



&



**Blackboard**



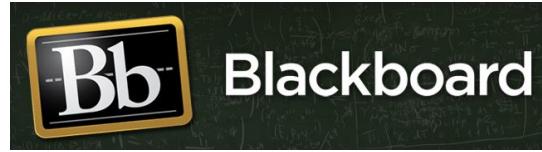
Adobe Connect

LTI Integration

**User Guide (Version 1.7.0)**



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# & Adobe Connect

User Guide  
Version 1.7.0

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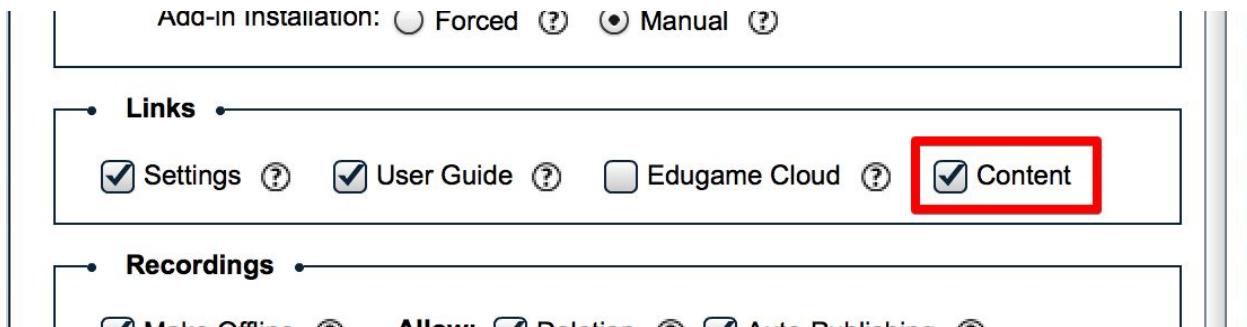
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# What's New In v1.7.0?

## 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 interface. At the top right, there are 'Settings: Change' and a 'Content' link, which is also highlighted with a red box. Below that is a 'Help: User Guide' link. The main area has sections for 'Use Meetings' (Virtual Class Meeting, Recordings, Reports) and 'Office Hours' (Add Meeting). A message at the bottom states 'Currently there are no meetings.'

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 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 listing a folder named 'MP4 Recordings', and an 'Actions' dropdown menu. The 'My Content' tab is explicitly highlighted with a red box.

## Reports by Recordings

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

Adobe Connect

Settings: Change

Help: [User Guide](#)

### Course Meetings

Virtual Class Meeting  
Recordings **Reports**

[Join](#)

### Office Hours

[Add Meeting](#)

Currently there are no meetings.

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*.

# Course Administrator Guide

## Add Adobe Connect LTI Link to the Course

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

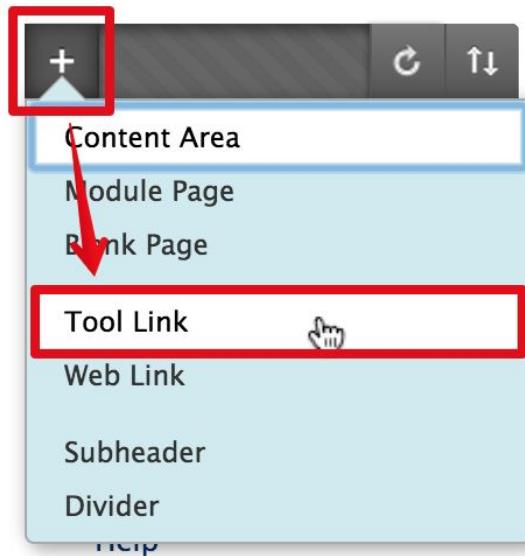
Click on the **Course Settings** link.

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" is displayed, followed by "Blackboard Learn+ Release 9.1.140152.0". On the right side, there is a user profile section with the Blackboard logo, products listed (Course Delivery, Community Engagement, Content Management), login information (Mike Kollen), and theme (Bb Learn 2012). The main content area is divided into several sections: Users, Help, Security, Courses, Cloud Management, and Building Blocks. In the Courses section, the "Course Settings" link is highlighted with a red box and has a red arrow pointing towards it from the text above. Other links in the Courses section include Courses, Course Catalog, and Move Files to Course Files. The Help section contains links like Blackboard Help for Administrators, Behind the Blackboard™, Local Support Contact, On-Demand, and Blackboard Developer Network. 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 Cloud Management section contains links for Software Updates, Cloud Connector, xpLor Settings, and Partner Cloud Settings. The Building Blocks section contains 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 'Help' link is visible at the bottom left of the dialog.

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

A screenshot of 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 red-bordered button labeled "Launch the Course Creation Wizard."

Run through the wizard and create a course.

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

A screenshot of the Blackboard Courses tab. The top navigation bar has tabs for "My Organization", "Courses" (which is highlighted with a red box), "Community", "Content Collection", "Services", and "System Admin". Below the tabs, there are two main sections: "Course List" and "Course Catalog". The "Course List" section shows 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 from the "Courses" tab above it. The "Course Catalog" section has a "Browse Course Catalog" button.

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

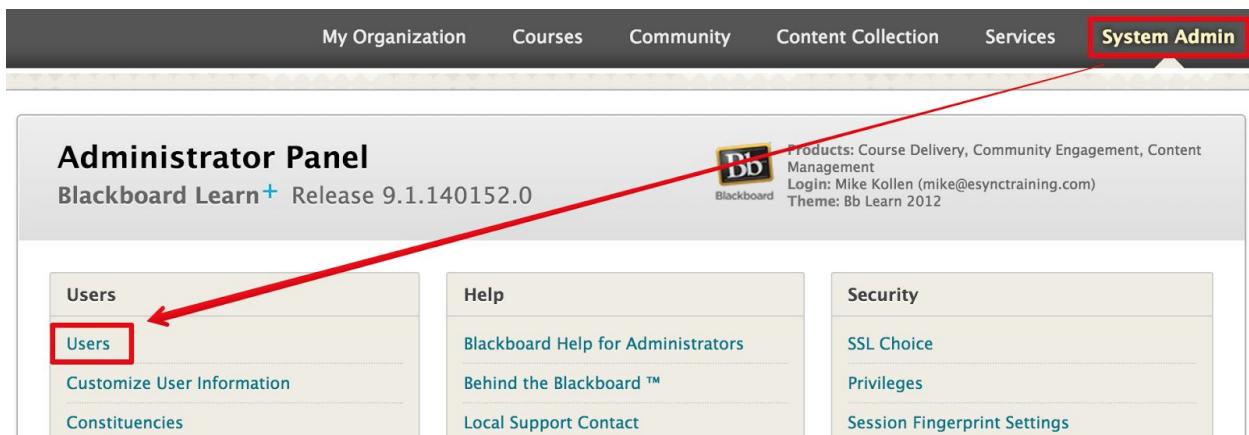
A screenshot of the Blackboard Course Home Page for the "Spanish Course". The left sidebar shows course navigation links: Home Page, Information, Content, Discussions, Groups, Tools, Help, and Adobe Connect (which is highlighted with a red box). The main content area displays the "Home Page" with a "Add Course Module" button, "My Announcements" section (showing "No Courses"), and "My Tasks" section (showing "My Tasks:").

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

## Add a New User to Your Blackboard Account

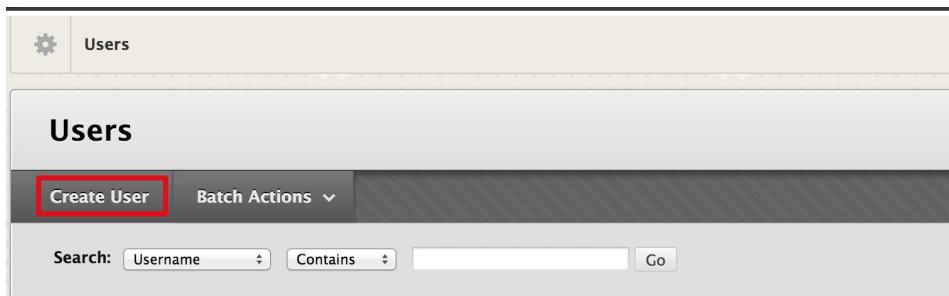
On the *Home* screen navigate to **System Admin** tab.

