



&



Blackboard



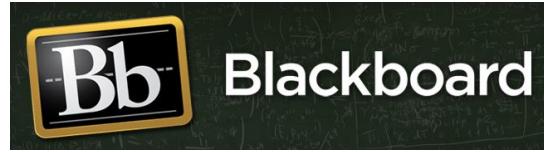
Adobe Connect

LTI Integration

User Guide (Version 1.8.2)



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& Adobe Connect

User Guide
Version 1.8.2

What's New In v1.8.2?

[Virtual Classrooms Support \(Optional\)](#)

Add Adobe Connect LTI Link to the Course

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

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

[Enroll Users to the Course](#)

Create a New Adobe Connect Meeting

[Meeting Reuse \(Optional\)](#)

[Adding Guests to Meeting](#)

[Virtual Classrooms Support \(Optional\)](#)

[Seminars Support \(Optional\)](#)

Create an Office Hours Meeting (Optional)

Create a Study Group Meeting (Optional)

[Student's Study Group](#)

Meetings Sessions Support

Blackboard Announcements

Adobe Connect Recordings

[Record the Meeting](#)

[View / Watch Recordings](#)

[MP4 Conversion](#)

View Meeting Reports

Content Management

Audio Provider Support

[MeetingOne](#)

EduGameCloud in Adobe Connect

[Import Blackboard Test/Survey to EduGameCloud](#)

Supported Question Types

[Calculated Formula](#)

[Calculated Numeric](#)

[Either/Or](#)

[Essay](#)

[Fill in Multiple Blanks](#)

[Fill In the Blank](#)

[Hot Spot](#)

[Jumbled Sentence](#)

[Matching](#)

[Multiple Answer](#)

[Multiple Choice](#)

[Opinion Scale/Likert](#)

[Ordering](#)

[Quiz Bowl](#)

[Short Answer](#)

[True/False](#)

[View the Quiz/Survey Results in Blackboard](#)

[EduGame Cloud Administration](#)

[Configure LMS License in EduGame Cloud](#)

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

[Using Proxy Tool](#)

[Using Admin Credentials](#)

[Getting Support](#)

What's New In v1.8.2?

Note: please clear your cache and restart your browser to apply latest features.

Virtual Classrooms Support (Optional)

On the EduGame Cloud LMS license *Settings* page user can enable the **Virtual Classrooms** (is disabled by default, can be edited) option.

Edit LMS Support

General Settings Support Roles Audio MP4 License Downloads

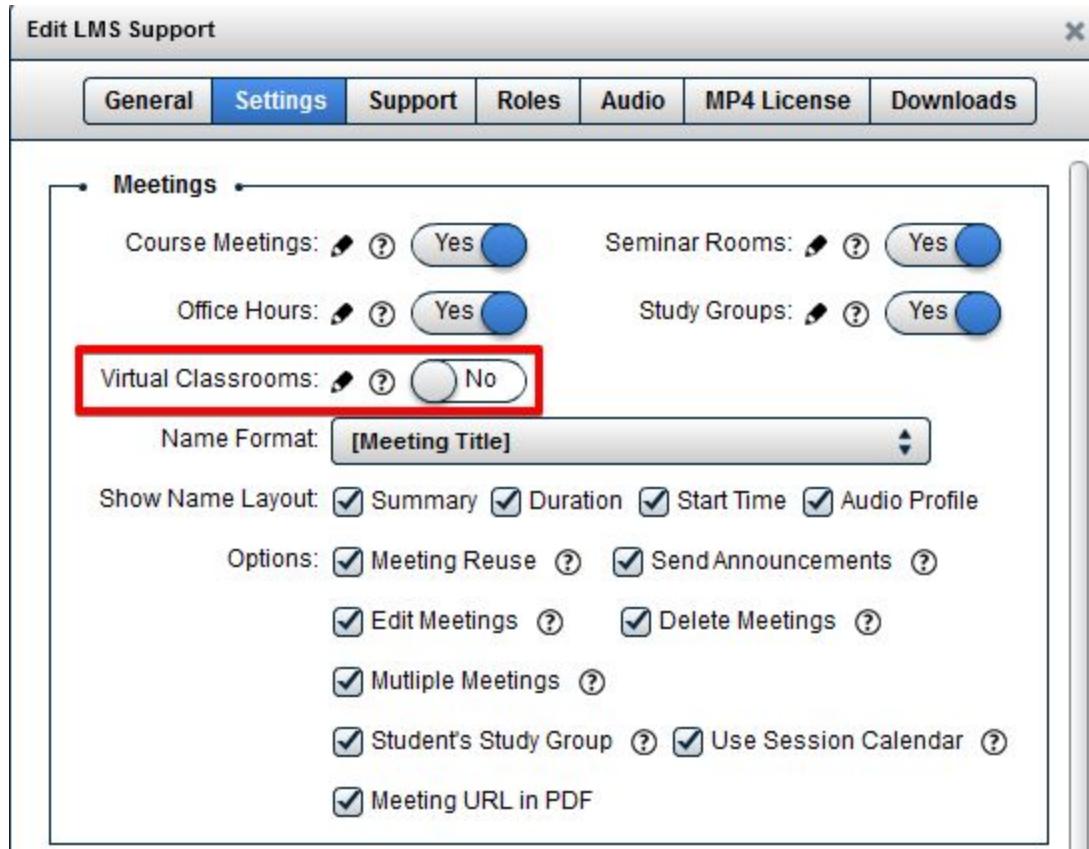
Meetings

Course Meetings: Yes Seminar Rooms: Yes
Office Hours: Yes Study Groups: Yes
Virtual Classrooms: No

Name Format: [Meeting Title]

Show Name Layout: Summary Duration Start Time Audio Profile

Options: Meeting Reuse Send Announcements
 Edit Meetings Delete Meetings
 Multiple Meetings
 Student's Study Group Use Session Calendar
 Meeting URL in PDF



This setting allows teachers to create *Virtual Classrooms* and *Sessions* in Adobe Connect.

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

To create a *Virtual Classroom* open the **Create** dropdown menu and select **Virtual Classroom** option.

The screenshot shows the Adobe Connect LTI interface. At the top right, there is a dropdown menu labeled "Create" with a downward arrow. A sub-menu is displayed, showing "Course Meeting", "Seminar Room", and "Virtual Classroom". The "Virtual Classroom" option is highlighted with a purple background and a mouse cursor is hovering over it. The main content area is divided into several sections:

- Course Meetings**: Shows a list of meetings, including "March2017 course meeting" and "March2017 course meeting #1". Each meeting has a "Join" button and a gear icon with a dropdown arrow.
- Virtual Classrooms**: Shows a message: "Currently there are no meetings."
- Seminar Rooms**: Shows a list, including "March2017 Seminar Room". Each item has a "Join" button and a gear icon with a dropdown arrow.
- Office Hours**: Shows a list, including "March2017 Teacher: Office Hours (15:00)". Each item has a "Join" button and a gear icon with a dropdown arrow.
- Study Groups**: Shows a list, including "March2017 Study Group". Each item has a "Join" button and a gear icon with a dropdown arrow. There is also a blue "Add Meeting" button at the top right of this section.

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

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

Information Participants Sessions

select Create New Meeting or search for and Use Existing Meeting
[Create New Meeting](#) | [Use Existing Meeting](#)

Required

Name: March2017 Virtual Classroom

Select Template: Default Meeting Template

Optional

Classroom ID:

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

Summary:

Start Time: 03-10-2017  06:30 PM 

Duration: 01:00 

Access:

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

Cancel **Next** **Save**

Map Canvas 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. Click on the **Next** button.

[Meetings List](#) > [March2017 Virtual Classroom: Participants](#)

Information Participants Sessions

Canvas Available Users (2)

- Student (1)
yura+march2017
- Teacher (1)
Mike Kollen

Search

Add Add Guest Set User Role Remove

Adobe Connect Participants (2)

- Host (1)
Mike Kollen
- Participant (1)
yura+march2017

Search

Back Next Finish

Turn on Generate Sessions option, populate the following form and click on the **Finish** button to complete the process.

[Meetings List](#) > [March2017 Virtual Classroom: Sessions](#)

Information Participants Sessions

Generate Sessions

Start Time: 03-10-2017 02:00 PM

Duration: 01:00

Days Class Meets: Sunday Monday Tuesday Wednesday
 Thursday Friday Saturday

Week(s): 1

Back Finish

As a result the new **Virtual Classroom** will appear on Meeting List view under **Virtual Classrooms** area.

The screenshot shows a user interface for managing meetings. At the top right, there is a "Seminar License # [REDACTED]" field and a "Create" button. Below this, the "Course Meetings" section lists two entries: "March2017 course meeting" and "March2017 course meeting #1". Each entry includes a "Join" button and a settings icon. Underneath these, the "Virtual Classrooms" section contains one entry: "March2017 Virtual Classroom", which is highlighted with a red rectangular box. This entry also includes a "Join" button and a settings icon. Below this, the "Seminar Rooms" section lists one entry: "March2017 Seminar Room", which includes a "Join" button and a settings icon. Navigation links "Recordings | Reports | Manage Sessions" are present in each section.

Section	Meeting/Room Name	Start Time	Duration	Actions
Course Meetings	March2017 course meeting	03/10/17 01:00 AM	01:00	Join Settings
	March2017 course meeting #1			Join Settings
Virtual Classrooms	March2017 Virtual Classroom	03/10/17 06:45 PM	1:00	Join Settings
	Recordings Reports Manage Sessions			Join Settings
Seminar Rooms	March2017 Seminar Room	03/10/17 02:15 AM	1:00	Join Settings

Course Administrator Guide

Add Adobe Connect LTI Link to the Course

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

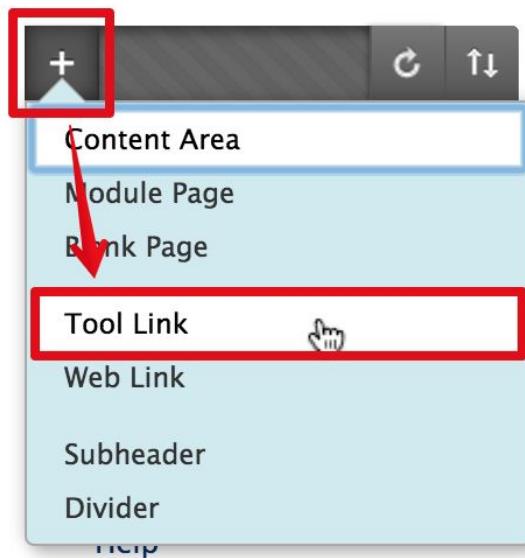
Click on the **Course Settings** link.

The screenshot shows the Blackboard Learn Administrator Panel. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box and has a red arrow pointing towards it from the text above. Below the navigation bar, the title "Administrator Panel" and "Blackboard Learn+ Release 9.1.140152.0" are displayed. To the right, 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 border around it. Below this, there are three other sections: 'Default Course Properties', 'Course Images', and another 'Course Menu and Structures' section which is described as defining a default Course Menu for new courses and managing course structures. The entire interface has a light gray background with dark gray header and footer bars.

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 a dialog box titled 'Add Tool Link'. 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. The dialog box has a light blue background with white text and a dark blue header bar at the top. A 'Help' link is visible at the bottom left of the main interface.

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 button labeled "Course Creation Wizard". Below it, a text box contains the instruction "Create courses using an easy step-by-step wizard approach." followed by a red-bordered link "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 tab bar includes "My Organization", "Courses" (which is highlighted with a red box), "Community", "Content Collection", "Services", and "System Admin". Below the tab bar, there are two sections: "Course List" and "Course Catalog". The "Course List" section shows "spanish101: Spanish Course" selected (highlighted with a red box) and "101: ACP 101" listed below it. A red arrow points from the "Courses" tab in the header to the "spanish101: Spanish Course" link in the list.

