Information for participants.' and a rich text editor toolbar. At the bottom right is a blue 'Save' button.

All LTI participants will see *Support Information/Instructions* in the following way:

Adobe Connect

**Meetings List**

The screenshot shows the 'Meetings List' interface. It includes sections for 'Course Meetings' (listing 'Test Meeting 101' with a 'Join' button) and 'Office Hours' (noting 'Currently there are no meetings. Please add.'). A red box highlights the 'Instructions/Support' section, which contains the text 'Support Information for participants.'

On the *Roles* page user can specify the mapping rules for default and custom LMS roles.

**Edit LMS Support**

General    Settings    **Roles**    Edit:  No

• Default Roles •

LMS Role	AC Roles
Student	Participant
Teacher	Host
TA	Presenter
Designer	Presenter
Observer	Participant

• Custom Roles •

Role	AC Roles

**Cancel**    **Save**

In order to change *Default Roles* mapping change the **Edit** toggle to Yes, select any default *LMS Role* and pick the required *AC Role* from the dropdown.

LMS Role	AC Roles
Student	Participant
Teacher	Host
TA	
Designer	
Observer	

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

In order to specify *Custom Roles* mapping change the **Edit** toggle to Yes, click on the **Add Custom Role** button, enter the required *Role Name* and pick the required *AC Role* from the dropdown.

Role	AC Roles	Delete
Backup Teacher	Presenter	

(?) Any custom role not defined in this list will be mapped to the participant in Adobe Connect.

**Add Custom Role**

**Cancel** **Save**

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

Open the *Adobe Connect LTI* and click on the *Gear* icon and create a new meeting. Observe the **Participants** tab. Custom roles should be properly mapped.

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

The screenshot shows the 'Participants' tab in the Adobe Connect LTI interface. It displays two panels: 'LMS Available Users (4)' on the left and 'Adobe Connect Participants (4)' on the right. A red arrow points from the 'Backup Teacher' role in the LMS panel to the 'Presenter' role in the Adobe Connect panel, indicating the mapping process.

LMS Available Users (4)	Adobe Connect Participants (4)
Backup Teacher (1) Kelsea Tower	Host (1) Mike Kollen
Students (2) Melissa Sieben Paul Green	Participants (2) Melissa Sieben Paul Green
Teacher (1) Mike Kollen	Presenter (1) Kelsea Tower

Below the panels are search fields and action buttons: Sync Users, Add, Add Guest, Set User Role, Remove, Back, and Finish.

On the *Downloads* tab admin user can download User Guide and other complementary files.

# Configure Adobe Connect LTI for Your Blackboard Account

## Using Proxy Tool

Please provide the *LMS domain* and valid *Proxy Tool Registration Password* (if it is set in your Blackboard account) to EGC Admin.

Password can be found at: **System Admin -> Building Blocks -> Proxy Tools -> Manage Global Properties -> Proxy Tool Registration Password**

Select the **Allow Unknown Proxy Tools** checkbox.

**Proxy Tools Global Properties**

**PROXY TOOL REGISTRATION PASSWORD**

*Optional password to restrict access to the registerTool method. If specified then Proxy Tool will not be able to login as a tool until you give it a password on the Proxy Tool configuration*

Proxy Tool Registration Password

**ALLOW UNKNOWN PROXY TOOLS**

*If you allow unknown Proxy Tools, then Proxy Tools can connect and use user-based authentication without explicitly granting them the right to use Web Services. If you do not allow this then they will be restricted to their own user account.*

Allow Unknown Proxy Tools

As soon as EGC Admin creates the license, Blackboard administrator can proceed with further instructions.

On the *Home* screen navigate to **System Admin** tab. Click on the **Building Blocks** link.

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box and has a red arrow pointing towards it from the text above. Below the navigation bar, there is a header section with the Blackboard logo and text: Products: Course Delivery, Community Engagement, Content Management, Login: Mike Kollen (mike@esynctraining.com), and Theme: Bb Learn 2012. The main content area is divided into sections. On the left, there are three large, empty rectangular boxes. To the right, under the heading "Security", are links: SSL Choice, Privileges, Session Fingerprint Settings, Gateway Options, Alternate Domain for Serving Content, Safe HTML Filters, and Input Validation Filter. Under the heading "Building Blocks", are links: Data Integration, Authentication, Building Blocks (which is highlighted with a red box), and Web Services. A red arrow points from the text "Click on the Building Blocks link." to the "Building Blocks" link in the "Building Blocks" section.

Click on the **Proxy Tools** link.