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 text above. 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 main sections: "Users" (with a red box around the "Users" link), "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 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 a table structure for managing 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

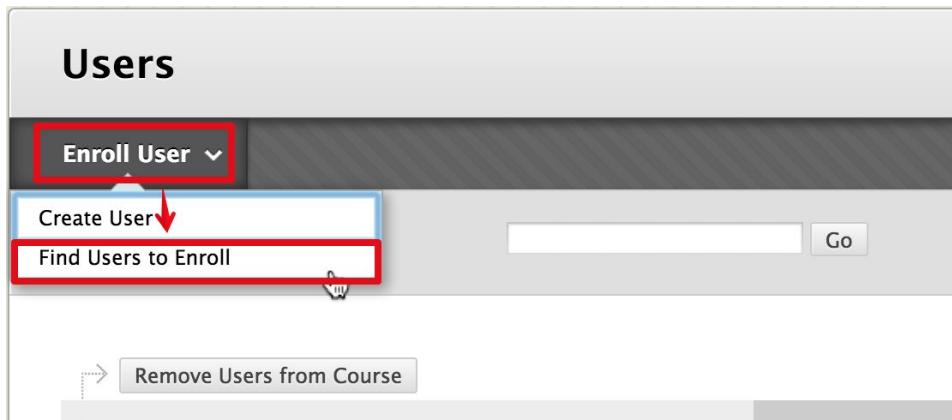
On the *Home* screen navigate to **Courses** tab. Select the required course from the list.

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 displays 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 contains 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 the "Users and Groups" section, the "Users" link is highlighted with a red box. The main content area of the page 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 input field is empty and highlighted with a blue border. To the right of the input field is a 'Browse...' button. Below the input field, there is a 'Role' dropdown menu set to 'Learner'. Underneath the role selection, there 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 "Courses" tab in the navigation bar down 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" (with a message: "My Tasks:").

Click on the **Add Meeting** button.

**Meetings List**

The screenshot shows the "Meetings List" page. At the top right, there is a "Settings" button. Below it, there is a section titled "Course Meetings" with a message: "Currently there are no meetings. Please add.". On the far right of this section, there 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. Both sections are currently showing 4 items each.

**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

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

The screenshot shows the 'Meetings List' section of the Blackboard interface. At the top right, there is a 'Settings' link. A red arrow points from the left towards this link. Below the 'Settings' link, there is a 'Course Meetings' section. It lists a single meeting titled 'Test Meeting'. To the right of the meeting title are two buttons: 'Join' and a gear icon with a dropdown arrow. Below the meeting title, there is a link labeled 'View Recordings & Reports'.

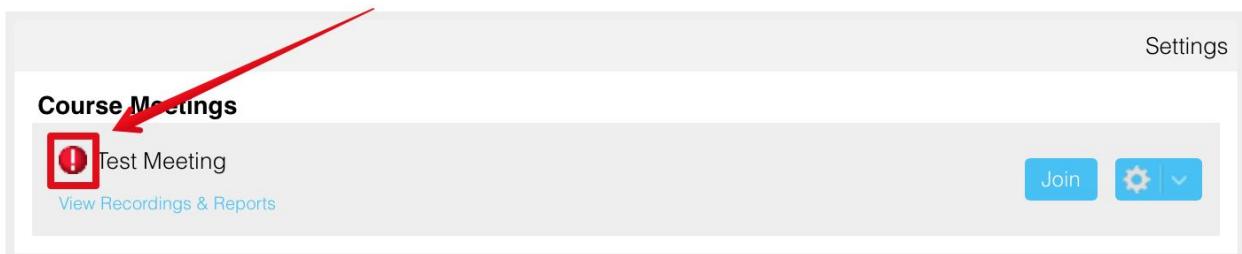
Mark the check-box confirming that you have an Adobe Connect account created using the same email as in Blackboard, enter your Adobe Connect password and click Save button to use this account.

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

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

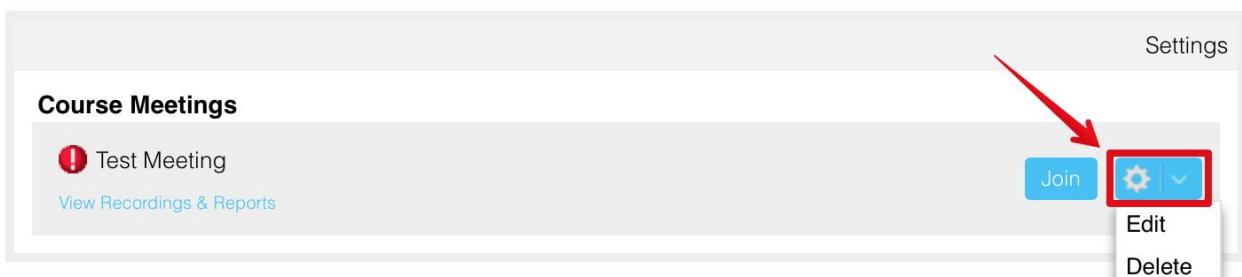
If a student adds late to the course, *Alert* icon will appear next to the meeting name in the **Meeting Information** tab.

**Meetings List**



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

**Meetings List**



Navigate to the **Participants** tab and observe the **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 from it down to the 'Participants' section below. The 'Participants' section contains two main categories: 'Blackboard Available Users (5)' and 'Adobe Connect Participants (4)'. Under 'Blackboard Available Users', there are two items: 'Student (4)' and 'Host (1)'. The 'Adobe Connect Participants' section is currently empty.

Category	Count
Blackboard Available Users	(5)
Adobe Connect Participants	(4)

Meeting Information > Participants

Blackboard Available Users (5)

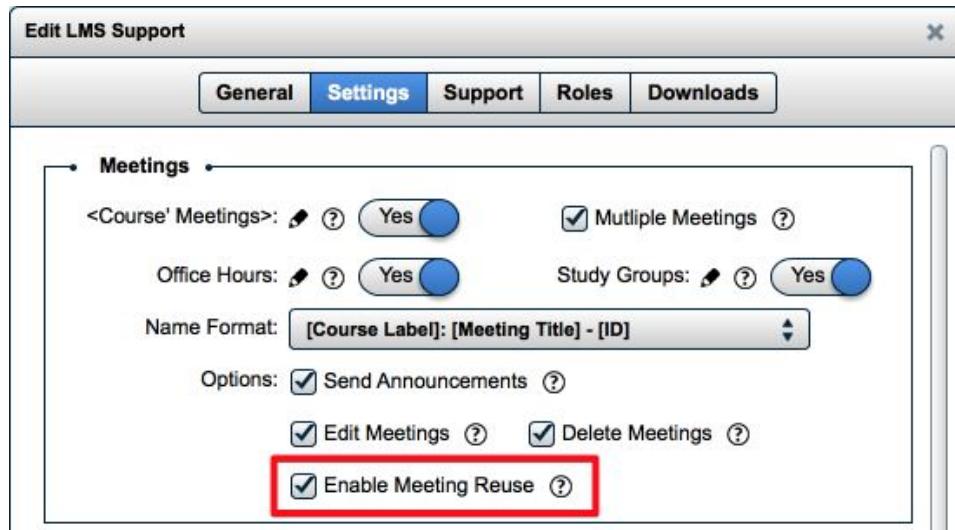
Adobe Connect Participants (4)

Student (4)

Host (1)

## 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 Adobe Connect interface. A search bar contains the text 'marketing'. The 'Participants' section has two radio buttons: 'Clean' (unchecked) and 'Merge' (checked). A list of meetings is shown, with one meeting highlighted: '[24] USD Marketing 101'. At the bottom, there are 'Cancel', 'Save', and 'Next' buttons, with 'Next' being highlighted with a red box. Red numbers 1 through 5 are overlaid on the interface to indicate specific steps: 1 points to the 'Use Existing Meeting' button, 2 points to the search bar, 3 points to the 'Merge' radio button, 4 points to the highlighted meeting in the list, and 5 points to the 'Next' button.

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/

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 small profile icons. At the bottom of each section is a 'Search' input field. Below the search fields are several 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 text above down to the 'Add Guest' button.