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

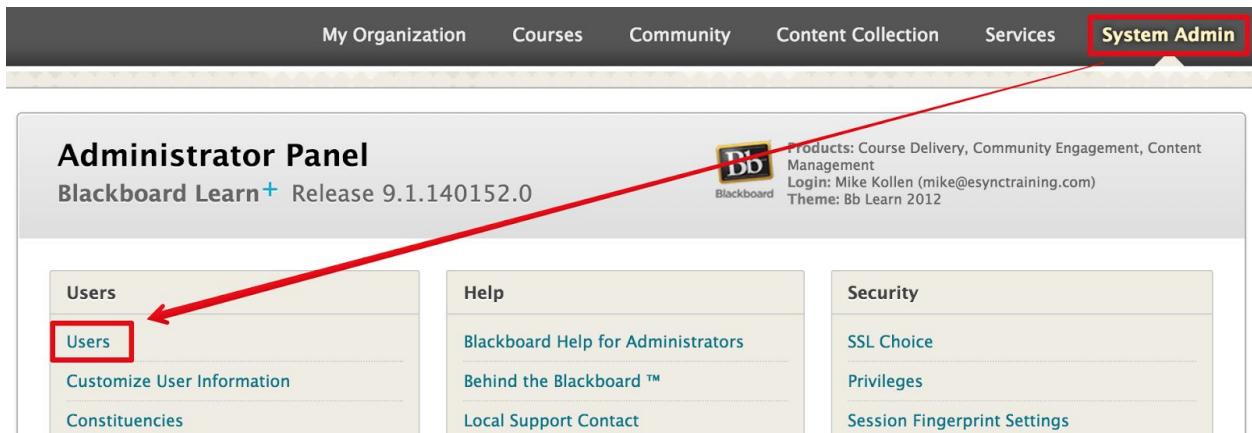
A screenshot of the Blackboard Course Home Page for "Spanish Course". The left sidebar lists course modules: "Home Page", "Information", "Content", "Discussions", "Groups", "Tools", "Help", and "Adobe Connect" (which is highlighted with a red box). The main content area shows the "Home Page" with a "Add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

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

Add a New User to Your Blackboard Account

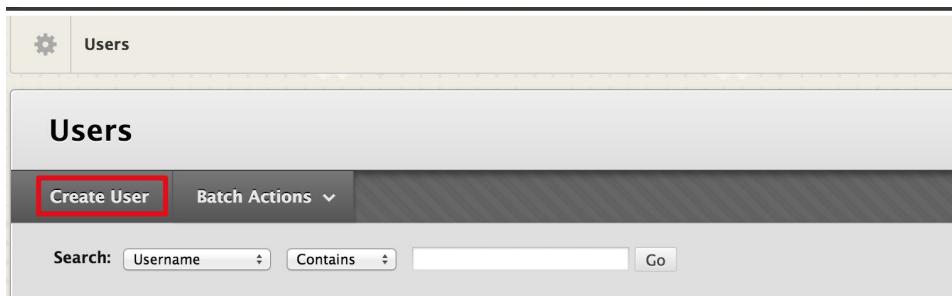
On the *Home* screen navigate to **System Admin** tab.

Click on the **Users** link.



The screenshot shows the Blackboard Learn Administrator Panel. At the top, there is a navigation bar with links: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin link is highlighted with a red box. Below the navigation bar is the title "Administrator Panel" and the text "Blackboard Learn + Release 9.1.140152.0". To the right of the title is the Blackboard logo and some system information: "Products: Course Delivery, Community Engagement, Content Management", "Login: Mike Kollen (mike@esynctraining.com)", and "Theme: Bb Learn 2012". The main content area is divided into three columns. The left column contains links: "Users" (which is highlighted with a red box and has a red arrow pointing to it), "Customize User Information", and "Constituencies". The middle column contains links: "Help" (with "Blackboard Help for Administrators", "Behind the Blackboard™", and "Local Support Contact"), and "Security" (with "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" (which is highlighted with a red box) and "Batch Actions". Underneath the header is a search bar with the placeholder "Search: Username Contains Go".

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

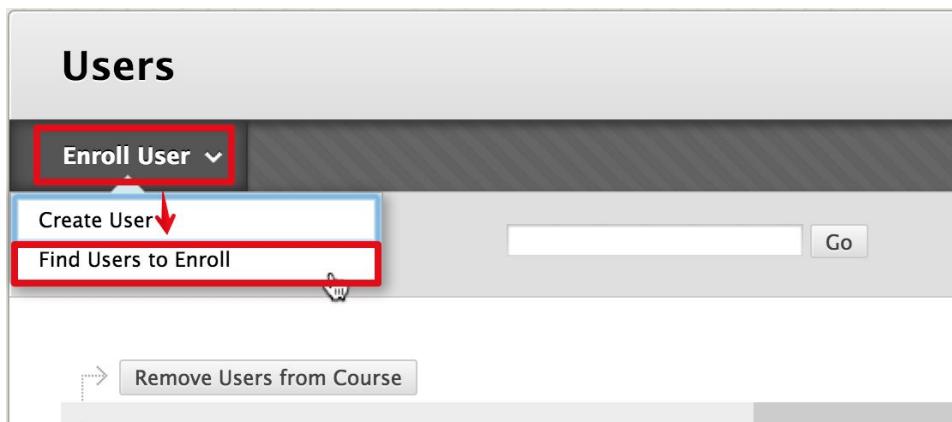
On the *Home* screen navigate to **Courses** tab. Select the required course from the list.

The screenshot shows the Blackboard Home screen with a navigation bar at the top containing links for 'My Organization', 'Courses' (which is highlighted with a red box), 'Community', 'Content Collection', 'Services', and 'System Admin'. Below the navigation bar is a 'Course List' section. A red arrow points from the 'Courses' tab in the navigation bar down to the 'spanish101: Spanish Course' link in the 'Course List' section, which is also highlighted with a red box. The 'Course Catalog' section is visible on the right side of the screen.

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 a navigation menu. In the 'Users and Groups' section, the 'Users' link is highlighted with a red box. The main content area displays course announcements and tasks. The 'Add Course Module' button is visible at the top of the main content area.

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 instructions say: 'Enter one or more Usernames. Separate multiple Usernames with commas. Click **Browse** to search.' It has fields for 'Username' (with a red asterisk), 'Role' (set to 'Learner'), and 'Enrollment Availability' (radio buttons for 'Yes' and 'No'). Below the form is a note: 'Click **Submit** to proceed. Click **Cancel** to go back.' A large red arrow points from the 'Username' field area down to the 'Submit' button, which 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 is a "Course List" section. It displays two entries: "Courses where you are: Instructor" and "Courses where you are: Course Builder". Under "Instructor", there is a link "spanish101: Spanish Course" which is also highlighted with a red box. To the right of the "Course List" is a "Course Catalog" section with a "Browse Course Catalog" button.

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 shows "Add Course Module" at the top, followed by sections for "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 is a "Settings" button. Below it is a "Course Meetings" section with a message "Currently there are no meetings. Please add." and 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

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 Blackboard. 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 'Test Meeting' with a 'Join' button and a 'View Recordings & Reports' link. To the right of the 'Join' button is a gear icon with a dropdown arrow.

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 titled 'Adobe Connect Password Settings'. It contains two fields: a checkbox labeled 'I have an existing Adobe Connect account and would like to enter this Password' and a password input field labeled 'Password'. At the bottom right of the dialog are 'Cancel' and 'Save' buttons.

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

The screenshot shows a 'Meetings List' interface. At the top right is a 'Settings' button. Below it, under 'Course Meetings', is a row for 'Test Meeting'. This row includes a red alert icon (an exclamation mark inside a red square), the meeting name, and a 'View Recordings & Reports' link. To the right of the meeting row are 'Join' and 'Gear' buttons. A red arrow points from the text above to the alert icon on the 'Test Meeting' row.

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

Meetings List

The screenshot shows the same 'Meetings List' interface as before. The 'Test Meeting' row is visible. To its right are 'Join' and 'Gear' buttons. A red arrow points from the text above to the 'Gear' button. A dropdown menu is shown, containing the options 'Edit' and 'Delete', with 'Edit' highlighted by a red border.

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 (red dot)
 - 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 redboxed 'Sync Users' button, 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.

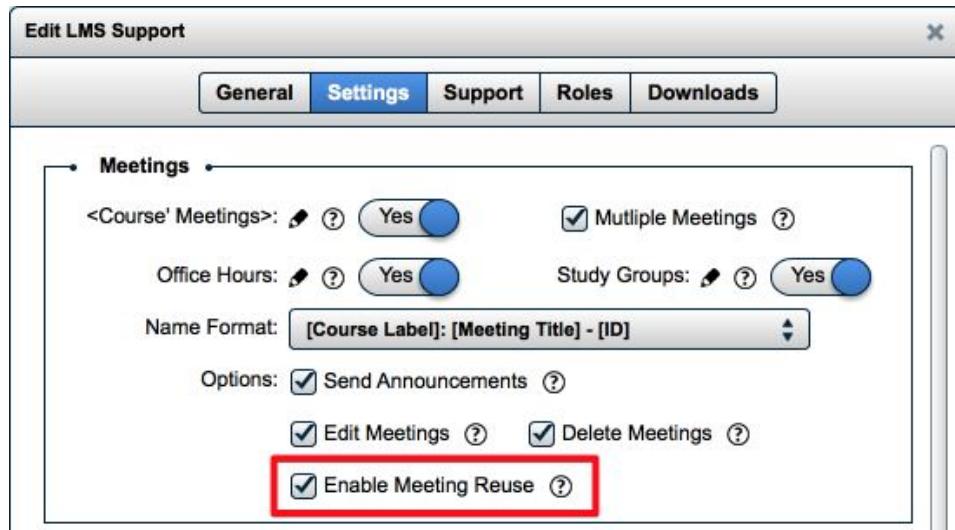
Refresh the Blackboard Available Users list by clicking on the **Refresh** button.

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 first item in the bar, 'Meetings List', is highlighted with a red box and has a red arrow pointing to it from the left. To its right is the text '> Participants'. Below this bar, there are two main sections: 'Blackboard Available Users (5)' and 'Adobe Connect Participants (4)'. Each section contains a list of participants: 'Student (4)' under Blackboard and 'Host (1)' under Adobe Connect. The background of the interface is light gray, and the overall layout is clean and organized.

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 'Use Existing Meeting' button is highlighted with a red box and labeled '1.'. Below it, the 'Merge' radio button is selected, indicated by a red box and labeled '3.'. A list of meetings is shown, with the entry '[24] USD Marketing 101' highlighted with a red box and labeled '2.'. This entry has a red box around its URL '/r6dcbpbasi1/' and is labeled '4.'. At the bottom, the 'Save' and 'Next' buttons are visible, with the 'Next' button highlighted with a red box and labeled '5.'