**Building Blocks**

**Featured Building Blocks**  
*Manage and install Featured Building Blocks*

**Installed Tools**  
*Configure or Delete Building Blocks that were included with the system.*

**Proxy Tools**  
*Manage and register Proxy Tools and define their Global Properties.*

**LTI Tool Providers**  
*Manage and register LTI Tool Providers.*

Select the EGC Vendor tool from the list and **Edit**.

**Proxy Tools**

**Manage Global Properties**    **Register Proxy Tool**

Program	Availability	Tool Authentication Configured
Vendor	No	Yes
EGC	No	Yes

The 'Edit' button for the EGC row is highlighted with a red box and a cursor icon pointing to it.

Make tool Available and set desired password.

\*NOTE: Please remember the password for further usage.

## AVAILABILITY

---

Configure the availability and security for this Proxy Tool. If the Proxy Tool's Availability is not "Available" then it will not be used for Web Service sessions.

 Availability

No

Restrict use of this Proxy Tool

Yes

Permit use of this Proxy Tool

Shared Password



By entering a password here you are granting the entitlements below to this tool when it is used.

Click on **Submit** button to save the changes.

Navigate to [app.edugamecloud.com](http://app.edugamecloud.com) and login using your EGC admin credentials.  
Go to Administration->LMS History and edit the license.

The screenshot shows the EduGameCloud administration dashboard. At the top, there are links for Quiz/Assessment, Test, Survey, Crossword, Collaboration Map, Reporting, and Administration. The Administration link is highlighted with a red box and an arrow pointing to it from the text above. Below the navigation bar is a table titled 'LMS History' with columns: Edit, LMS, Title, Creation Date, Consumer Key, and Shared Secret. A row for 'blackboard' is shown with 'Blackboard' in the LMS column and 'Blackboard' in the Title column. The 'Edit' button for this row is also highlighted with a red box and an arrow. At the bottom right of the table area, there is a 'Change Password' link.

Paste in the password in the **Proxy Tool Password** textfield and click on **Save** button.

The dialog box has two main sections: 'Learning Manage System' and 'Customization'.  
**Learning Manage System:**  
 - LMS Domain: https://bb9-cp.blackboard.com  
 - Proxy Tool Password: (This field is highlighted with a red box.)  
 - Test Connection: (A button below the password field.)  
**Customization:**  
 - Primary Color: (A dropdown menu highlighted with a red box.)  
 - Delete Meetings:   
 - Edit Meetings:   
 - Settings Visible:   
 - LMS Help:   
 - EGC Help:   
 - Course Meetings:   
 - Office Hours:   
 - Study Groups:   
 At the bottom right of the dialog are 'Cancel' and 'Save' buttons.

Navigate back to Blackboard website.

On the *Home* screen navigate to **System Admin** tab.

Click on the **Building Blocks** link.

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box and has a red arrow pointing to it from the text above. Below the navigation bar, there is a header area with the Blackboard logo and some system information: Products: Course Delivery, Community Engagement, Content Management; Login: Mike Kollen (mike@esynctraining.com); Theme: Bb Learn 2012. The main content area is divided into sections. On the left, there are three empty boxes. The first section, titled "Security", contains links: SSL Choice, Privileges, Session Fingerprint Settings, Gateway Options, Alternate Domain for Serving Content, Safe HTML Filters, and Input Validation Filter. The second section, titled "Building Blocks", contains links: Data Integration, Authentication, Building Blocks (which is highlighted with a red box), and Web Services. A red arrow points from the text "Click on the Building Blocks link." to the "Building Blocks" link in this section.

Click on the **LTI Tool Providers** link.

**Building Blocks**

**Featured Building Blocks**  
*Manage and install Featured Building Blocks*

**Installed Tools**  
*Configure or Delete Building Blocks that were included with the system.*

**Proxy Tools**  
*Manage and register Proxy Tools and define their Global Properties.*

**LTI Tool Providers**  
*Manage and register LTI Tool Providers.*

Click on the **Register Provider Domain** button.

**LTI Tool Providers**

*This report is available to show all provider domains in use in the system, including*

**Manage Global Properties**      **Register Provider Domain**

Enter the **Provider Domain**, **Tool Provider Key** and **Tool Provider Secret**.

You will find your *Tool Provider Key* and *Tool Provider Secret* in EduGameCloud Administration.

Use the following *Provider Domain*: app.edugamecloud.com

Select the **Set globally** checkbox.