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. One user, 'Stan Student' (stan+student@esynctraining.com), is highlighted with a red box. A large red arrow points from this highlighted user to a dropdown menu labeled 'Save with Role'. This dropdown menu is also enclosed in a red box and lists three roles: 'Participant', 'Presenter', and 'Host'. At the bottom of the dialog, there are buttons for 'Cancel' and 'Save with Role' (which has a dropdown arrow).

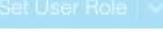
Guest users should be marked with *Green Dot* icon in the *Adobe Connect Participants* list.

Meetings List > Participants

Meeting Information Participants Settings

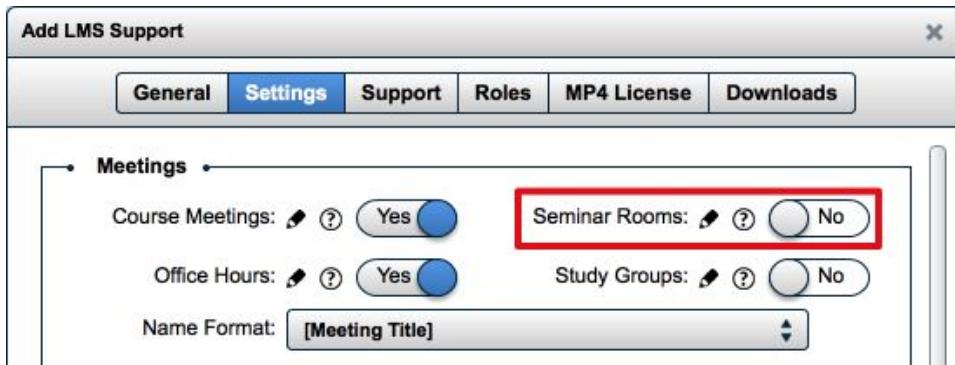
LMS Available Users (4)	Adobe Connect Participants (5)
<input type="checkbox"/> Students (3) User Kelsea Tower User Melissa Sieben User Paul Green	<input type="checkbox"/> Host (1) User Mike Kollen
<input type="checkbox"/> Teacher (1) User Mike Kollen	<input type="checkbox"/> Participants (4) User Kelsea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

Search  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'. The 'Course Meetings' section shows a test meeting with details: 'Start Time: 03/31/16 10:00 AM Duration: 1:00'. The 'Seminar Rooms' section shows a test room with details: 'Start Time: 03/31/16 10:00 AM Duration: 1:00'. Each section has 'Recordings' and 'Reports' links.

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' icon. Below it, under 'Course Meetings', there is a single entry for 'Test Meeting' with a 'Join' button and a gear icon. Under 'Office Hours', a message says 'Currently there are no meetings. Please add.' with a prominent red-bordered 'Add Meeting' button. Under 'Study Groups', a similar message says 'Currently there are no meetings. Please add.' with its own 'Add Meeting' button.

Settings

**Course Meetings**

Test Meeting

[View Recordings & Reports](#)

[Join](#)

**Office Hours**

Currently there are no meetings. Please add.

[Add Meeting](#)

**Study Groups**

Currently there are no meetings. Please add.

[Add Meeting](#)

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

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

Office Hours Information Settings

**Required**

Select Template:

**Optional**

Custom URL:

Summary:

Meeting Time:

Allow Guests

Cancel Save

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

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

## Create a Study Group Meeting (Optional)

**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' link. Below it, under 'Course Meetings', there is a 'Test Meeting' entry with a 'Join' button and a gear icon. Under 'Office Hours', there is an entry for 'Mike Kollen's Office Hours (6pm-8pm)' with a 'Join' button and a gear 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 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

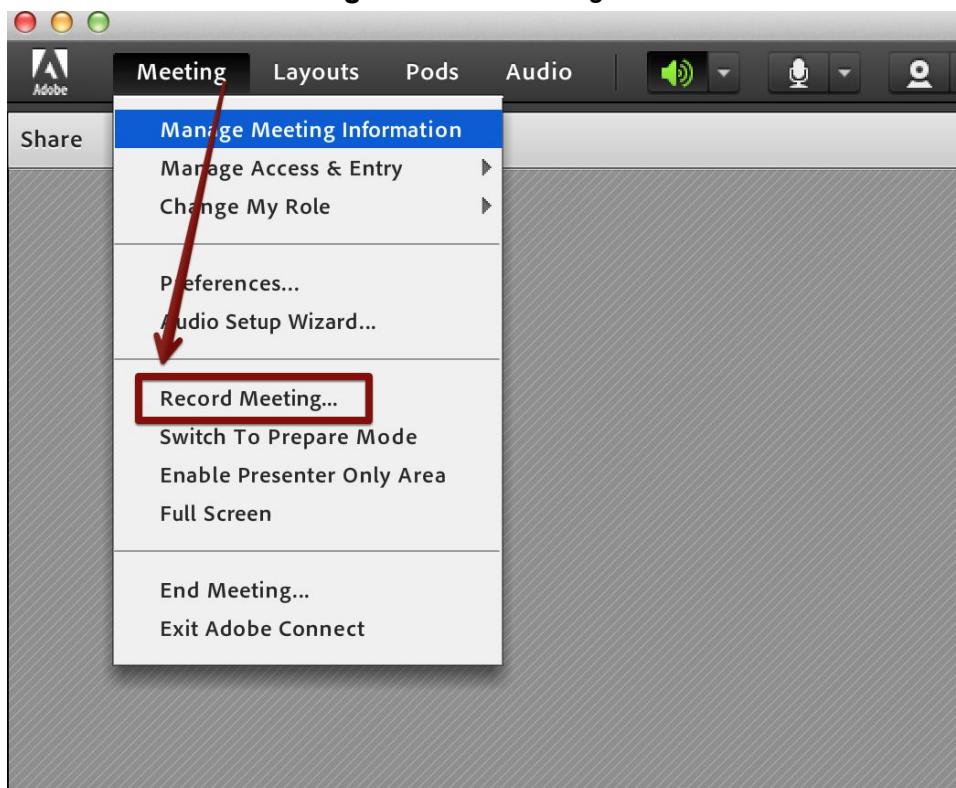
## Record the Meeting

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.



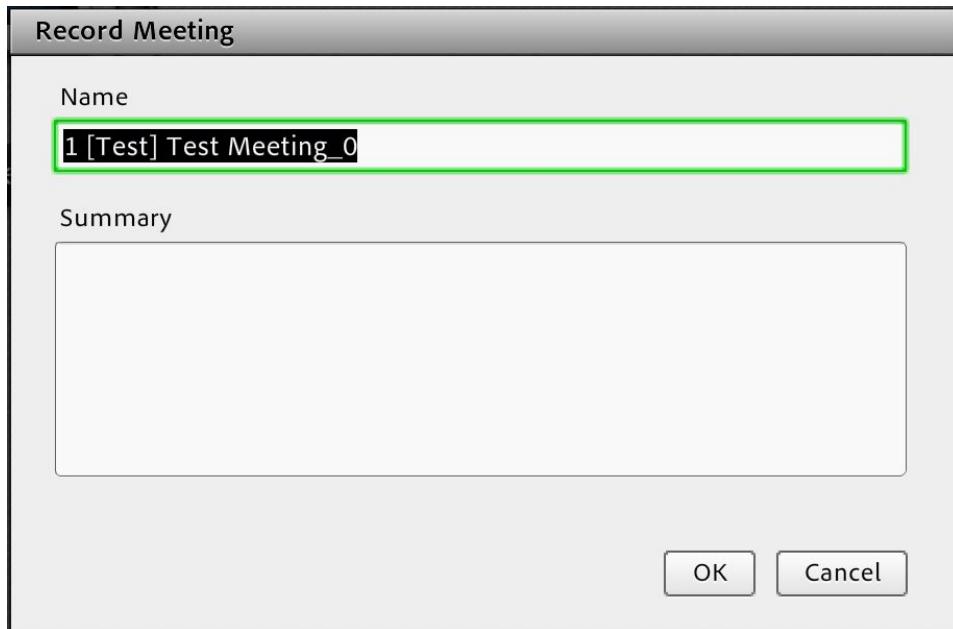
Populate the following form and click on the **OK** button to start the recording.

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. In the 'Course Meetings' section, there is a listing for 'Test Meeting'. Below the meeting name is a blue button labeled 'View Recordings & Reports'. A red arrow points from the left towards this button, indicating it should be clicked. To the right of the button are three icons: 'Join', a gear icon, and a dropdown arrow.