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

The screenshot shows the 'Participants' tab. It has tabs for 'Meeting Information' and 'Participants'. The 'Participants' tab is active. On the left, there's a list titled 'LMS Available Users (4)' with sections for 'Students (3)' (Kelsea Tower, Melissa Sieben, Paul Green) and 'Teacher (1)' (Mike Kollen). On the right, there's a list titled 'Adobe Connect Participants (4)' with sections for 'Host (1)' (Mike Kollen) and 'Participants (3)' (Kelsea Tower, Melissa Sieben, Paul Green). At the bottom, there are search fields for 'Search' (with placeholder 'Search') and 'Sync Users' (with a refresh icon), an 'Add' button, an 'Add Guest' button (which is highlighted with a red box), a 'Set User Role' dropdown, and a 'Remove' 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:

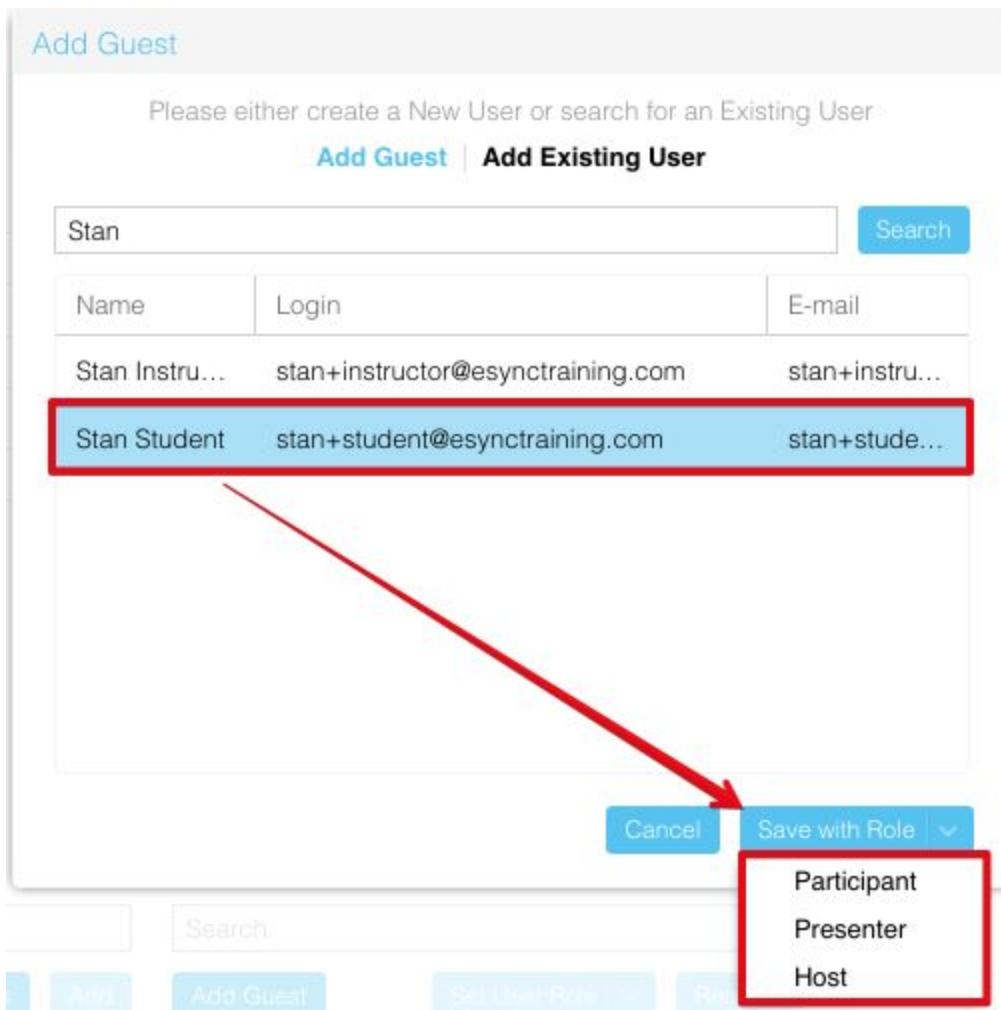
E-mail the new user account information, login and password

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.



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

Meetings List > Participants

The screenshot shows the 'Participants' tab of a meeting configuration interface. It displays two main sections: 'LMS Available Users (4)' and 'Adobe Connect Participants (5)'. In the LMS section, there are three 'Students' (Kelsea Tower, Melissa Sieben, Paul Green) and one 'Teacher' (Mike Kollen). In the Adobe Connect section, there is one 'Host' (Mike Kollen) and four 'Participants' (Kelsea Tower, Melissa Sieben, Paul Green, Stan Student). A red arrow points to the green dot next to 'Stan Student' in the Adobe Connect list, indicating that Stan is a guest user. Below the sections are search bars and action buttons: Sync Users, Add, Add Guest, Set User Role, and Remove.

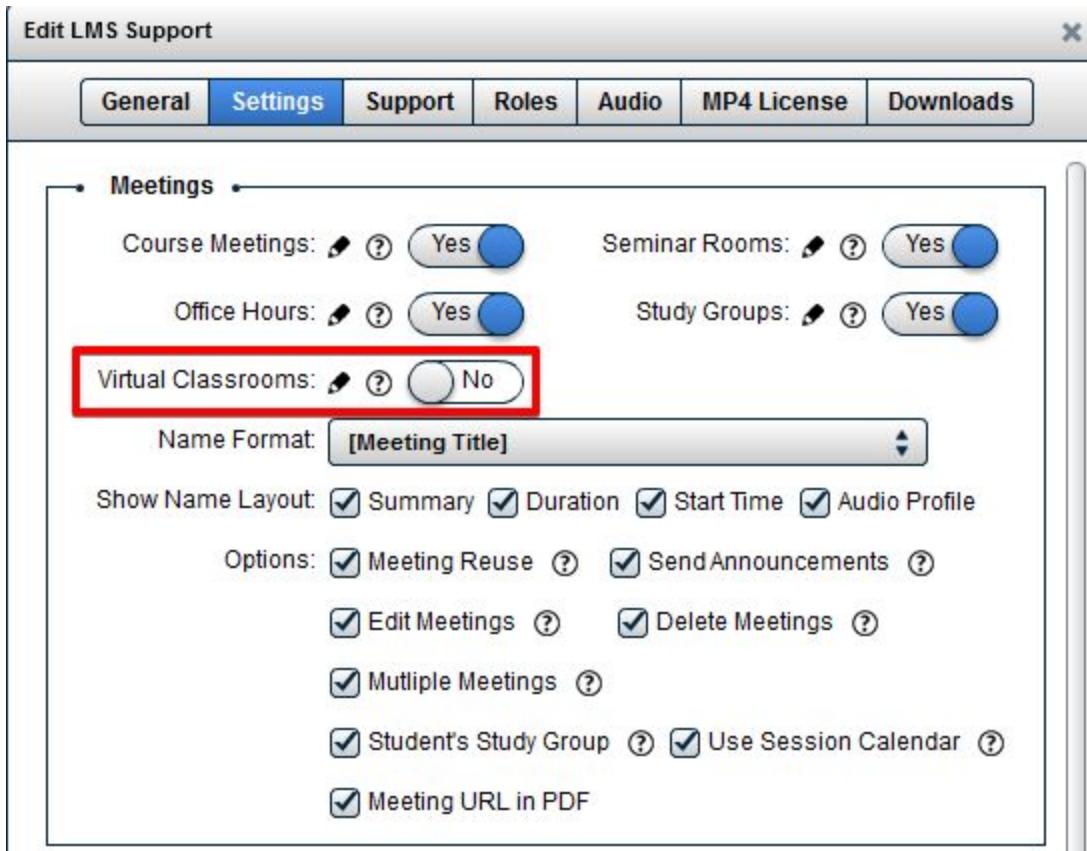
LMS Available Users (4)		Adobe Connect Participants (5)	
<input type="checkbox"/> Students (3)		<input type="checkbox"/> Host (1)	
	Kelsea Tower		Mike Kollen
	Melissa Sieben	<input type="checkbox"/> Participants (4)	
	Paul Green		Kelsea Tower
<input type="checkbox"/> Teacher (1)			Melissa Sieben
	Mike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

Search

Sync Users Add Add Guest Set User Role Remove

Virtual Classrooms Support (Optional)

On the EduGame Cloud LMS license *Settings* page user can enable the **Virtual Classrooms** (is disabled by default, can be edited) option.



This setting allows teachers to create *Virtual Classrooms* and *Sessions* in Adobe Connect.

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

To create a *Virtual Classroom* open the **Create** dropdown menu and select **Virtual Classroom** option.

The screenshot shows the Adobe Connect LTI interface. At the top right, there is a dropdown menu labeled "Create" with a downward arrow. A sub-menu is displayed, showing "Course Meeting", "Seminar Room", and "Virtual Classroom". The "Virtual Classroom" option is highlighted with a blue background and a mouse cursor is hovering over it. The main content area is divided into several sections:

- Course Meetings**: Shows a list of meetings:
 - March2017 course meeting (with a "Join" button and a gear icon)
 - March2017 course meeting #1 (with a "Join" button and a gear icon)
- Virtual Classrooms**: Shows a message: "Currently there are no meetings."
- Seminar Rooms**: Shows a list of rooms:
 - March2017 Seminar Room (with a "Join" button and a gear icon)
- Office Hours**: Shows a list of office hours:
 - March2017 Teacher: Office Hours (15:00) (with a "Join" button and a gear icon)
- Study Groups**: Shows a list of study groups:
 - March2017 Study Group (with a "Join" button and a gear icon)

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

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

Information Participants Sessions

select Create New Meeting or search for and Use Existing Meeting
[Create New Meeting](#) | [Use Existing Meeting](#)

Required

Name: March2017 Virtual Classroom

Select Template: Default Meeting Template

Optional

Classroom ID:

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

Summary:

Start Time: 03-10-2017  06:30 PM 

Duration: 01:00 

Access:

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

Cancel **Next** **Save**

Map Canvas 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. Click on the **Next** button.

[Meetings List](#) > [March2017 Virtual Classroom: Participants](#)

Information Participants Sessions

Canvas Available Users (2)

- Student (1)
yura+march2017
- Teacher (1)
Mike Kollen

Search

Add Add Guest Set User Role Remove

Adobe Connect Participants (2)

- Host (1)
Mike Kollen
- Participant (1)
yura+march2017

Search

Back Next Finish

Turn on Generate Sessions option, populate the following form and click on the **Finish** button to complete the process.

[Meetings List](#) > [March2017 Virtual Classroom: Sessions](#)

Information Participants Sessions

Generate Sessions

Start Time: 03-10-2017 02:00 PM

Duration: 01:00

Days Class Meets:

Sunday Monday Tuesday Wednesday
 Thursday Friday Saturday

Week(s): 1

Back Finish

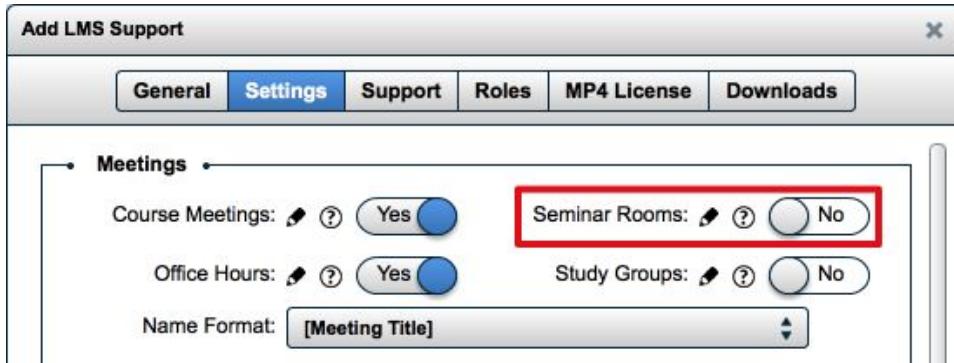
As a result the new **Virtual Classroom** will appear on Meeting List view under **Virtual Classrooms** area.

The screenshot shows a user interface for managing meetings. At the top right, there is a "Seminar License # [REDACTED]" field and a "Create" button. Below this, the "Course Meetings" section lists two entries: "March2017 course meeting" and "March2017 course meeting #1". Each entry has a "Join" button and a settings icon. Under "Virtual Classrooms", there is one entry: "March2017 Virtual Classroom", which is highlighted with a red box. This entry also includes a "Join" button and a settings icon. The "Seminar Rooms" section contains one entry: "March2017 Seminar Room", with a "Join" button and a settings icon. Navigation links "Recordings | Reports | Manage Sessions" are present in each section.

Section	Meeting Name	Start Time	Duration	Actions
Course Meetings	March2017 course meeting	03/10/17 01:00 AM	01:00	Join Settings
	March2017 course meeting #1			Join Settings
Virtual Classrooms	March2017 Virtual Classroom	03/10/17 06:45 PM	1:00	Join Settings
	Recordings Reports Manage Sessions			Join Settings
Seminar Rooms	March2017 Seminar Room	03/10/17 02:15 AM	1:00	Join Settings

Seminars Support (Optional)

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.

Note: user should have editable seminar licence to be able to create Seminar Rooms.

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 are 'Settings' and 'Help' links. The main area displays 'Course Meetings' and 'Seminar Rooms' sections. In the top right corner, a 'Create' dropdown menu is open, showing options: 'Create' (selected), 'Course Meeting', and 'Seminar Room'. A red box highlights the 'Create' dropdown and its options. Below the sections are 'Recordings' and 'Reports' links, and 'Join' and 'Settings' buttons for each.