**Register Provider Domain**

*Create a new registered provider domain, configure, and set policies. The provider domain, and secondary hostnames can be used to share configuration across multiple LTI tool providers.*

**PROVIDER DOMAIN STATUS**

*Set the status of the provider domain. You can also provide a list of additional hostnames to share this configuration across multiple LTI tool providers.*

\* Provider Domain

Provider Domain Status  Approved  Excluded

Secondary Hostnames   
*Enter one hostname per line.*

**DEFAULT CONFIGURATION**

*LTI Tool Providers can request configuration per link, or can provide key and shared secret information for site-wide configuration.*

Default Configuration  Set separately for each link  Set globally

\* Tool Provider Key

\* Tool Provider Secret

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

Open the **Options Menu** and select the **Manage Placements** option.

The screenshot shows the 'LTI Tool Providers' report interface. At the top, there are two tabs: 'Manage Global Properties' and 'Register Provider Domain'. Below the tabs is a table with columns for 'Domain', 'Status', 'Credentials', and 'Server'. A row for 'app.edugamecloud.com' is selected, indicated by a yellow background and a checked checkbox. A context menu is open over this row, with the 'Manage Placements' option highlighted and surrounded by a red box. Other options in the menu include 'Edit', 'Usage Report', 'Approve', 'Exclude', and 'Delete'. At the bottom of the table, there are buttons for 'Approve', 'Exclude', and 'Delete'.

Click on the **Create Placement** button.

The screenshot shows the 'Manage Placements: app.edugamecloud.com' page. The title is 'Manage Placements: app.edugamecloud.com'. Below the title, a sub-instruction says 'Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not de...'. At the bottom of the page, there is a large red rectangular button labeled 'Create Placement'.

Enter the **Label**, **Handle** and **Tool Provider URL**.

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

#### TOOL PROVIDER INFORMATION

Enter the Tool Provider Information. The Tool Provider URL must be located on one of the configured host names.

\* Tool Provider URL

\* Tool Provider Key

\* Tool Provider Secret

Tool Provider Custom Parameters

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

On the *Home* screen navigate to **System Admin** tab.

Click on the **Web services** link.

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: zation, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box. Below the navigation bar, there is a header section with the Blackboard logo, products information (Course Delivery, Community Engagement, Content Management), login details (Mike Kollen, mike@esynctraining.com), and theme information (Bb Learn 2012). The main content area is divided into sections: Security, Building Blocks, and Web Services. The Security section contains links for SSL Choice, Privileges, Session Fingerprint Settings, Gateway Options, Alternate Domain for Serving Content, Safe HTML Filters, and Input Validation Filter. The Building Blocks section contains links for Data Integration, Authentication, and Building Blocks. The Web Services section is at the bottom and is highlighted with a red box. A red arrow points from the 'Building Blocks' link in the Building Blocks section down to the 'Web Services' link in the Web Services section.

Select the following web services and make them available:

- Announcement.WS
- Context.WS
- Course.WS
- CourseMembership.WS
- User.WS

**Web Services**

Manage Web Services		Upload Web Services	Download Sample Tools	Download All Documentation
<input type="checkbox"/> Availability <input type="checkbox"/> SSL <input type="checkbox"/> Discoverability		<input type="button" value="Refresh"/>		
<input checked="" type="checkbox"/> <a href="#">Make Available</a> <input type="checkbox"/> <a href="#">Make Unavailable</a>		WSDL Location	Available	SSL Required
<input checked="" type="checkbox"/> Announcement.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Announcement.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Announcement.WS?wsdl</a>	Yes	No
<input type="checkbox"/> Calendar.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Calendar.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Calendar.WS?wsdl</a>	No	No
<input type="checkbox"/> Content.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Content.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Content.WS?wsdl</a>	No	No
<input checked="" type="checkbox"/> Context.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Context.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Context.WS?wsdl</a>	Yes	No
<input checked="" type="checkbox"/> Course.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Course.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Course.WS?wsdl</a>	Yes	No
<input checked="" type="checkbox"/> CourseMembership.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/CourseMembership.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/CourseMembership.WS?wsdl</a>	Yes	No
<input type="checkbox"/> Gradebook.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Gradebook.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Gradebook.WS?wsdl</a>	No	No
<input type="checkbox"/> NotificationDistributorOperations.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/NotificationDistributorOperations.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/NotificationDistributorOperations.WS?wsdl</a>	No	No
<input checked="" type="checkbox"/> User.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/User.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/User.WS?wsdl</a>	Yes	No
<input type="checkbox"/> Util.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Util.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Util.WS?wsdl</a>	No	No
<input type="button" value="Availability"/> <input type="button" value="SSL"/> <input type="button" value="Discoverability"/>		<input type="button" value="Refresh"/>		
Displaying 1 to 10 of 10 items   <a href="#">Show All</a>   <a href="#">Edit Paging...</a>				

## Using Admin Credentials

Please provide the LMS domain and valid Blackboard admin credentials to EGC Admin. As soon as EGC Admin creates the license, Blackboard administrator can proceed with further instructions.