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 of the 'Meetings List' interface. It displays a table of recordings for the 'Test Meeting'. The columns are: Name, Access, Recording Date, Duration, Actions, and Delete. The first recording listed is '[46] Test Meeting\_0'. To the right of its name is a lock icon and a refresh icon. The recording date is 01/21/15 2:13:46 AM, and the duration is 00:00:12. To the right of the recording details are 'Actions' and 'Delete' buttons.

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.

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

Actions ▾

- Edit Recording
- Share
- 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 contains the following fields:  
Recording URL: <https://connect.esynctraining.com/p5o6ar3b7an>  
Change Access Type:  
 Private  
 Public  
Passcode (Optional):   
Buttons: Cancel, Save

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

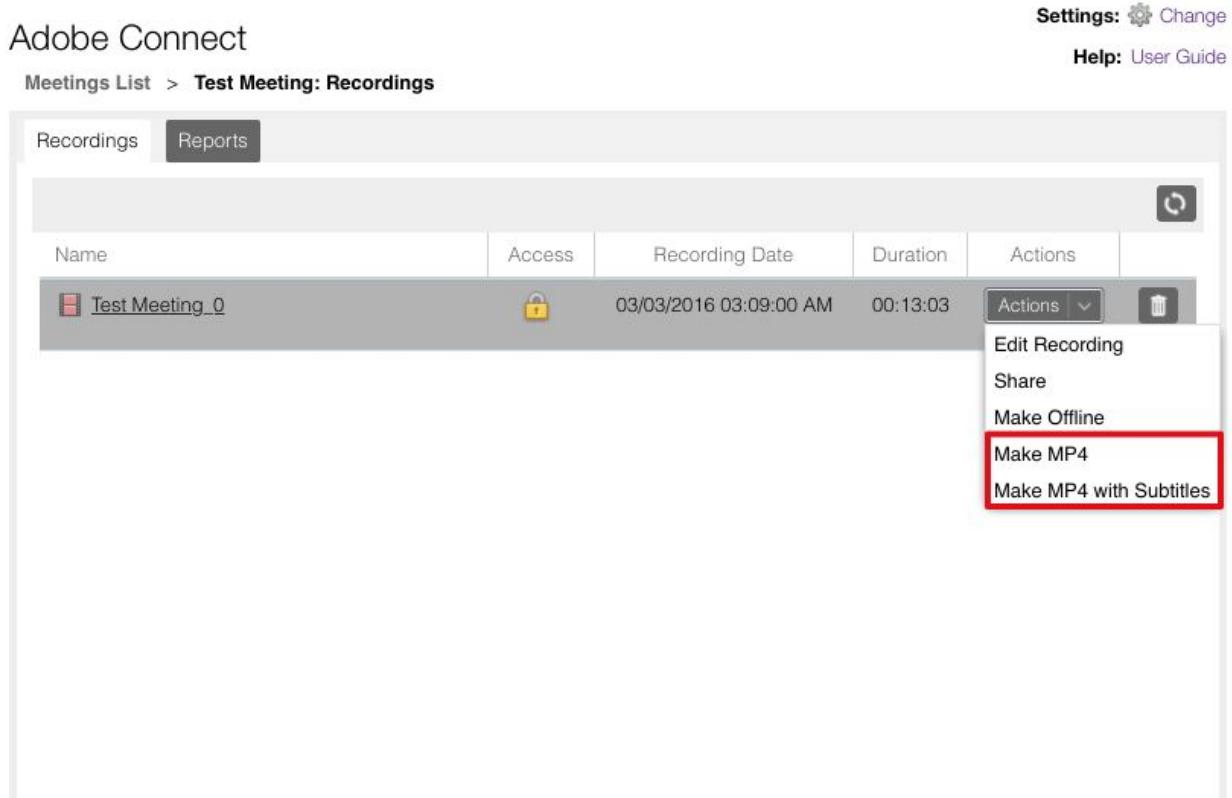
***\*\*This is an add-on feature, and a license must be purchased separately\*\****

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



The screenshot shows the 'Course Meetings' section of the Adobe Connect interface. At the top, there is a navigation bar with 'Settings: Change' and 'Help: User Guide'. Below the navigation bar, the 'Course Meetings' section has a title 'Test Meeting' and two tabs: 'Recordings' (which is highlighted with a red box) and 'Reports'. On the right side of the 'Recordings' tab, there are 'Join' and 'Settings' buttons.

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



The screenshot shows the 'Meetings List' page for a specific meeting titled 'Test Meeting'. The 'Recordings' tab is selected. A table lists the recording details: Name (Test Meeting\_0), Access (locked), Recording Date (03/03/2016 03:09:00 AM), Duration (00:13:03). To the right of the table is an 'Actions' dropdown menu. The menu items are: Edit Recording, Share, Make Offline, Make MP4 (which is highlighted with a red box), and 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**

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

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

## Adobe Connect

**Settings:** Change

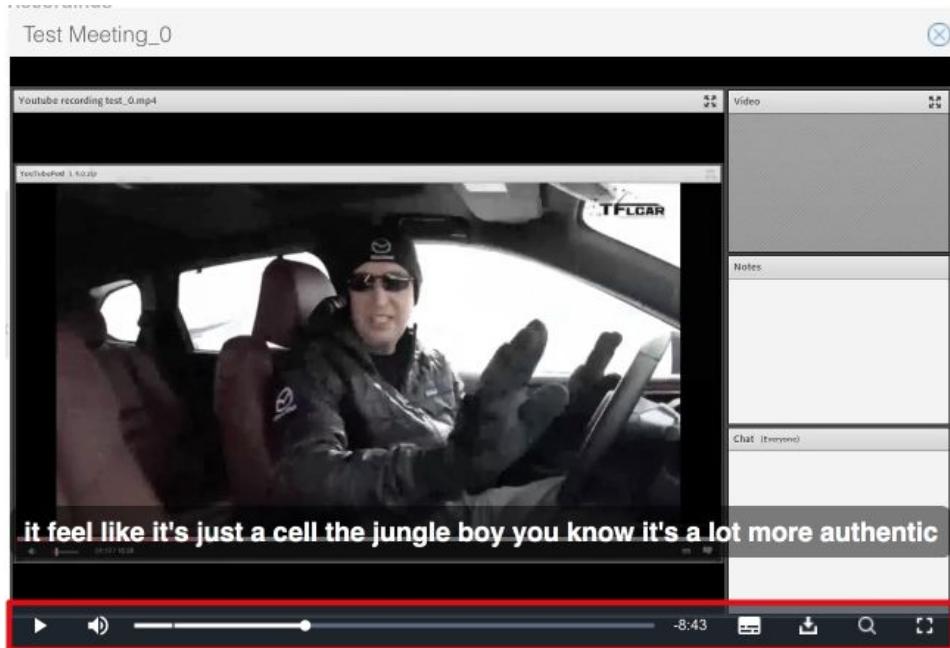
**Help:** User Guide

Meetings List > **Test Meeting: Recordings**

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

Test Meeting\_0: MP4  
Test Meeting\_0: Transcript

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*.