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

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

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](#)

Session Test
Start Time: 03/31/16 10:00 AM Duration: 1:00

[Join](#) | [Settings](#) |
New Session
Edit
Delete

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

Adobe Connect

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

Settings:  Change

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

Information

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

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

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

Create an Office Hours Meeting (Optional)

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

Meetings List

The screenshot shows a user interface for managing meetings. At the top right is a 'Settings' button. Below it are three main sections: 'Course Meetings', 'Office Hours', and 'Study Groups'.
Course Meetings: Contains a single entry 'Test Meeting' with a 'View Recordings & Reports' link and 'Join' and 'Settings' buttons.
Office Hours: Displays the message 'Currently there are no meetings. Please add.' and features a prominent blue 'Add Meeting' button with a red rectangular border around it.
Study Groups: Displays the message 'Currently there are no meetings. Please add.' and features a blue 'Add Meeting' button.
The 'Add Meeting' button in the 'Office Hours' section is highlighted with a red box.

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'. Under 'Study Groups', there are entries for 'Paul's Study Group' and 'Vadim's Study Group', each with 'Recordings | Reports' links. To the right of these entries is a context menu with 'Add Meeting', 'Join', and other options. A red arrow points to the 'Edit' option in this menu, which is highlighted with a red box. Other options in the menu include 'Delete' and 'More'.

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 single entry: "Test Meeting". To its right are "Join" and "Settings" buttons.
- Office Hours:** Contains a single entry: "Mike Kollen's Office Hours (6pm-8pm)". To its right are "Join" and "Settings" buttons.
- Study Groups:** Displays the message: "Currently there are no meetings. Please add." To its right is a prominent blue "Add Meeting" button, which is outlined in red in the image.

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 comparison between two lists of users:

- 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, there 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.

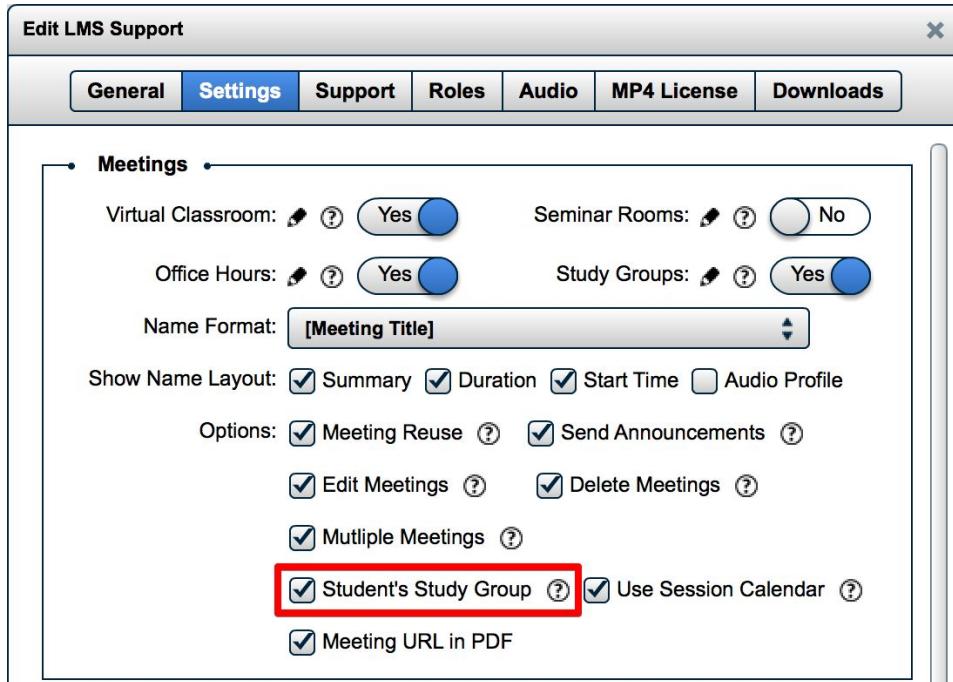
Meetings List

The screenshot shows a user interface for managing meetings. At the top right is a "Settings" button. 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:** Contains two entries:
 - "Test Study Group" with "View Recordings & Reports" and "Join" buttons.
 - "Student's Study Group" with "View Recordings & Reports" and "Join" and "Leave" buttons. The "Leave" button is highlighted with a red border.

Student's Study Group

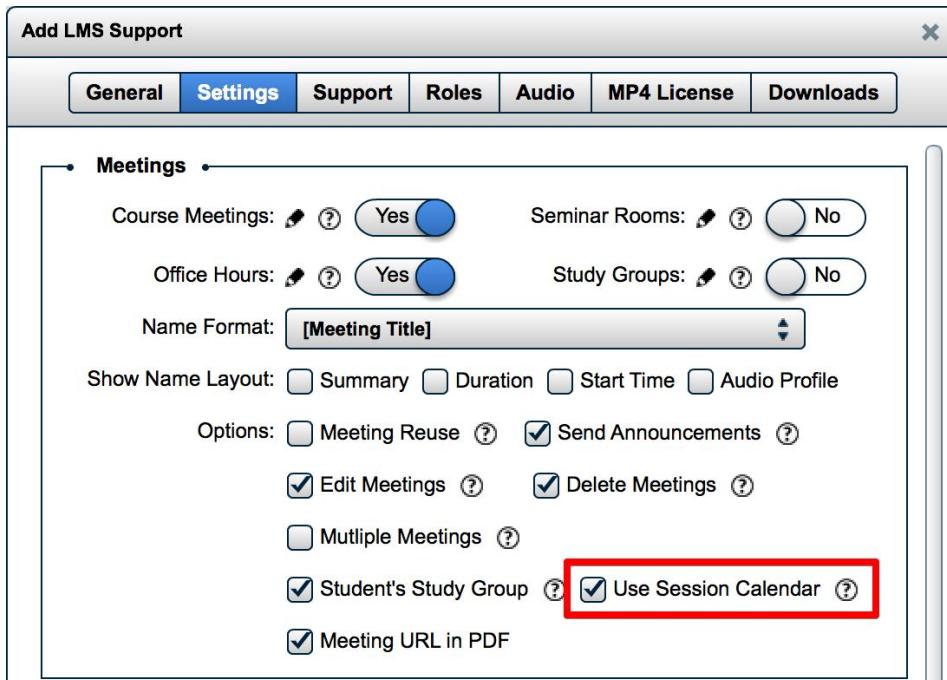
On the EduGame Cloud LMS license *Settings* page user can enable the *Student's Study Group* option.



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

Meetings Sessions Support

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



This setting allows teachers to create *Meetings Sessions*.

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

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

Adobe Connect

Settings: Change
Help: User Guide | EduGame Cloud

Meetings List > Virtual Classroom 102: Meeting Sessions

Information Meeting Sessions Participants

Generate Sessions

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

Duration: 01:00

Days Class Meets:

Sunday Monday Tuesday Wednesday
 Thursday Friday Saturday

Week(s): 1

Back Finish Next

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

Adobe Connect

Settings: Change

Help: User Guide | EduGame Cloud

The screenshot shows the 'Course Meetings' section of the Adobe Connect interface. It lists three meetings: 'Virtual Classroom 102' (selected), 'Virtual Classroom 102 #1', and 'Virtual Classroom 102 #2'. Each meeting has a 'Join' button and a gear icon. A context menu is open over the gear icon of the selected meeting, with 'New Session' highlighted by a red box. Other options in the menu include 'Edit' and 'Delete'.

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

Adobe Connect

Settings: Change

Help: User Guide | EduGame Cloud

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

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

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 interface. It displays three announcements under 'Announcements Test 003' and one under 'Demo Course 4'. The announcements are listed in a bulleted format. The first announcement from 'Announcements Test 003' is highlighted with a red box. The text of the announcements is as follows:

- 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

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 a course announcement for 'Demo Course 4'. The announcement text is: 'A new Adobe Connect room was created for course Demo Course 4'. Below the text, it says 'Posted on: Tuesday, June 9, 2015 7:50:23 AM PDT'. Further down, it states: '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](#)'. The 'Adobe Connect Conference section' link is highlighted with a red box. On the right side of the screen, there is a sidebar with user information: 'Posted by: Blackboard Admin' and 'Posted to: Demo Course 4'.

Adobe Connect Recordings

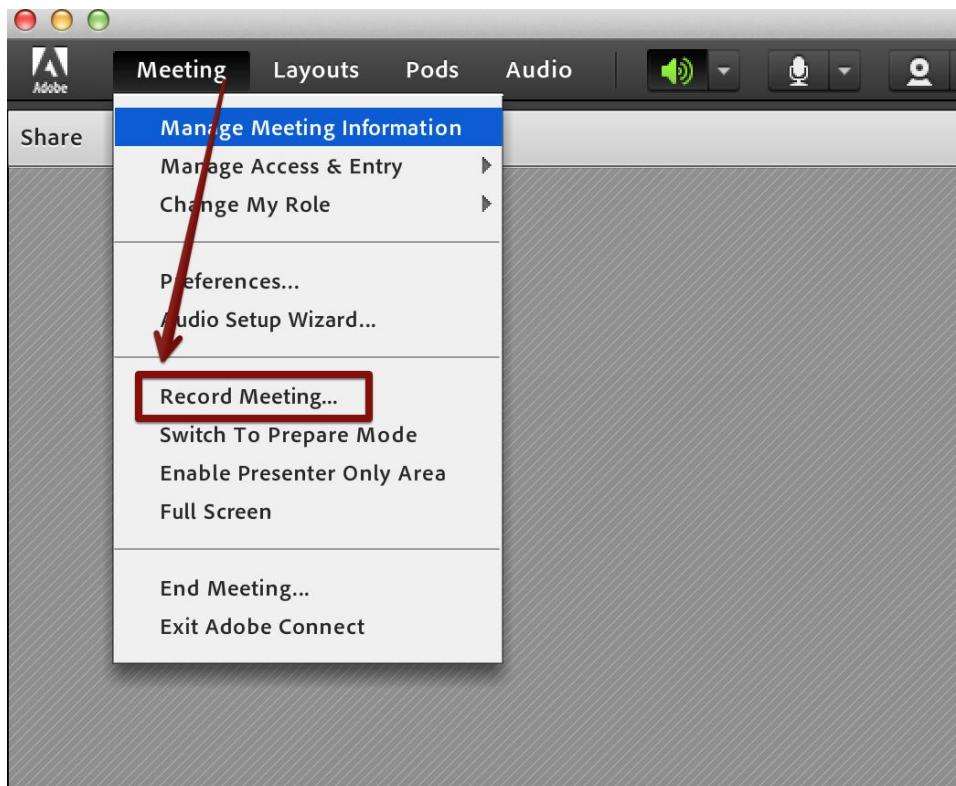
Record the Meeting

Join the meeting.

Meetings List

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

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



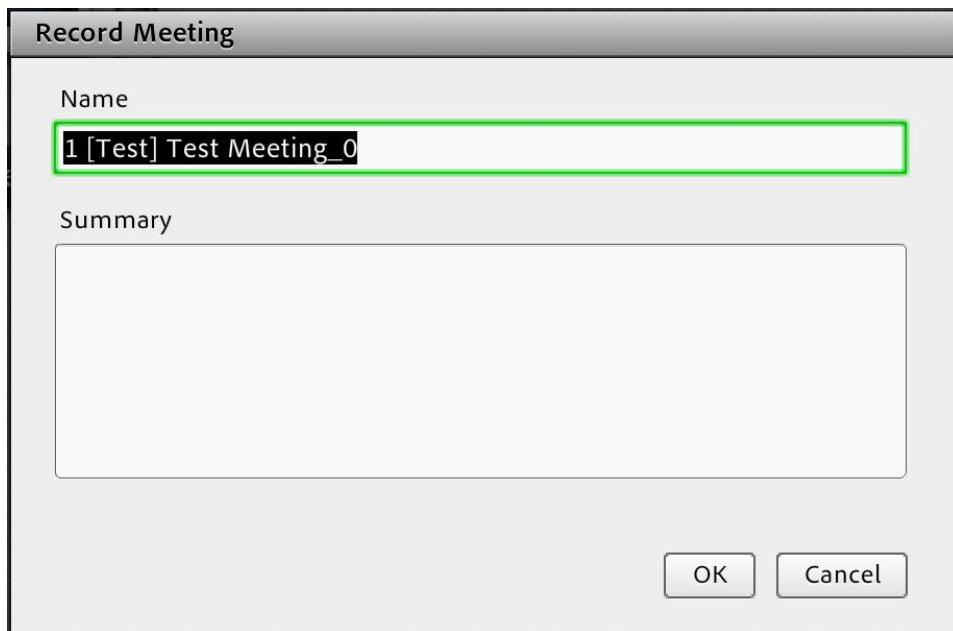
Populate the following form and click on the **OK** button to start the recording.