On the *Home* screen navigate to **System Admin** tab.

Click on the **Building Blocks** link.

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box. Below the navigation bar, there is a header section with the Blackboard logo, product information (Course Delivery, Community Engagement, Content Management), user login details (Mike Kollen, mike@esynctraining.com), and theme information (Bb Learn 2012). The main content area is divided into sections. On the left, there are three large, empty rectangular boxes. The first section on the right is titled "Security" and contains links for SSL Choice, Privileges, Session Fingerprint Settings, Gateway Options, Alternate Domain for Serving Content, Safe HTML Filters, and Input Validation Filter. The second section is titled "Building Blocks" and contains links for Data Integration, Authentication, Building Blocks (which is highlighted with a red box), and Web Services. A red arrow points from the text "Click on the Building Blocks link." to the "Building Blocks" link in the second section.

Click on the **LTI Tool Providers** link.

**Building Blocks**

**Featured Building Blocks**  
*Manage and install Featured Building Blocks*

**Installed Tools**  
*Configure or Delete Building Blocks that were included with the system.*

**Proxy Tools**  
*Manage and register Proxy Tools and define their Global Properties.*

**LTI Tool Providers**  
*Manage and register LTI Tool Providers.*

Click on the **Register Provider Domain** button.

**LTI Tool Providers**

*This report is available to show all provider domains in use in the system, including*

**Manage Global Properties**      **Register Provider Domain**

Enter the **Provider Domain**, **Tool Provider Key** and **Tool Provider Secret**.

You will find your *Tool Provider Key* and *Tool Provider Secret* in EduGameCloud Administration.

Use the following *Provider Domain*: app.edugamecloud.com

Select the **Set globally** checkbox.

## Register Provider Domain

Create a new registered provider domain, configure, and set policies. The provider domain, and secondary hostnames can be used to share configuration across multiple LTI tool providers.

\* Indicates a required field.

---

### PROVIDER DOMAIN STATUS

Set the status of the provider domain. You can also provide a list of additional hostnames to share this configuration across multiple LTI tool providers.

\* Provider Domain

Provider Domain Status  Approved  Excluded

Secondary Hostnames   
Enter one hostname per line.

---

### DEFAULT CONFIGURATION

LTI Tool Providers can request configuration per link, or can provide key and shared secret information for site-wide configuration.

Default Configuration  Set separately for each link  Set globally

\* Tool Provider Key

\* Tool Provider Secret

Set the *Institution/Organization Policies* options as follows:

---

#### INSTITUTION POLICIES

---

Choose whether you want to override the institution policies for this specific tool provider domain.

Send User Data

- Never
  - Send user data only over SSL
  - Send user data over any connection
- User Fields to Send
- Role in Course
  - Name
  - Email Address

or

---

#### ORGANIZATION POLICIES

---

Choose whether you want to override the organization policies for this specific tool provider domain.

Send User Data

- Never
  - Send user data only over SSL
  - Send user data over any connection
- User Fields to Send
- Constituency in Course
  - Name
  - Email Address

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

Open the **Options Menu** and select the **Manage Placements** option.

The screenshot shows the 'LTI Tool Providers' report interface. At the top, there are two tabs: 'Manage Global Properties' and 'Register Provider Domain'. Below the tabs is a toolbar with buttons for 'Approve', 'Exclude', and 'Delete'. A table lists provider domains with columns for 'Domain', 'Status', 'Credentials', and 'Server'. The domain 'app.edugamecloud.com' is selected, indicated by a checked checkbox and a yellow background. A context menu is open over this row, with the 'Manage Placements' option highlighted by a red box and a red arrow pointing to it. Other options in the menu include 'Edit', 'Usage Report', 'Approve', 'Exclude', and 'Delete'.

Click on the **Create Placement** button.

The screenshot shows the 'Manage Placements: app.edugamecloud.com' page. The title is 'Manage Placements: app.edugamecloud.com'. Below the title is a sub-instruction: 'Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not de...'. At the bottom of the page is a large red button labeled 'Create Placement'.

Enter the **Label**, **Handle** and **Tool Provider URL**.

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

#### TOOL PROVIDER INFORMATION

Enter the Tool Provider Information. The Tool Provider URL must be located on one of the configured host names.

* Tool Provider URL	<input type="text"/>
* Tool Provider Key	63fba6c7-6062-41f9
* Tool Provider Secret	776f21b6-7e9e-4f77
Tool Provider Custom Parameters	<input type="text"/>

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

On the *Home* screen navigate to **System Admin** tab.