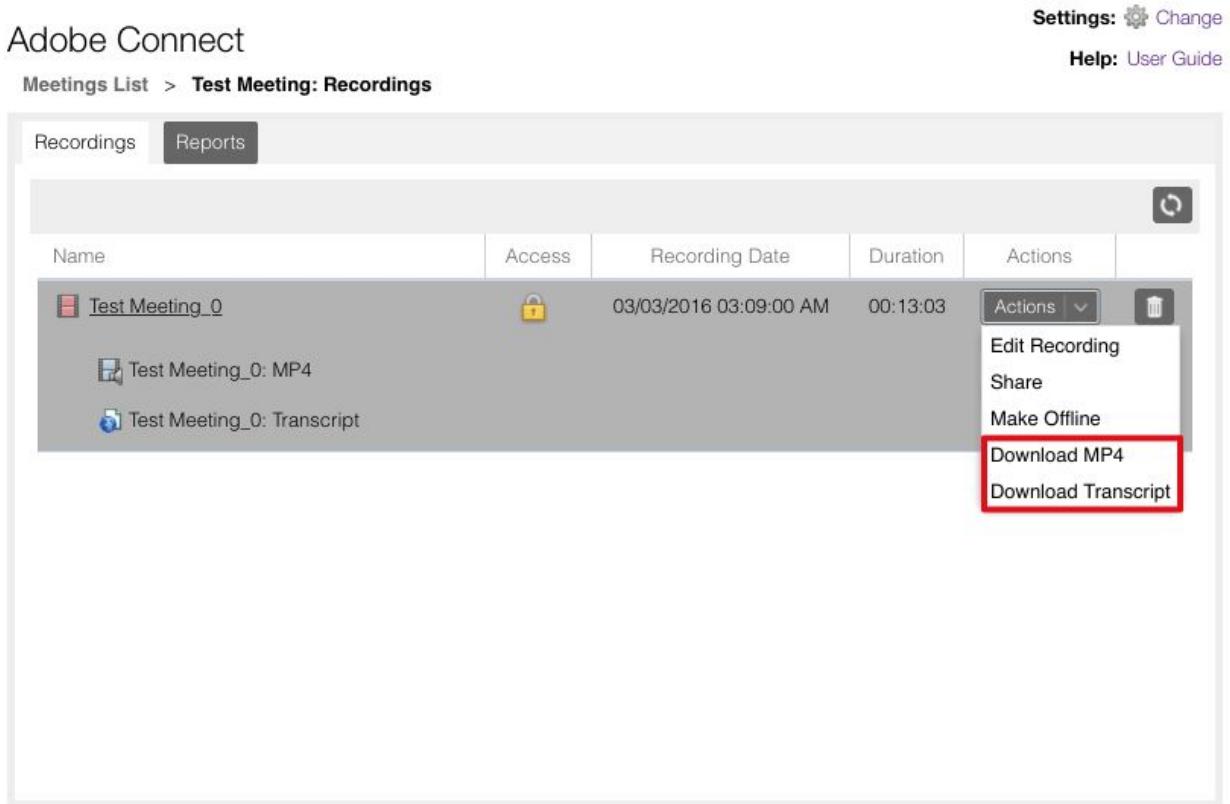
Adobe Connect

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 red arrow points to the 'By Sessions' button. To the right is a refresh icon. 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 again. The 'By Sessions' tab is selected (highlighted with a red box), while 'By Attendees' is shown below it. A red arrow points to the 'By Attendees' button. To the right is a refresh icon. 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

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

The screenshot shows the Adobe Connect 'Reports' section. At the top, there are tabs for 'Recordings' and 'Reports', with 'Reports' being the active tab. Below the tabs, there are two navigation options: 'By Attendees' and 'By Sessions'. A search bar is present above a table. The table has columns for 'Time In', 'Time Out', and 'Duration'. One row in the table is highlighted, showing 'Mike Kollen, mike@esynctraining.com (1)' with the date and time '07/29/2015 10:45 AM' and duration '0:02:36'. To the right of the table, there is a 'Settings' button and a dropdown menu. The dropdown menu is open, showing three options: 'PDF' (selected), 'Excel', and a refresh/circular arrow icon. A red box highlights the 'PDF' icon in the dropdown menu.

Time In	Time Out	Duration
07/29/2015 10:45 AM	07/29/2015 10:47 AM	0:02:36

# 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...

Add New

- Quiz/Assessment
- Test
- Survey
- Crossword
- Collaboration Map

Administration

- LMS LMS Integration
- Users

Adobe Connect Apps

Get Custom Pod v1.5

Open Recent

- 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

Watch Guided Tour

Video Tutorials

Documentation

Support

View 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

Please provide us your feedback or suggestions by clicking here

Start Here

... or *Home* screen:

Welcome, Demo Esync Admin

Help Logout

Administration

Adobe Connect Apps

EduGame Cloud

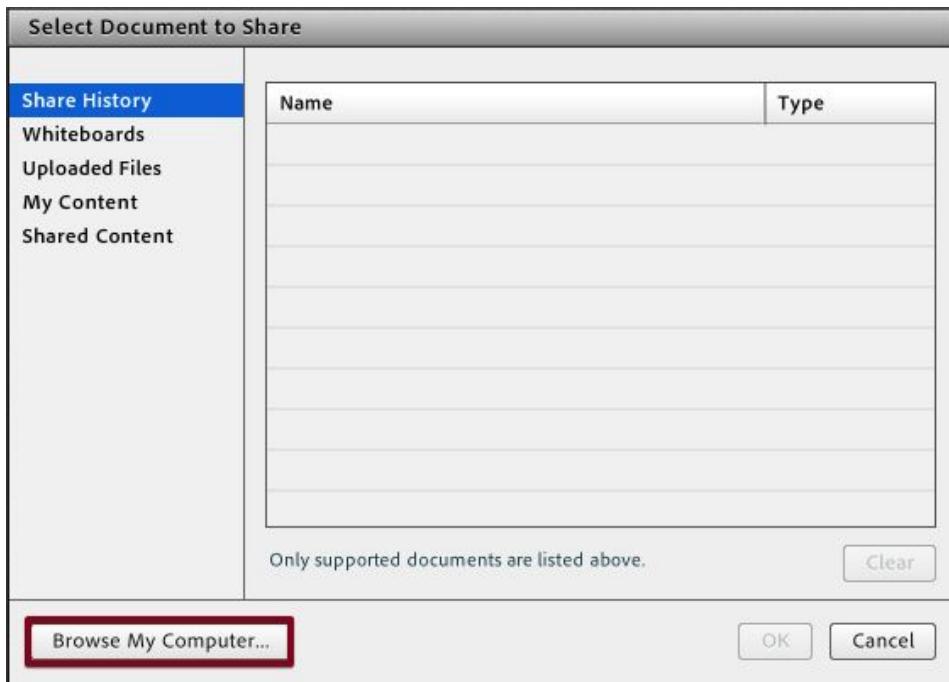
Get Custom Pod v1.5

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

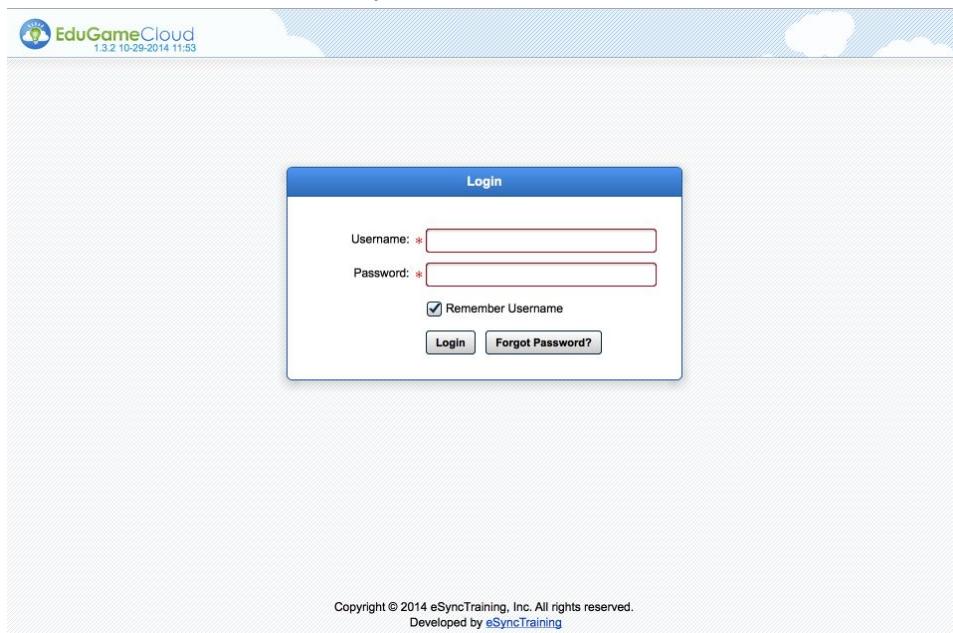
Navigate to Adobe Connect room and select the **Share Document** option from the *Share* drop-down menu.