Record Meeting

Name
1 [Test] Test Meeting_0

Summary

OK Cancel



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



View / Watch Recordings

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

Meetings List

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

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

Meetings List > Recordings

The screenshot shows the 'Recordings' tab of the 'Meetings List' interface. At the top right is a 'Settings' icon. Below it is a table with columns: Name, Access, Recording Date, Duration, Actions, and Delete. The first row shows a recording named '[46] Test Meeting_0' with a lock icon and a refresh icon. The 'Actions' column contains a dropdown menu and a delete icon.

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

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 list of recordings. One recording is selected, highlighted with a blue background. To the right of the recording details, there is an 'Actions' button with a dropdown menu. The dropdown menu contains four options: 'Edit Recording', 'Share', and 'Make FLV'. The 'Actions' button itself is highlighted with a red box.

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

- 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 is a modal dialog box titled '99 [Demo] Demo Meeting_0'. It contains the following fields:

- Recording URL:** <https://connect.esynctraining.com/p5o6ar3b7an>
- Change Access Type:** A radio button group where 'Private' is selected, and 'Public' is unselected.
- Passcode (Optional):** An empty input field.
- Buttons:** 'Cancel' and 'Save'.

- 3) Selecting **Make FLV** option you will be asked to choose a place on your hard drive and the recording will be saved in FLV.
- 4) Selecting **Make MP4** option you will be asked to choose a place on your hard drive and the recording will be saved in MP4.

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

MP4 Conversion

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

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

Adobe Connect

Settings: Change

Help: User Guide

Course Meetings

Test Meeting

Recordings Reports

Join



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

Adobe Connect

Settings: Change

Help: User Guide

Meetings List > Test Meeting: Recordings

Recordings

Reports

Name

Access

Recording Date

Duration

Actions

Test Meeting_0



03/03/2016 03:09:00 AM

00:13:03

Actions



Edit Recording

Share

Make Offline

Make MP4

Make MP4 with Subtitles

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

Adobe Connect

Settings: Change

Help: User Guide

Meetings List > **Test Meeting: Recordings**

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

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

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

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

Adobe Connect

Settings: Change

Help: User Guide

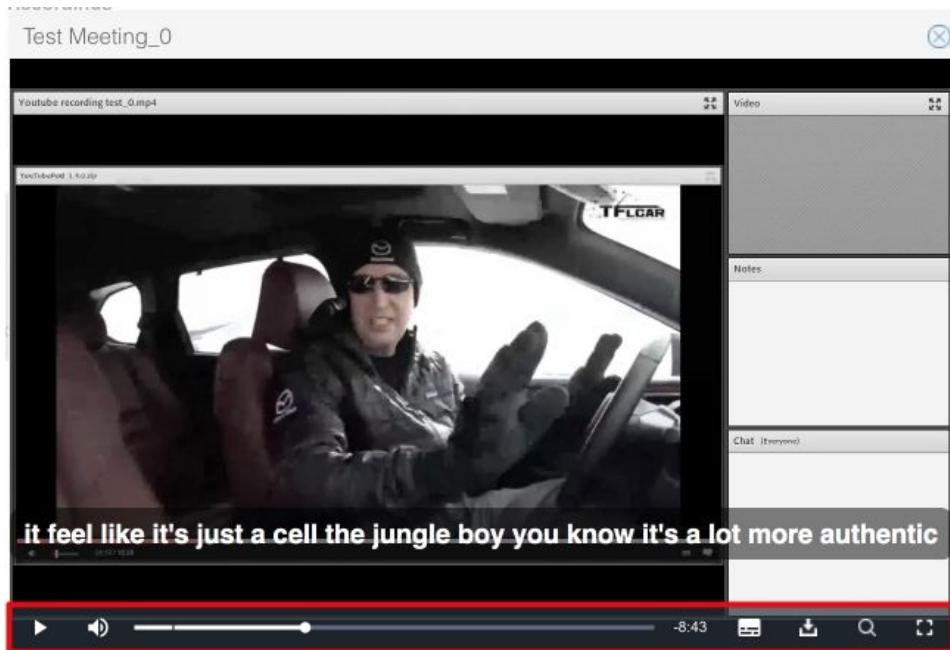
Meetings List > **Test Meeting: Recordings**

The screenshot shows the same list of recordings. The same meeting entry is selected, but now the "Actions" button has been clicked, revealing a dropdown menu. Two buttons are highlighted with red boxes: "Play" and "Edit".

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

Below the table, the status message "Test Meeting_0: MP4" and "Test Meeting_0: Transcript" are listed, with the "Edit" button for the transcript highlighted in the dropdown menu.

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*.

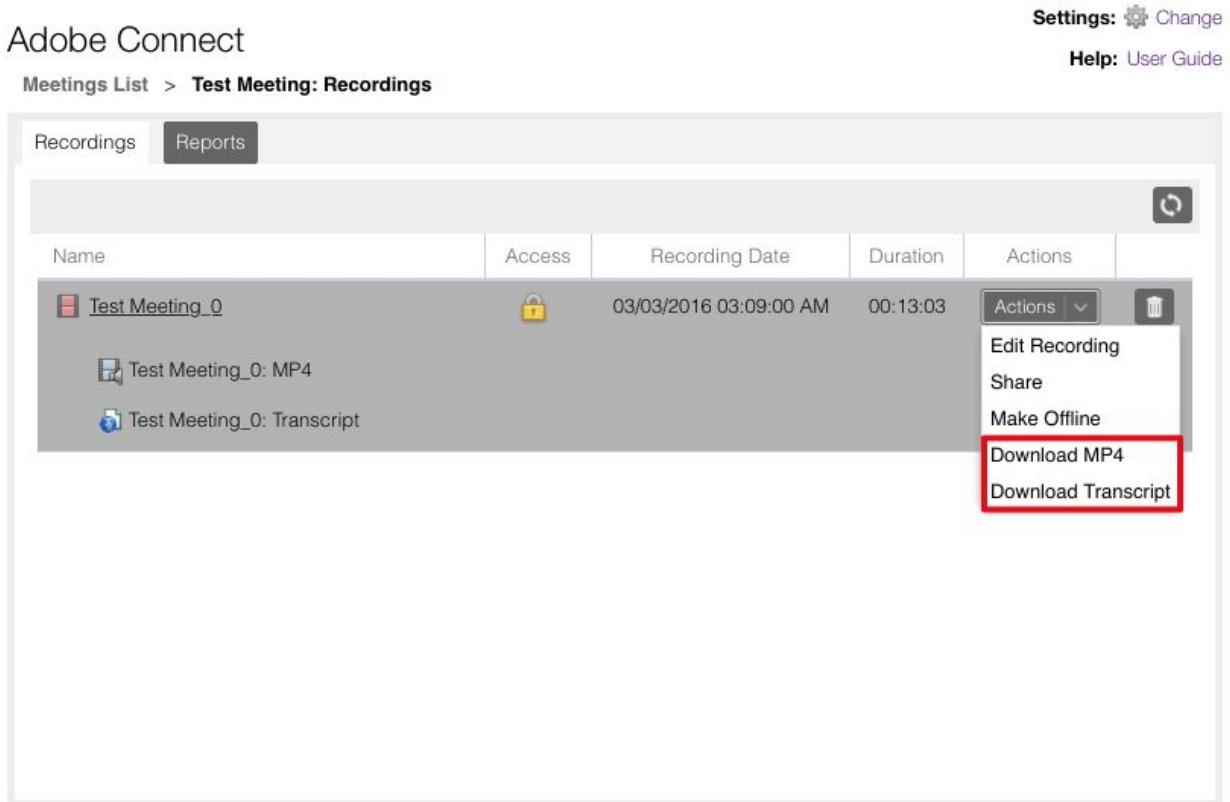
Adobe Connect

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	Actions ▾
Test Meeting_0: MP4				Edit Recording
Test Meeting_0: Transcript				Share
				Make Offline
				Download MP4
				Download Transcript



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' which is highlighted with a red box and has a red arrow pointing to it. To the right of this button are 'Join' and 'Settings' buttons. The entire interface is enclosed in a light gray border.

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' section with the 'By Attendees' tab selected. It displays a table of student participation details:

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

A blue refresh icon is located at the top right of the table area.

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

Meetings List > Reports

The screenshot shows the 'Reports' section with the 'By Sessions' tab selected. It displays a table of session details:

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

A blue refresh icon is located at the top right of the table area.

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

Adobe Connect

Settings: Change

Help: [User Guide](#)

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

Recordings Reports

By Attendees | By Sessions **By Recordings**

Group by: Title | Name



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

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

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

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

Adobe Connect

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

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

Recordings Reports

Settings

By Attendees | By Sessions



Time In

Time Out

Duration

Mike Kollen, mike@esynctraining.com (1)

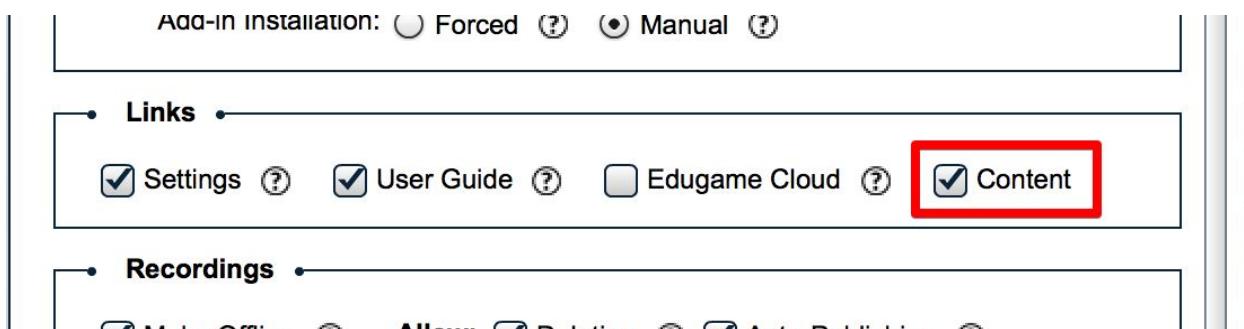
07/29/2015 10:45 AM

07/29/2015 10:47 AM

0:02:36

Content Management

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



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

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

The screenshot shows the Adobe Connect interface. At the top, there are 'Settings' and 'Help' links. Below them, a 'use Meetings' section includes a 'Virtual Class Meeting' button, a 'Recordings' link, and a 'Reports' link. To the right are 'Join' and 'Settings' buttons. A 'Add Meeting' button is also visible. The main content area displays a message: '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 are four buttons: 'New Content' (blue), 'New Folder' (red), 'Edit' (blue), 'Move' (blue), and 'Delete' (blue). A red box highlights the 'New Content' and 'New Folder' buttons. Another red box highlights the 'Actions' dropdown menu and its options: 'Edit', 'Move', and 'Delete'. A 'Finish' button is located at the bottom right.

Name	Type	Date Modified	Size (KB)
MP4 Recordings	Folder	03/24/16 10:51 AM	

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

The screenshot shows the 'Content Management' interface with the 'My Content' tab selected (highlighted in blue). Below the tabs is a table with columns: Name, Type, and Date. A red box highlights the 'My Content' tab. A 'Finish' button is located at the bottom right.

Name	Type	Date
MP4 Recordings	Folder	03/24/16 10:51 AM

Audio Provider Support

MeetingOne

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

The screenshot shows the 'Edit LMS Support' dialog box with the 'Audio' tab selected. The 'Provider' dropdown is set to 'MeetingOne'. The 'Information' section contains fields for 'Username' (provisioning@esynctraining.com), 'Account Number' (1234567890), and 'Secret Hash Key' (FFEDSFREDFFFFSGGFREERFFSS). The 'Options' section contains three dropdown menus for 'Course Meeting', 'Office Hours', and 'Study Group', all set to 'Generate New Profile'.

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

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

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

None provider can be selected.