Click on the **Building Blocks** link.

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box and has a red arrow pointing to it from the text above. Below the navigation bar, there is a header section with the Blackboard logo, products information (Course Delivery, Community Engagement, Content Management), user login details (Mike Kollen, mike@esynctraining.com), and theme information (Bb Learn 2012). The main content area is divided into sections. The first section is titled "Security" and contains links for SSL Choice, Privileges, Session Fingerprint Settings, Gateway Options, Alternate Domain for Serving Content, Safe HTML Filters, and Input Validation Filter. The second section is titled "Building Blocks" and contains links for Data Integration, Authentication, Building Blocks (which is highlighted with a red box and has a red arrow pointing to it from the text above), and Web Services.

Click on the **Proxy Tools** link.

## Building Blocks

### Featured Building Blocks

*Manage and install Featured Building Blocks*

### Installed Tools

*Configure or Delete Building Blocks that were included with the system.*

### Proxy Tools

*Manage and register Proxy Tools and define their Global Properties.*

### LTI Tool Providers

*Manage and register LTI Tool Providers.*

Click on the **Manage Global Properties** button.

## Proxy Tools

**Manage Global Properties**

Register Proxy Tool ▾

... ▾

Select the **Allow Unknown Proxy Tools** checkbox.

#### ALLOW UNKNOWN PROXY TOOLS

---

*If you allow unknown Proxy Tools, then Proxy Tools can connect and use u  
the right to use Web Services. If you do not allow this then only Proxy Tools*

Allow Unknown Proxy Tools



On the *Home* screen navigate to **System Admin** tab.

Click on the **Web services** link.

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: zation, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box. In the center, there is a header section with the Blackboard logo, products information (Course Delivery, Community Engagement, Content Management), login details (Mike Kollen, mike@esynctraining.com), and theme information (Bb Learn 2012). Below this, there are two main sections: Security and Building Blocks. The Security section contains links for SSL Choice, Privileges, Session Fingerprint Settings, Gateway Options, Alternate Domain for Serving Content, Safe HTML Filters, and Input Validation Filter. The Building Blocks section contains links for Data Integration, Authentication, Building Blocks, and Web Services. A large red arrow points from the text "Click on the Web services link." to the "Web Services" link in the Building Blocks section, which is also highlighted with a red box.

Select the following web services and make them available:

- Announcement.WS
- Context.WS
- Course.WS
- CourseMembership.WS
- User.WS

**Web Services**

Manage Web Services		Upload Web Services	Download Sample Tools	Download All Documentation
<input type="checkbox"/> Availability <input type="checkbox"/> SSL <input type="checkbox"/> Discoverability		<input type="button" value="Refresh"/>		
<input checked="" type="checkbox"/> <a href="#">Make Available</a> <input type="checkbox"/> <a href="#">Make Unavailable</a>		WSDL Location	Available	SSL Required
<input checked="" type="checkbox"/> Announcement.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Announcement.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Announcement.WS?wsdl</a>	Yes	No
<input type="checkbox"/> Calendar.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Calendar.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Calendar.WS?wsdl</a>	No	No
<input type="checkbox"/> Content.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Content.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Content.WS?wsdl</a>	No	No
<input checked="" type="checkbox"/> Context.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Context.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Context.WS?wsdl</a>	Yes	No
<input checked="" type="checkbox"/> Course.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Course.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Course.WS?wsdl</a>	Yes	No
<input checked="" type="checkbox"/> CourseMembership.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/CourseMembership.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/CourseMembership.WS?wsdl</a>	Yes	No
<input type="checkbox"/> Gradebook.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Gradebook.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Gradebook.WS?wsdl</a>	No	No
<input type="checkbox"/> NotificationDistributorOperations.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/NotificationDistributorOperations.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/NotificationDistributorOperations.WS?wsdl</a>	No	No
<input checked="" type="checkbox"/> User.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/User.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/User.WS?wsdl</a>	Yes	No
<input type="checkbox"/> Util.WS		<a href="http://blackboard.advantageconnectpro.com/webapps/ws/services/Util.WS?wsdl">http://blackboard.advantageconnectpro.com/webapps/ws/services/Util.WS?wsdl</a>	No	No
<input type="button" value="Availability"/> <input type="button" value="SSL"/> <input type="button" value="Discoverability"/>		<input type="button" value="Refresh"/>		
Displaying 1 to 10 of 10 items   <a href="#">Show All</a>   <a href="#">Edit Paging...</a>				

## 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