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

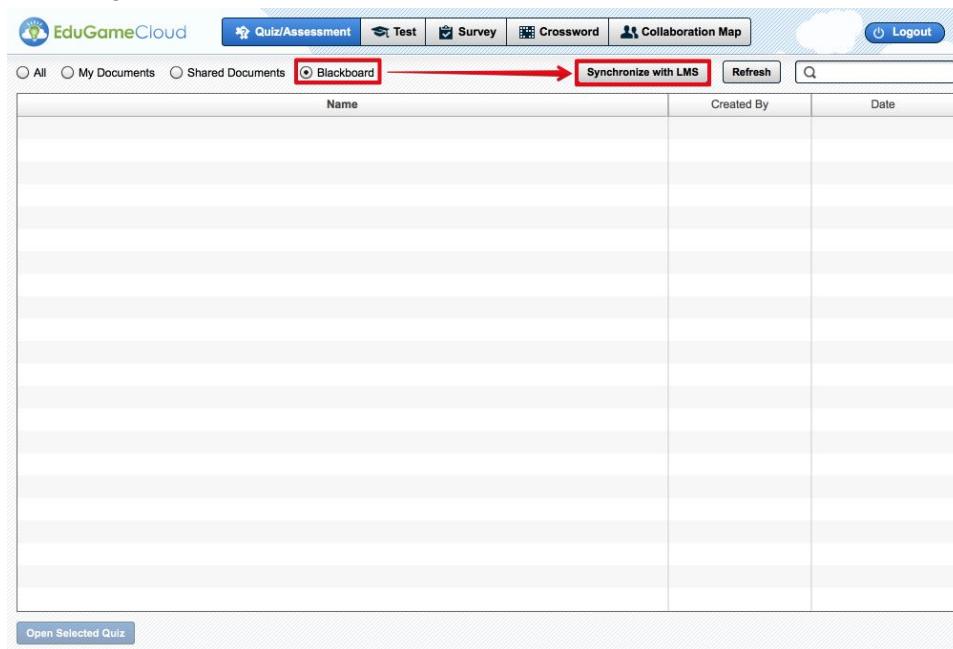


Once the build is successfully uploaded, enter valid EduGameCloud credentials.



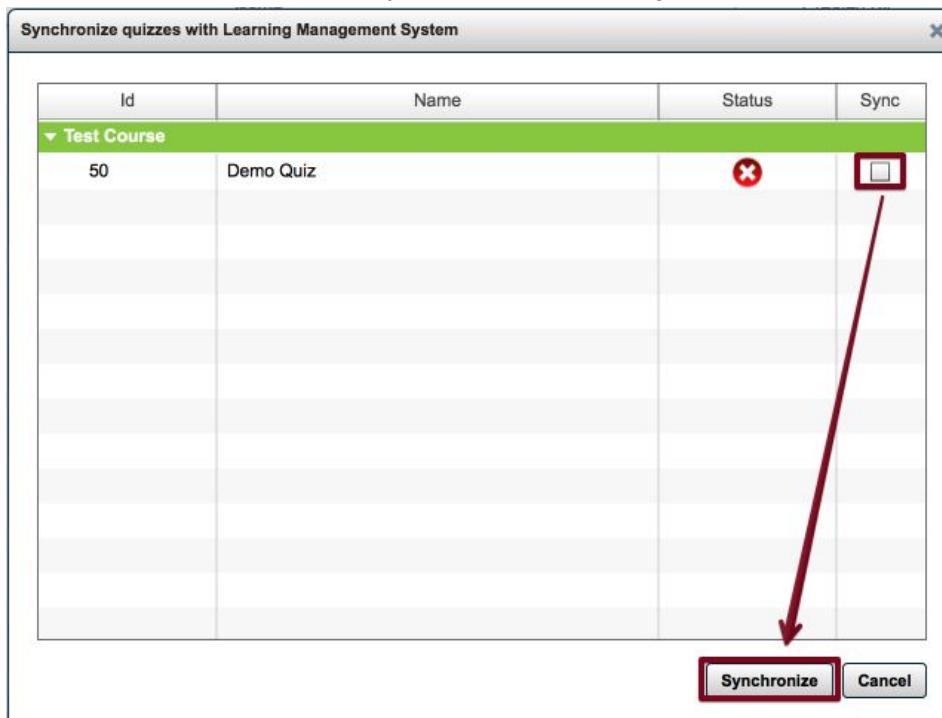
The image shows the EduGameCloud login interface. At the top left is the logo "EduGameCloud" with the version "1.3.2 10-29-2014 11:53". Below the logo is a blue header bar with the word "Login" in white. The main form has two red-bordered input fields for "Username" and "Password", both marked with an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

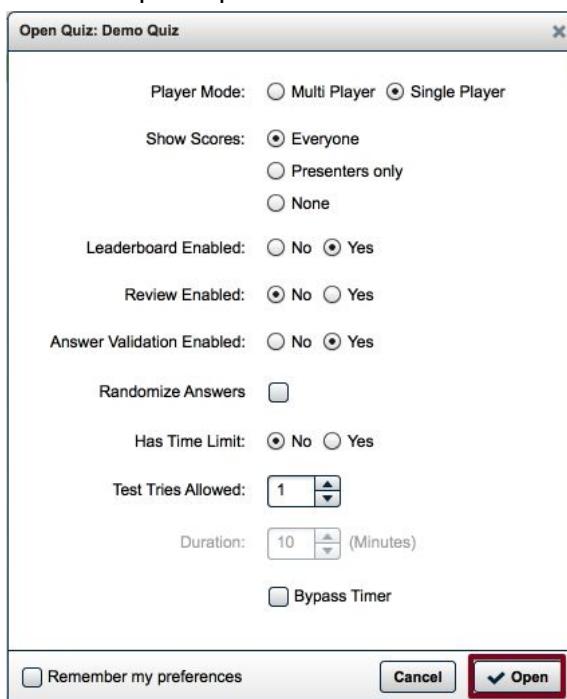
Select required quizzes/surveys and click on the **Synchronize** button.



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' (selected), 'Show Participants Score' (checked), and 'End Quiz'. Below this is the quiz title 'Test Quiz' and a category 'Numerical'. The current question is 'Question 8 of 11'. The question text is 'What is the boiling point of water?'. There is an information icon (i) and a numeric input field containing '100' with up and down arrows for adjustment. At the bottom, there are navigation buttons: 'Previous', '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:

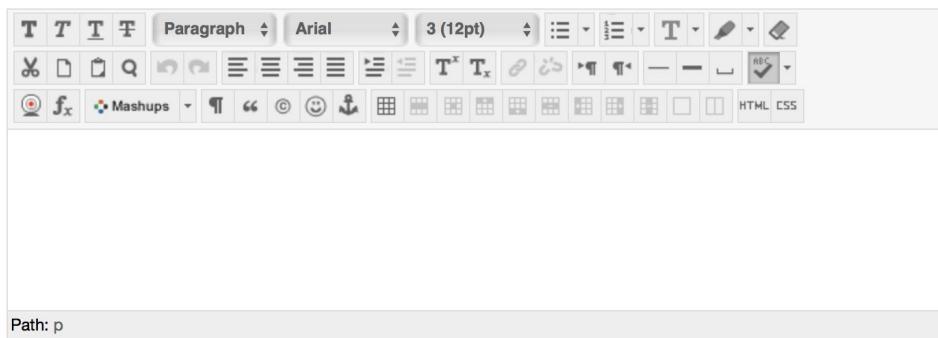
- Top Bar:** Leaderboard, Preview, Show Participants Score, End Quiz.
- Section Header:** Test Quiz.
- Question Type:** True / False.
- Question Text:** Marianas Trench is the deepest part of the world's oceans.
- Options:**
  - A. True
  - B. False
- Bottom Navigation:** Previous, Question 2 of 11,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

## Essay

Blackboard view:

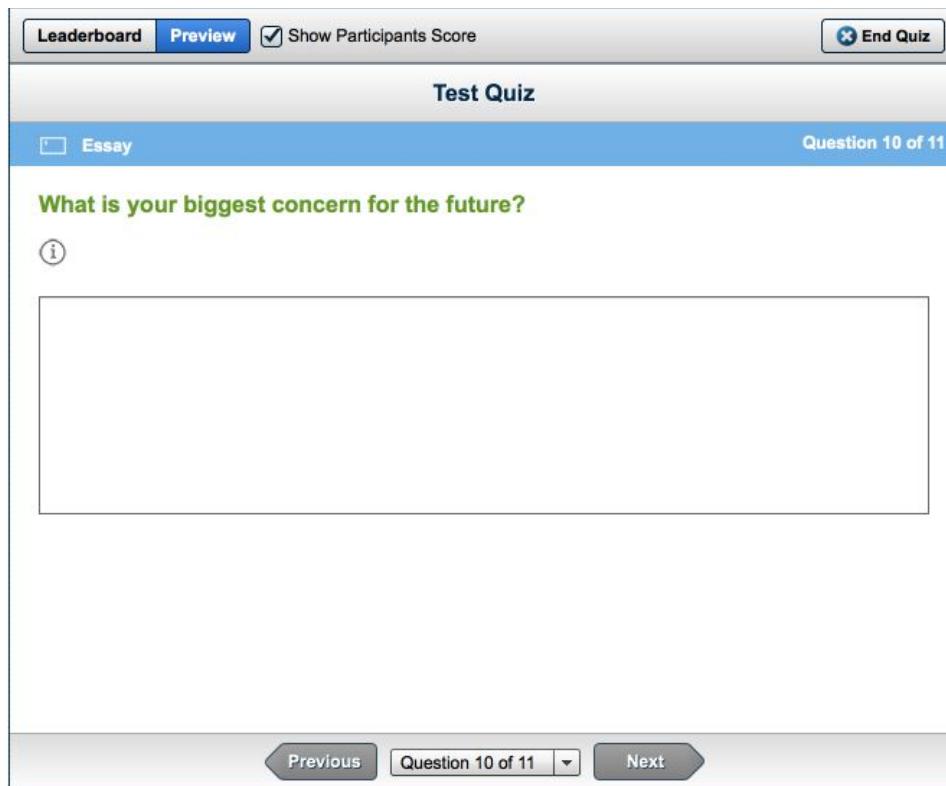
### QUESTION 4

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 from a dropdown) and 'Question 10 of 11'. The question text is 'What is your biggest concern for the future?'. There is a large text input area for the answer. At the bottom are navigation buttons for 'Previous', 'Question 10 of 11' (with a dropdown arrow), 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 (highlighted), Show Participants Score (checkbox checked), End Quiz.
- Title: Test Quiz.
- Section: Fill in the Blank (highlighted).
- 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 the first blank, and "violet" is highlighted in blue under the second blank.
- Bottom navigation: 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 titled "Test Quiz". At the top, there are buttons for "Leaderboard", "Preview" (which is highlighted in blue), "Show Participants Score" (with a checked checkbox), and "End Quiz". Below the title, it says "Question 3 of 11". The question itself is "How many states are in USA?". There is a small info icon (i) next to the question. A text input field contains the number "50". At the bottom, there are navigation buttons for "Previous", "Question 3 of 11" (with a dropdown arrow), and "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:

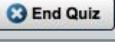
### QUESTION 9

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)

Mercedes	Germany
Fiat	Italy
Honda	France
Renault	Japan

The diagram shows four pairs of boxes, each pair connected by a blue line. The connections are: Mercedes to Germany, Fiat to Italy, Honda to France, and Renault to Japan. The connection from Renault to Japan is crossed out with a large blue X.

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 with the following elements:

- Top navigation bar: Leaderboard, Preview (selected), Show Participants Score, End Quiz.
- Title: Test Quiz.
- Section header: Single / Multiple Choice (Text).
- Question number: Question 5 of 11.
- Question text: What are the American car manufacturers?
- Options:
  - (i)
  - A. BMW
  - B. Ford
  - C. Lincoln
  - D. VW
- Bottom navigation: Previous, Question 5 of 11, 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:

- Top navigation bar: Leaderboard, Preview (selected), Show Participants Score, End Quiz.
- Title: Blackboard Test.
- Section Type: Single / Multiple Choice (Text).
- Question Number: Question 12 of 16.
- Text of the question: Apple is the most successful company in history.
- List of options:
  - (i)
  - A. Strongly Agree
  - B. Agree
  - C. Neither Agree nor Disagree
  - D. Disagree
  - E. Strongly Disagree
  - F. Not Applicable
- Bottom navigation bar: 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:

- Header:** Leaderboard, Preview (selected), Show Participants Score, End Quiz.
- Title:** Blackboard Test
- Question Type:** Short Answer
- Question Number:** Question 14 of 16
- Question Text:** Current president of USA.
- Help:** ⓘ
- Answer Input:** Who is Barack Obama?
- Navigation:** Previous, Question 14 of 16, Next.

## Short Answer

Blackboard view:

### QUESTION 15

What color is the sky?

The image shows 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 this area is a status bar showing the text "Path: p".

EduGameCloud view:

The image shows a screenshot of the EduGameCloud quiz interface. At the top, there are buttons for "Leaderboard", "Preview" (which is selected), and "Show Participants Score". To the right is a "End Quiz" button. The main title of the quiz is "Blackboard Test". Below the title, it says "Question 15 of 16". The question type is "Short Answer". The question text is "What color is the sky?". There is a help icon (info symbol) next to the question. Below the question is a text input field containing the answer "Blue". At the bottom, there 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

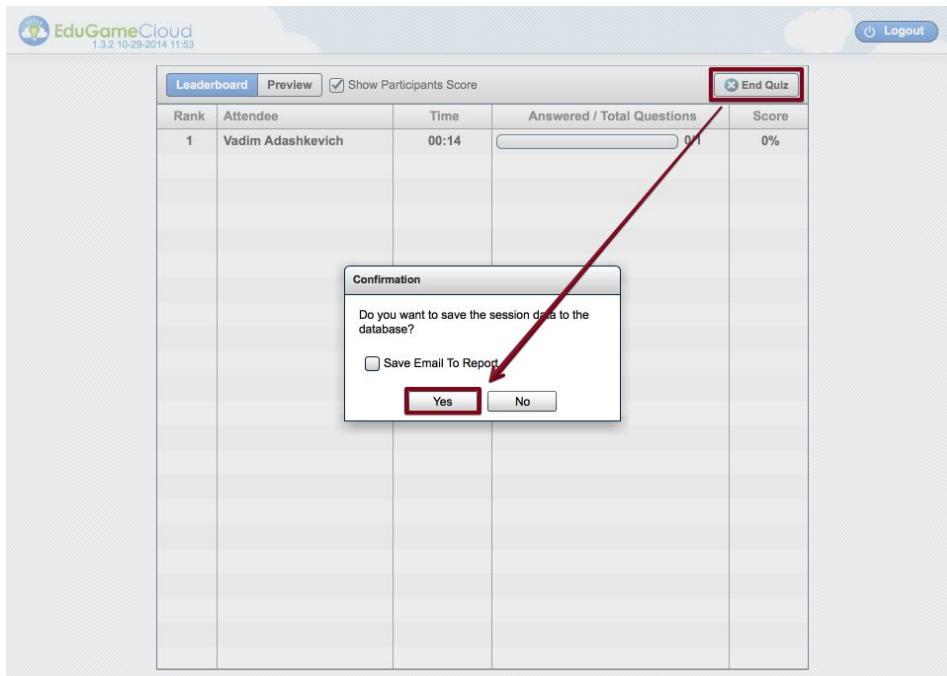
EduGameCloud view:

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."
- Answer choices:
  - 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 Management navigation menu. The menu is organized into sections: COURSE MANAGEMENT, Control Panel, Content Collection, Course Tools, Evaluation, Results Center, and Users and Groups. The "Results Center" section is expanded, showing "Needs Evaluation", "Full Results Center" (which is highlighted with a red box), "Exercises", and "Tests". The "Full Results Center" link is the target of the red box and arrow from the previous image.