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

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

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

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

Optional

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

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

Audio Conference Settings:

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

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

Optional

Custom URL: http://cert.connect.meetingone.com/

Summary:

Start Time: 08-25-2016 12:30 PM

Duration: 01:00

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

Audio Conference Settings: Include this audio conference with this meeting:

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

EduGameCloud in Adobe Connect

Import Blackboard Test/Survey to EduGameCloud

Navigate to app.edugamecloud.com page and download the latest EduGame Cloud public build from the *Welcome* screen...

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

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

A large rocket ship graphic is positioned on the right side of the screen.

... or *Home* screen:

The screenshot shows the 'Home' screen of the EduGameCloud application within Adobe Connect. The interface includes:

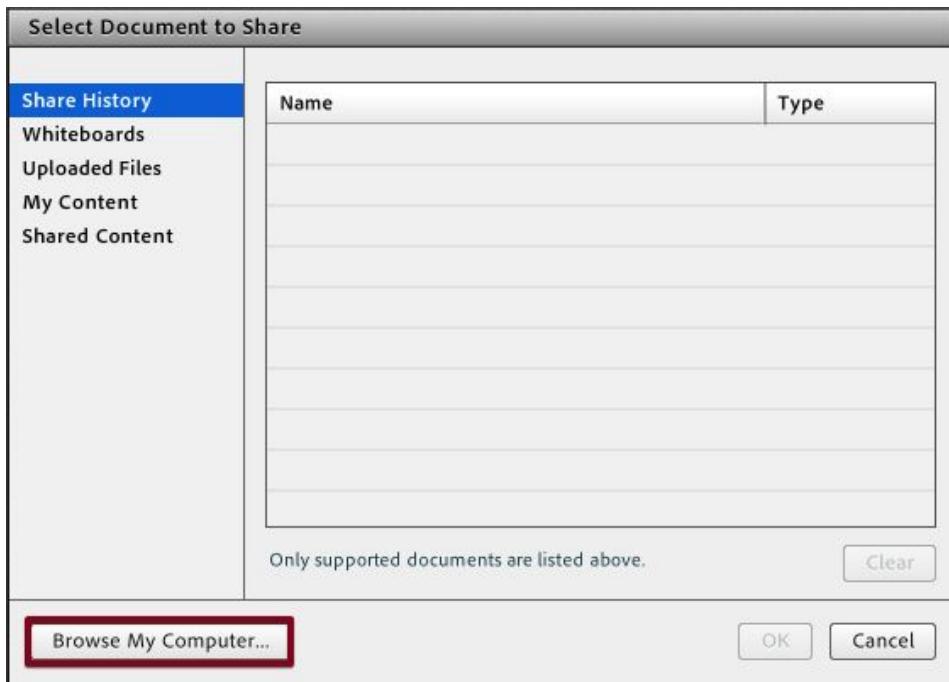
- Welcome:** Displays "Welcome, Demo Esync Admin" with a Help and Logout button.
- Navigation:** Administration and Adobe Connect Apps tabs.
- EduGame Cloud:** A central box containing the text "EduGame Cloud" and a "Get Custom Pod v1.5" button, which is highlighted with a red rectangle.
- Recent Items:** A table showing two items:

Time	Action
02/25/15 01:45 PM	[Delete]
02/25/15 01:48 PM	[Delete]

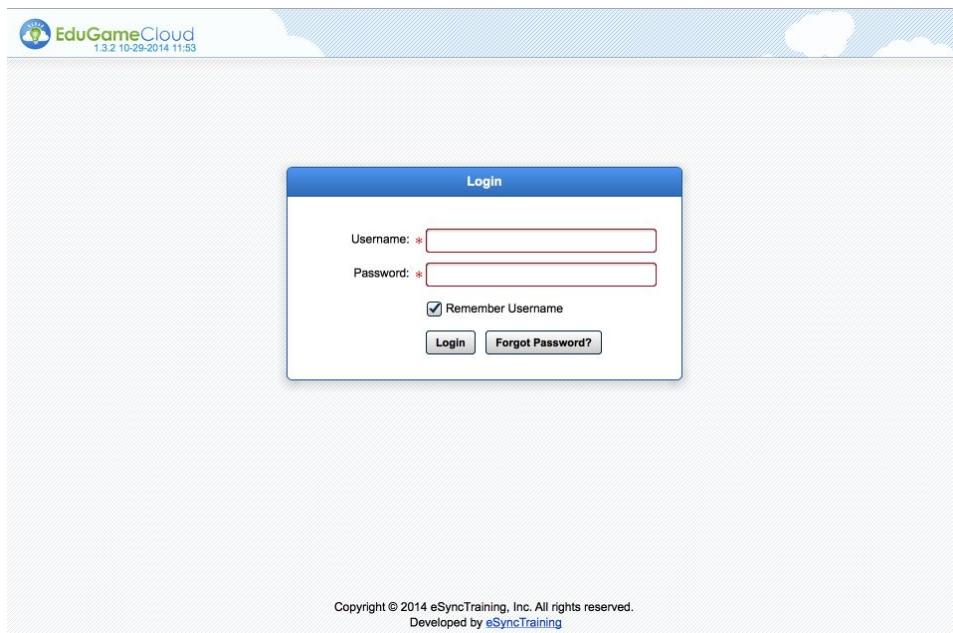
Navigate to Adobe Connect room and select the **Share Document** option from the *Share* drop-down menu.



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



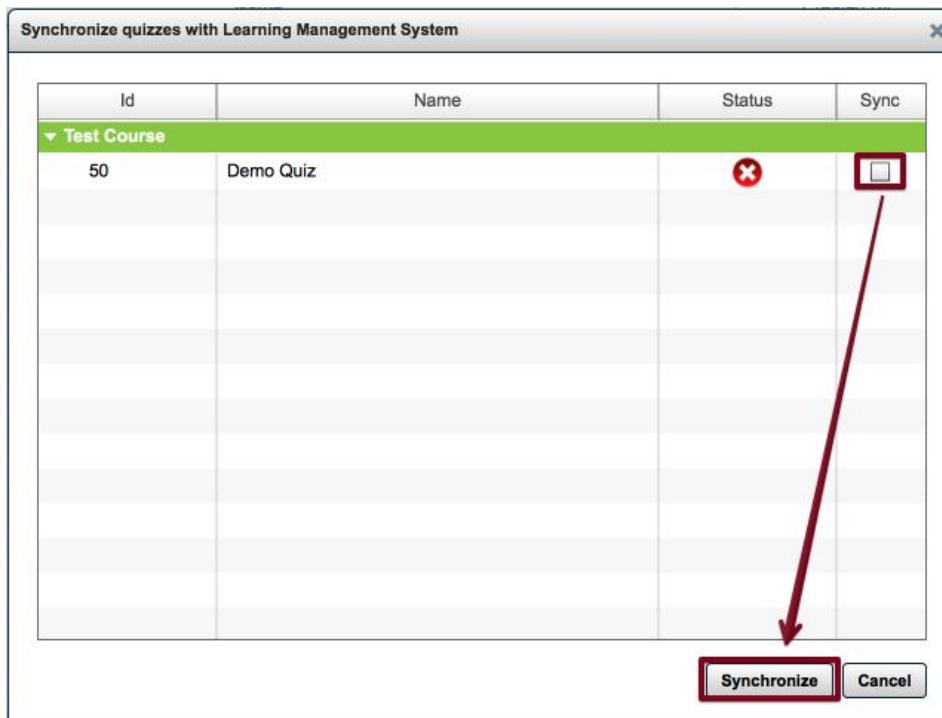
Once the build is successfully uploaded, enter valid EduGameCloud credentials.



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

A screenshot of the EduGameCloud document management interface. At the top, there is a navigation bar with tabs: Quiz/Assessment (which is selected and highlighted in blue), Test, Survey, Crossword, and Collaboration Map. On the far right 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 and highlighted with a red border). A red arrow points from the "Blackboard" radio button to the "Synchronize with LMS" button. To the right of the filter section are "Refresh" and a search input field. The main area shows a table with columns "Name", "Created By", and "Date". At the bottom of the table is a "Open Selected Quiz" button.

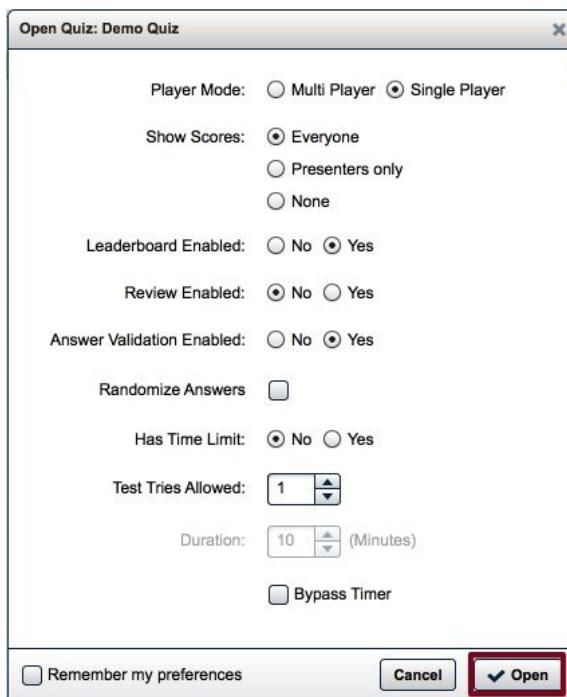
Select required quizzes/surveys and click on the **Synchronize** button.



Synchronized quizzes/surveys should appear under the *Blackboard* list in EduGameCloud.

Select any quiz/survey and click on the **Open Selected Quiz/Survey** button.

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



All participants should now see the quiz/survey.

Supported Question Types

Calculated Formula

Blackboard view:

QUESTION 1

What is 5 plus 9?

EduGameCloud view:

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

Calculated Numeric

Blackboard view:

QUESTION 2

What is the boiling point of water?

EduGameCloud view:

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

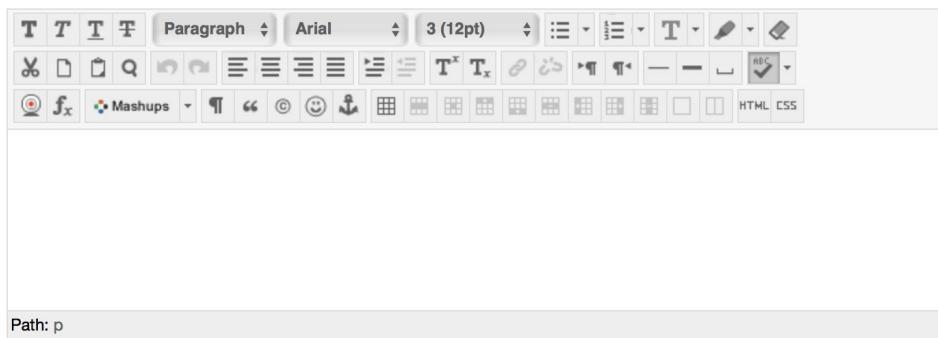
The screenshot shows a quiz interface titled "Test Quiz". At the top, there are buttons for "Leaderboard", "Preview", and "Show Participants Score". On the right, there is a "End Quiz" button. Below the title, it says "True / False" and "Question 2 of 11". The question text is "Marianas Trench is the deepest part of the world's oceans.". There are two options: "A. True" (selected) and "B. False". At the bottom, there are "Previous" and "Next" buttons, along with a dropdown menu for "Question 2 of 11".