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 links for 'Add New' (Quiz/Assessment, Test, Survey, Crossword, Collaboration Map), 'Administration' (LMS Integration, highlighted with a red box, and Users), and 'Adobe Connect Apps' (Get Custom Pod v1.5). The main area has sections for '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 for 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. A 'Change Password' link is also present. The main content area displays a table with one row of data:

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	dropdown	Primary Color: <span style="background-color: #0070C0; color: white; padding: 2px;"> </span>
Title	Adobe Connect	
Consumer Key	8dec4bc-[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

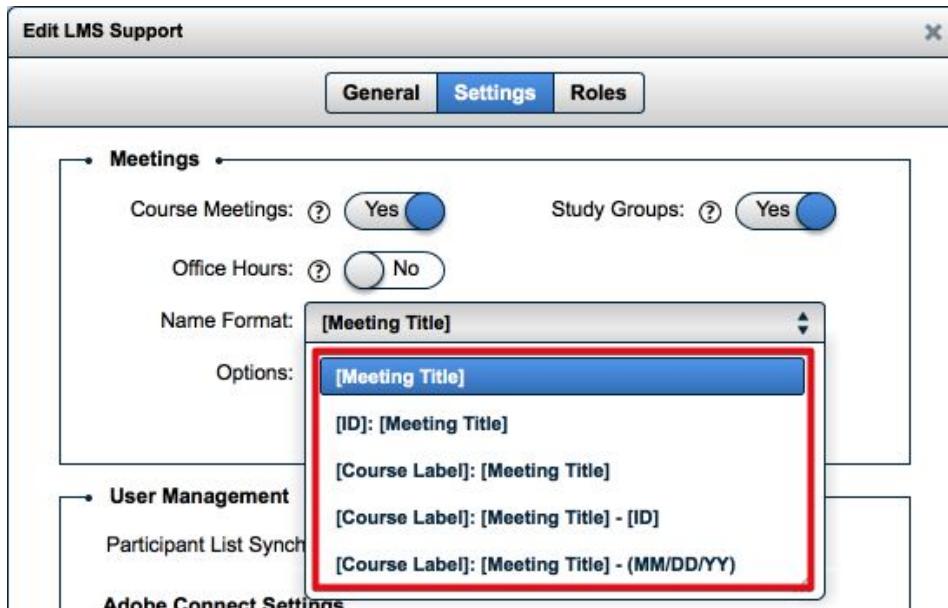
## Use FLV

Create an offline recording as an FLV file

## Use MP4

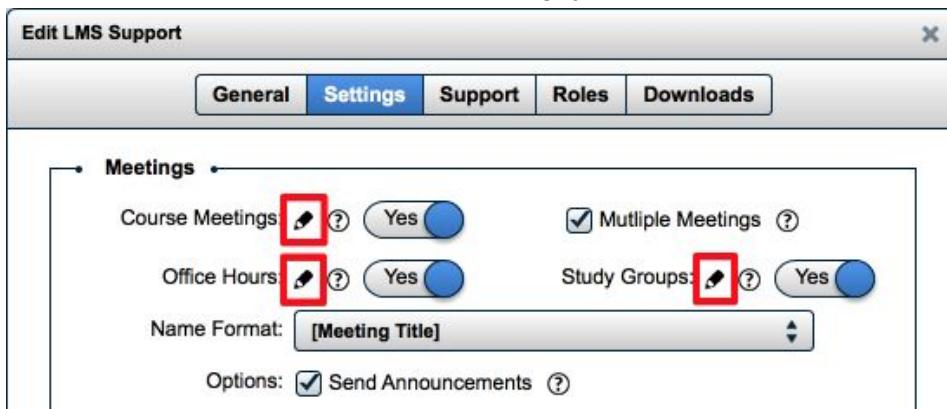
Create an offline recording as an FLV file

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

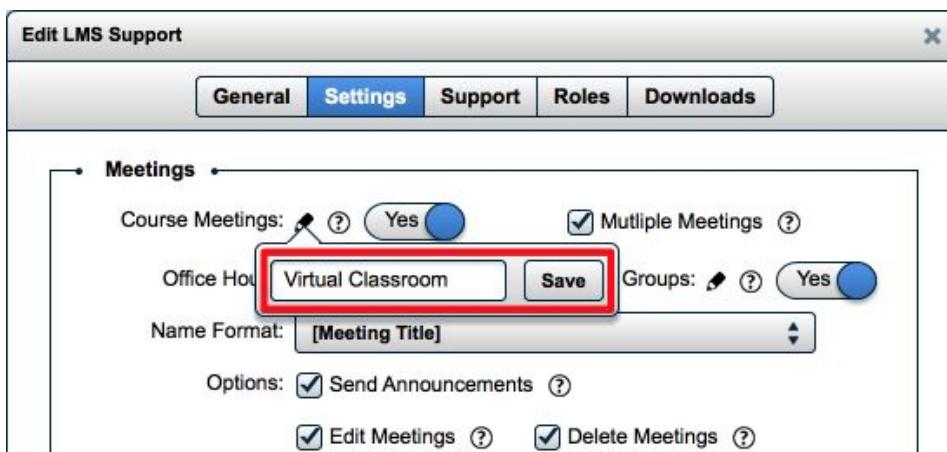


When user creates a meeting in the **Adobe Connect LTI**, only *Meeting Title* should be specified. Thus appropriate meeting will be created in a Adobe Connect and named using the chosen template.

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 large text area labeled 'Your Support Information (Optional)' containing the text 'Support Information for participants.' At the bottom of this area is a rich text editor toolbar with font selection, size, bold, italic, underline, and other styling options. Below the toolbar is a URL input field containing 'http://'. A 'Save' button is located at the bottom right of the main content area.

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

Adobe Connect

**Meetings List**

The screenshot shows the 'Meetings List' section of the Adobe Connect interface. It includes a 'Course Meetings' section with a 'Test Meeting 101' entry and a 'Join' button, and an 'Office Hours' section stating 'Currently there are no meetings. Please add.' Below these is a red-bordered 'Instructions/Support' section containing the text 'Support Information for participants.' This entire 'Instructions/Support' section is highlighted with a red border.

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	Presenter
Designer	
Observer	Participant

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 main sections: '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 section to the 'Presenter' role in the Adobe Connect section, 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 sections 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 need to be granted the right to use Web Services.*

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 has a red arrow pointing to it), 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.*

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 listed in the available tools list. This setting applies to both 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. A red box highlights the 'Edit' icon in the first column of this row. A red arrow points from the text 'Edit the license' to this 'Edit' icon.

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.)  
 - Delete Meetings:   
 - Edit Meetings:   
 - Settings Visible:   
 - LMS Help:   
 - EGC Help:   
 - Course Meetings:   
 - Office Hours:   
 - Study Groups:   
 - Buttons at the bottom: Cancel and Save (The Save button is highlighted with a red box.)

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. Below the navigation bar, there is a header area 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 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 has a red arrow pointing to it), and Web Services.

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 toolbar with buttons for 'Approve', 'Exclude', and 'Delete'. A table lists provider domains with columns for 'Domain', 'Status', 'Credentials', and 'Server'. One row for 'app.edugamecloud.com' is selected and highlighted in yellow. 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' and the sub-instruction is '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 large red arrow points from the text "Click on the Web services link." to the "Web Services" button in the screenshot.

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

Availability	SSL	Discoverability	Refresh
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WSDL Location
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Announcement.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/Announcement.WS?wsdl
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Calendar.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/Calendar.WS?wsdl
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Content.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/Content.WS?wsdl
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Context.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/Context.WS?wsdl
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Course.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/Course.WS?wsdl
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CourseMembership.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/CourseMembership.WS?wsdl
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gradebook.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/Gradebook.WS?wsdl
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NotificationDistributorOperations.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/NotificationDistributorOperations.WS?wsdl
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	User.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/User.WS?wsdl
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Util.WS http://blackboard.advantageconnectpro.com/webapps/ws/services/Util.WS?wsdl

Availability      SSL      Discoverability      Refresh

Displaying 1 to 10 of 10 items | [Show All](#) | [Edit Paging...](#)

The screenshot shows a list of web services. A context menu is open over the 'Announcement.WS' row, with the 'Make Available' option highlighted. A red box and arrow point to this option. The 'Availability' column header has a red box around it.

## 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 table with columns: 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 **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, 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 (which has a red arrow pointing to it), and Web Services. The Web Services link 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		
	Availability	SSL	Discoverability	Refresh
<input type="checkbox"/>	Make Available		WSDL Location	Available    SSL Required    Discoverable    Logging
<input checked="" type="checkbox"/>	Make Unavailable		<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    Yes    Common
<input type="checkbox"/>	Announcement.WS			
<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    Yes    Common
<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    Yes    Common
<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    Yes    Common
<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    Yes    Common
<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    Yes    Common
<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    Yes    Common
<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    Yes    Common
<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    Yes    Common
<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    Yes    Common

## 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