Essay

Blackboard view:

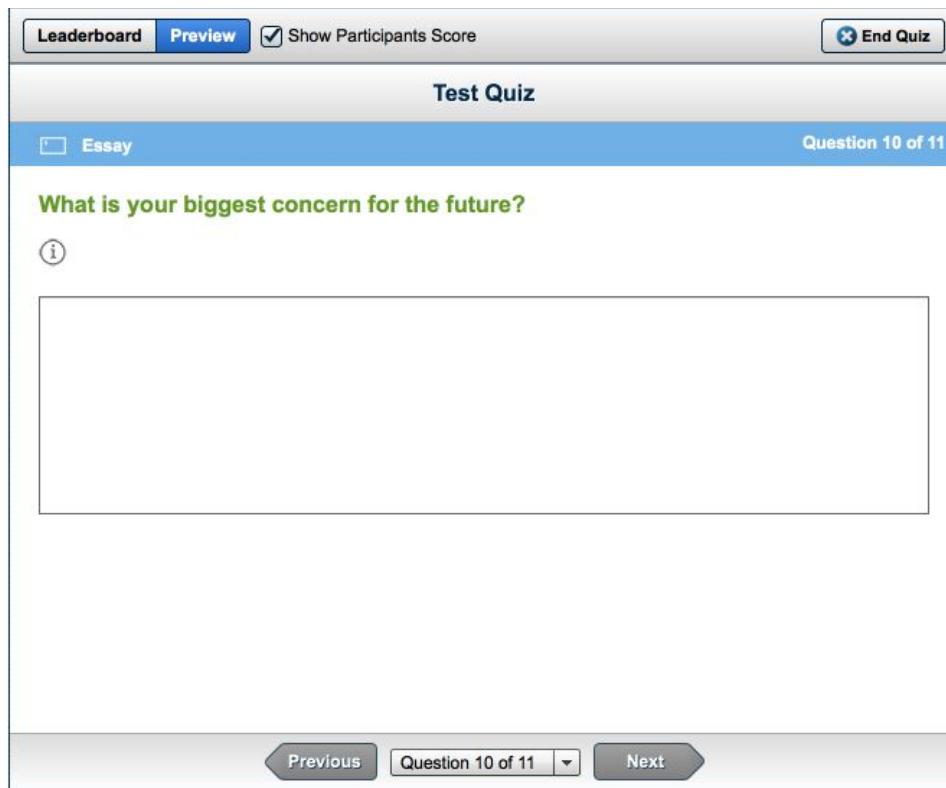
QUESTION 4

What is your biggest concern for the future?



The image shows the Blackboard interface for an essay question. At the top is a toolbar with various editing tools like bold, italic, and alignment. Below it is a large text area for the answer. A status bar at the bottom indicates the path is 'p'.

EduGameCloud:



The image shows the EduGameCloud interface for a test quiz. The top bar includes 'Leaderboard', 'Preview' (which is selected), 'Show Participants Score', and 'End Quiz'. The main area is titled 'Test Quiz' and shows 'Question 10 of 11'. It has a blue header bar with 'Essay' and 'Question 10 of 11'. The question text 'What is your biggest concern for the future?' is displayed in green. Below it is a large empty text area for the answer. At the bottom are navigation buttons for 'Previous', 'Question 10 of 11', and 'Next'.

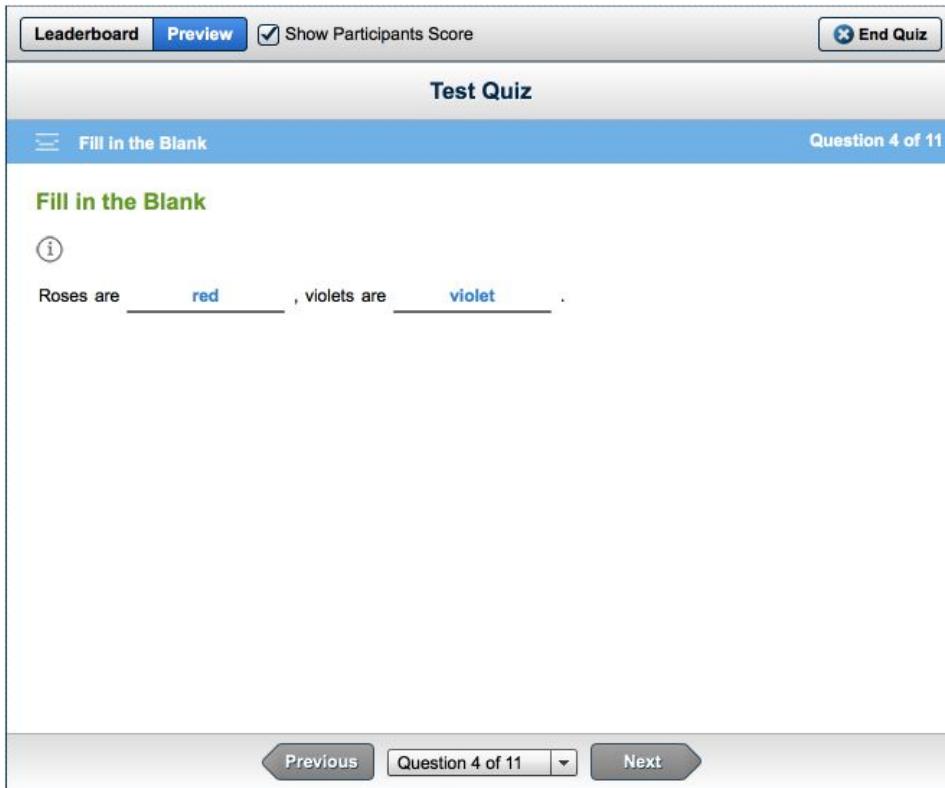
Fill in Multiple Blanks

Blackboard view:

QUESTION 5

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

EduGameCloud view:



The screenshot shows a quiz interface titled "Test Quiz". At the top, there are buttons for "Leaderboard", "Preview", a checked checkbox for "Show Participants Score", and an "End Quiz" button. Below the title, it says "Fill in the Blank" and "Question 4 of 11". The main area contains the question: "Roses are _____, violets are _____." The word "red" is highlighted in blue under the first blank, and the word "violet" is highlighted in blue under the second blank. At the bottom, there are navigation buttons for "Previous", "Question 4 of 11" (with a dropdown arrow), and "Next".

Fill In the Blank

Blackboard view:

QUESTION 6

How many states are in USA?

EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

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

Hot Spot

Blackboard view:

QUESTION 7

Find Iceland on the map.



Selected Coordinates

EduGameCloud view:

Leaderboard **Preview** Show Participants Score

Blackboard Test

Hotspot Question 7 of 16

Find Iceland on the map.

(i)

Previous Question 7 of 16 Next

Jumbled Sentence

Blackboard view:

QUESTION 8

Roses are red, violets are .

red
green
violet



EduGameCloud view:

Leaderboard Preview Show Participants Score End Quiz

Test Quiz

Multiple dropdowns Question 6 of 11

Select options from the drop-down lists

(i)

Roses are red, violets are violet.

Previous Question 6 of 11 Next

Matching

Blackboard view:

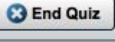
QUESTION 9

Match the car manufacturer with the country of origin.

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

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

EduGameCloud view:

Leaderboard Preview Show Participants Score 

Test Quiz

Matching Question 7 of 11

Match the car manufacturer with the country of origin.

(i)

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

Previous Question 7 of 11 Next

Multiple Answer

Blackboard view:

QUESTION 10

What are the American car manufacturers?

- BMW
- Ford
- Lincoln
- VW

EduGameCloud view:

The screenshot shows a quiz interface with the following elements:

- Top navigation bar: Leaderboard, Preview (selected), Show Participants Score, End Quiz.
- Title: Test Quiz.
- Question Type: Single / Multiple Choice (Text).
- Current Question: 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 bar showing '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 (highlighted in blue), 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 for 'Blackboard Test'. At the top, there are buttons for 'Leaderboard' (disabled), 'Preview' (selected), 'Show Participants Score' (unchecked), and 'End Quiz'. The title 'Blackboard Test' is centered above the question area. The question is 'Current president of USA.' and is labeled as 'Short Answer'. The question number is 'Question 14 of 16'. Below the question, there is a text input field containing the placeholder 'Who is Barack Obama?'. At the bottom, there are navigation buttons for 'Previous' and '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 editing 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 box 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

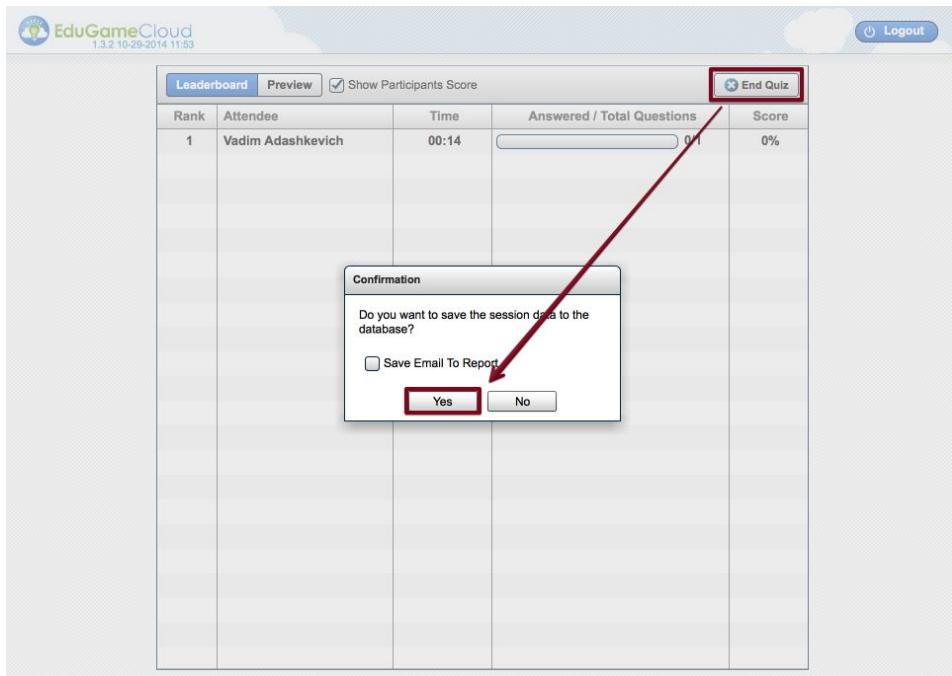
EduGameCloud view:

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.

The screenshot shows the 'COURSE MANAGEMENT' navigation menu. Under the 'Control Panel' section, 'Evaluation' is highlighted. Under 'Results Center', 'Full Results Center' is highlighted with a red box. Other options include 'Needs Evaluation', 'Exercises', and 'Tests'. The 'Users and Groups' link is also visible at the bottom.

Observe the participants' scores.

Blackboard Account Administrator Guide

EduGame Cloud Administration

Configure LMS License in EduGame Cloud

Navigate to 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 background. 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. The top navigation bar includes 'Welcome, Demo Admin', 'Help', 'Logout', and links for 'Administration' and 'Adobe Connect Apps'. Below the navigation is a toolbar with 'Quiz/Assessment', 'Test', 'Survey', 'Crossword', 'Collaboration Map', 'Reporting', 'LMS Integration' (highlighted with a blue box), '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- XXXXXXXXXX	8acf12d6- XXXXXXXXXX

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	<input type="text" value="https://[REDACTED]"/>	Primary Color:	<input type="color" value="#0070C0"/>
Title	Adobe Connect		
Consumer Key	8dec4bc-[REDACTED]		
Shared Secret	4fbf260d-[REDACTED]		
Learning Management System			
LMS Domain	<input type="text" value="http://[REDACTED]"/>		
Admin Username	<input type="text" value="[REDACTED]"/>		
Password	<input type="text" value="Enter the password, if you want to overwrite it"/>		
<input type="button" value="Test Connection"/>			

• **Adobe Connect** •

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

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 Yes

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

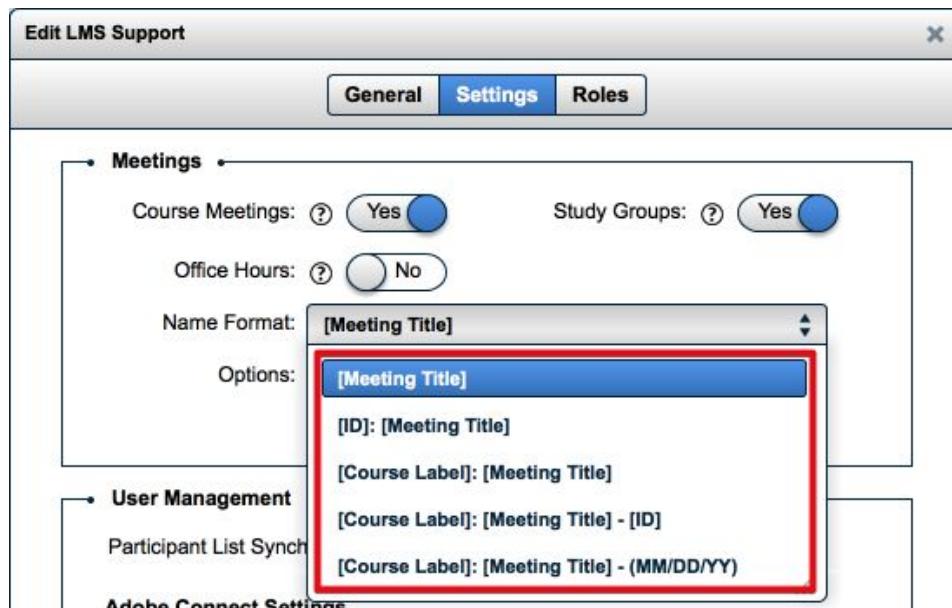
Use FLV

Create an offline recording as an FLV file

Use MP4

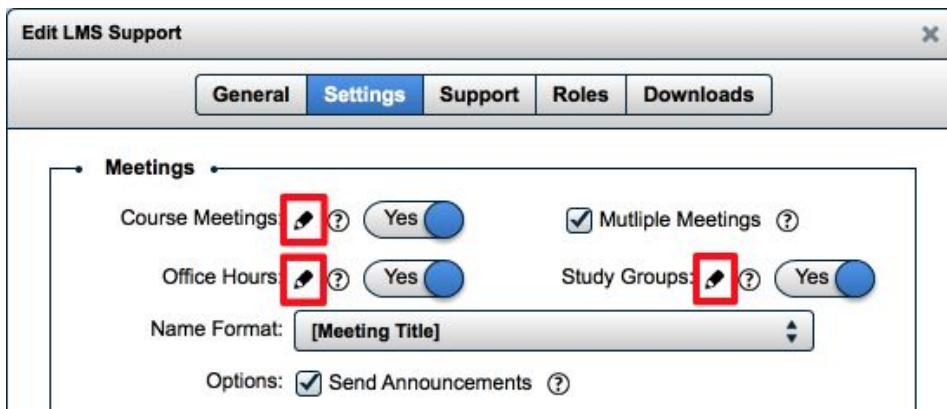
Create an offline recording as an FLV file

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

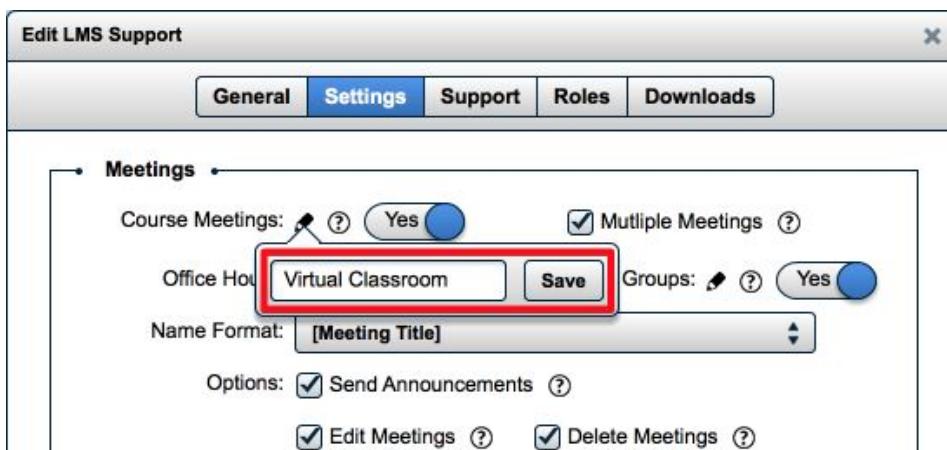


When user creates a meeting in the **Adobe Connect LTI**, only *Meeting Title* should be specified. Thus appropriate meeting will be created in a Adobe Connect and named using the chosen template.

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

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

The screenshot shows the 'Support' tab selected in a navigation bar. Below it is a section titled 'Your Support Information (Optional)' containing a text area with placeholder text 'Support Information for participants.' and a rich text editor toolbar below it. The toolbar includes font selection ('Helvetica'), font size ('13'), bold ('B'), italic ('I'), underline ('U'), a color picker ('Color'), and alignment options ('Align Left', 'Align Center', 'Align Right', 'Align Justify'). At the bottom right of the editor is a 'Save' button.

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

Adobe Connect

Meetings List

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

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

Edit LMS Support

General Settings Roles Edit: No

• Default Roles •

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

• Custom Roles •

Role	AC Roles

Cancel Save

The screenshot shows a modal dialog titled 'Edit LMS Support'. At the top, there are tabs for 'General', 'Settings', and 'Roles', with 'Roles' being the active tab. To the right of the tabs is an 'Edit' button with a radio button set to 'No'. Below the tabs is a section titled 'Default Roles' containing a table that maps LMS roles to AC roles. The table has two columns: 'LMS Role' and 'AC Roles'. The rows map Student to Participant, Teacher to Host, TA to Presenter, Designer to Presenter, and Observer to Participant. Below this is a section titled 'Custom Roles' containing an empty table with columns for 'Role' and 'AC Roles', intended for mapping custom roles.

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.

Edit LMS Support

General Settings Roles Edit: Yes

Default Roles

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

Custom Roles

Role	AC Roles	Delete
Backup Teacher	Presenter	(Delete)

Add Custom Role

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

Cancel Save

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

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

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

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

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

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

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

Configure Adobe Connect LTI for Your Blackboard Account

Using Proxy Tool

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

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

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

Proxy Tools Global Properties

PROXY TOOL REGISTRATION PASSWORD

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

Proxy Tool Registration Password

ALLOW UNKNOWN PROXY TOOLS

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

Allow Unknown Proxy Tools

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

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

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: My Organization, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box. 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. On the right, there are two 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 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
<input checked="" type="checkbox"/> Vendor			
<input checked="" type="checkbox"/> EGC	LTI	No	Yes

Edit 

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

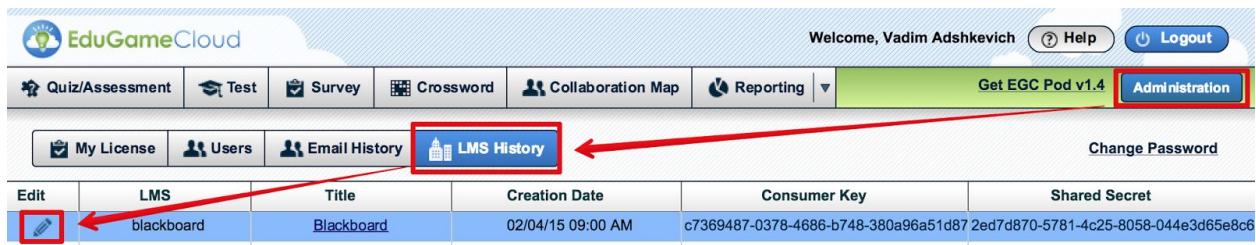
Permit use of this Proxy Tool

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 and login using your EGC admin credentials.
 Go to Administration->LMS History and edit the license.



Edit	LMS	Title	Creation Date	Consumer Key	Shared Secret
	blackboard	Blackboard	02/04/15 09:00 AM	c7369487-0378-4686-b748-380a96a51d872ed7d870-5781-4c25-8058-044e3d65e8c6	

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

• Learning Manage System •

LMS Domain [Click here to register a tool](#)

Proxy Tool Password

• Customization •

Primary Color <input style="width: 15px; height: 15px; border: none; vertical-align: middle;" type="color"/>	Delete Meetings <input checked="" type="checkbox"/>	Edit Meetings <input checked="" type="checkbox"/>
Settings Visible <input checked="" type="checkbox"/>	LMS Help <input checked="" type="checkbox"/>	EGC Help <input checked="" type="checkbox"/>
Course Meetings <input checked="" type="checkbox"/>	Office Hours <input checked="" type="checkbox"/>	Study Groups <input type="checkbox"/>

Navigate back to Blackboard website.

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

Click on the **Building Blocks** link.

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

* 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.

* 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'. The domain 'app.edugamecloud.com' is selected, indicated by a checked checkbox and a yellow background. A context menu is open over this row, with the 'Manage Placements' option highlighted by a red box and a red arrow pointing to it. Other options in the menu include 'Edit', 'Usage Report', 'Approve', 'Exclude', and 'Delete'.

Click on the **Create Placement** button.

The screenshot shows the 'Manage Placements: app.edugamecloud.com' page. The title is 'Manage Placements: app.edugamecloud.com' and the sub-instruction is 'Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not delete the placement itself.' A large red box highlights the 'Create Placement' button at the bottom of the page.

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

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

TOOL PROVIDER INFORMATION

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

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

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

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

Click on the **Web services** link.

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

Select the following web services and make them available:

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

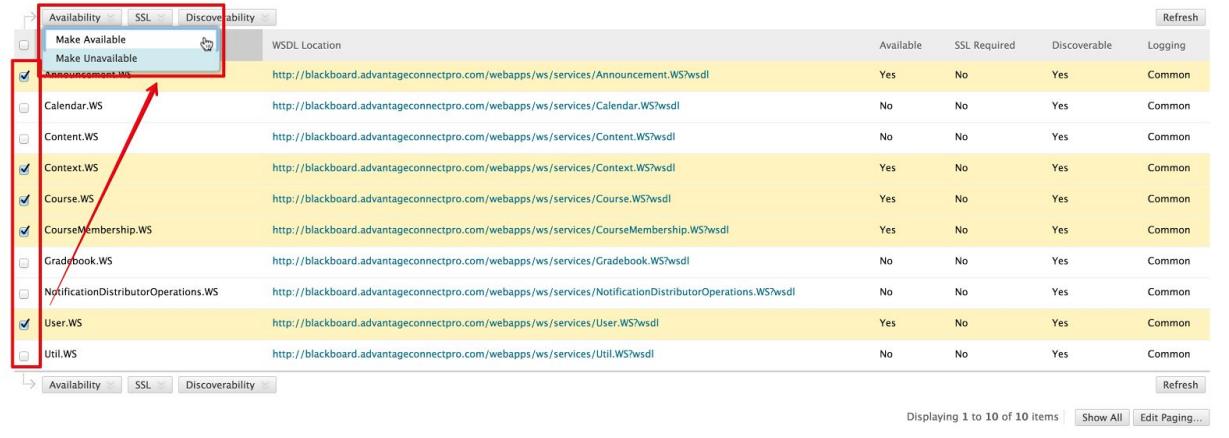
Web Services

Manage Web Services Upload Web Services Download Sample Tools Download All Documentation

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...](#)



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 by LTI tool providers to request configuration per link, or can provide key and shared secret information for site-wide configuration.

* 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.

* Provider Domain

Provider Domain Status Approved Excluded

Secondary Hostnames
Enter one hostname per line.

DEFAULT CONFIGURATION

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

Default Configuration Set separately for each link Set globally

* Tool Provider Key

* Tool Provider Secret

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

INSTITUTION POLICIES

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

Send User Data

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

or

ORGANIZATION POLICIES

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

Send User Data

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

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

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

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

Click on the **Create Placement** button.

The screenshot shows the 'Manage Placements: app.edugamecloud.com' page. The title is 'Manage Placements: app.edugamecloud.com' and the sub-instruction is 'Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not delete the domain.' A large red box highlights the 'Create Placement' button at the bottom of the page.

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

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

TOOL PROVIDER INFORMATION

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

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

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

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

Click on the **Building Blocks** link.

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

Click on the **Proxy Tools** link.

Building Blocks

Featured Building Blocks

Manage and install Featured Building Blocks

Installed Tools

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

Proxy Tools

Manage and register Proxy Tools and define their Global Properties.

LTI Tool Providers

Manage and register LTI Tool Providers.

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

Proxy Tools

Manage Global Properties

Register Proxy Tool ▾

... ▾

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

ALLOW UNKNOWN PROXY TOOLS

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

Allow Unknown Proxy Tools



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

Click on the **Web services** link.

The screenshot shows the Blackboard System Admin interface. At the top, there is a navigation bar with tabs: zation, Courses, Community, Content Collection, Services, and System Admin. The System Admin tab is highlighted with a red box. 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 'Building Blocks' link in the Building Blocks section down to the 'Web Services' link in the Web Services section.

Select the following web services and make them available:

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

Web Services

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

Getting Support

Email Support, please contact:

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

Emergency Phone Support:

714.979.4444