

# Kaltura LMS integration for Blackboard - Deployment guide LTI 1.3

Last Modified on 05/22/2025 2:24 pm IDT

 This article is designated for administrators.

## About

This guide is for Kaltura and Blackboard administrators setting up a new LTI 1.3 integration for Blackboard SaaS (Ultra) using a KAF type 'Bbultra' instance.

## Before you start

- Partner Id (PID) (for example, 12345678)
- Admin secret, for example, f79359d3227f45be73c181489888afc5
- A Kaltura Application Framework (KAF) instance for 'BlackboardUltra' (URL example, [12345678.kaf.kaltura.com](https://12345678.kaf.kaltura.com))
- KAF version **v5.99.46** or later
- The following modules enabled:
  - [Blackboardultra module](#)
  - [Browseandembed module](#)
  - [Hosted module](#)
  - [Hostedrelated module](#)
  - [LTIgrading module](#)

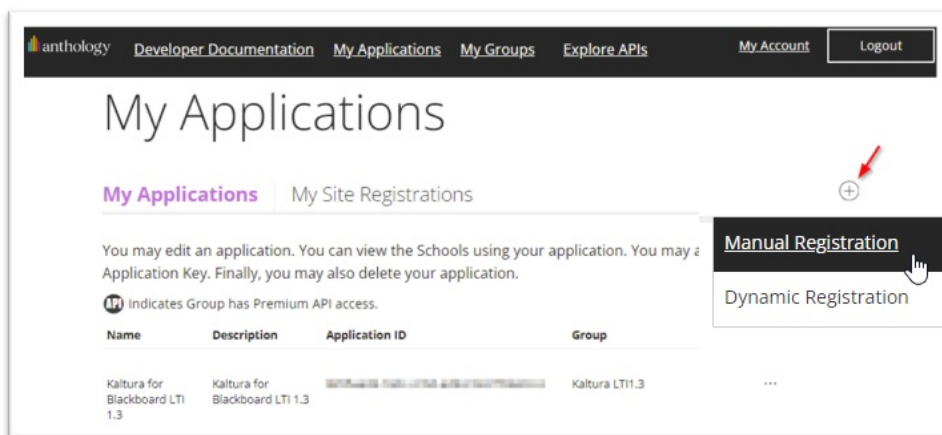
## Step 1: Register the Kaltura application in the Blackboard developer portal



You will need a separate registration for each KAF integration using LTI 1.3.

To execute the steps in this section you will need to have a Blackboard account at [Blackboard Developer Portal](#).

1. Login to your Blackboard Developer Portal account at <https://developer.blackboard.com>.
2. On the **My Applications** page, click the "+" button to create a new application.
3. Select **Manual Registration**.



4. On the **Register a New Application** page enter the following:
  - **Application Name** – We recommend using a name that is unique for the KAF you're using for the integration
  - **Description** – Add descriptive information for the new application
  - **Domain(s)** – Set to your KAF URL. e.g., `bb-lti13-2964661-test1.kaf.kaltura.com` (do NOT include `https://`)
  - **Group** – Select the production group to assign the application to
  - Toggle on the switch to the right of **My Integration supports LTI 1.3** to expose the LTI 1.3 settings.

Fill in the fields as follows:

**Login Initiation URL** = `https://{your_KAF_URL}/hosted/index/oidc-init`

**Tool Redirect URL** = `https://{your_KAF_URL}/hosted/index/oauth2-launch`

**Tool JWKS URL** = `https://{your_KAF_URL}/hosted/index/lti-advantage-key-set`

**Signing Algorithm** = RS256

  - Click **Register Application**
5. **Important!** The settings for your registered application will be displayed. Copy the settings and store in a safe and secure location.

<b>Application key</b>	<code>6a0d7a13-3460-4f54-a4e3-d8319c9b24f5</code>	<a href="#">Copy</a>
<b>Secret</b>	<code>b8b1UzR4K9ZN8tKya4cvMhti2aBkzJ58</code>	<a href="#">Copy</a>
<b>Application ID</b>	<code>8455aad3-7a0c-41b6-ad94-5431fb9e0cc4</code>	<a href="#">Copy</a>
<b>Issuer</b>	<code>https://blackboard.com</code>	<a href="#">Copy</a>
<b>Public keyset URL</b>	<code>https://developer.blackboard.com/api/v1/management/applications/8455aad3-7a0c-41b6-ad94-5431fb9e0cc4/jwks.json</code>	<a href="#">Copy</a>
<b>Auth token endpoint</b>	<code>https://developer.blackboard.com/api/v1/gateway/oauth2/jwttoken</code>	<a href="#">Copy</a>
<b>OIDC auth request endpoint</b>	<code>https://developer.blackboard.com/api/v1/gateway/oidcauth</code>	



Keep this page open to use the settings for the next section of the implementation.

## Step 2: Set the LTI 1.3 configuration in your KAF instance

In this section you will configure your KAF to support LTI 1.3 and connect with your Blackboard instance.

1. Login to your KAF Configuration Management console (`https://{your_KAF_URL}/admin`).
2. Navigate to the [Hosted module](#).

## Configuration Management

### Server Tools

Backup Configuration

Player replacement tool

### Global

Application

AddNew

Auth

Categories

Channels

Client

Debug

EmailService

EmailTemplates

Gallery

Header

Icalendar

### Hosted

enabled

Yes ▾

Enable the Hosted module.

enableLike

No ▾

Enable the 'Like' feature for entries.

allowEditPublished

Yes ▾

Enable editing of published entries

allowDeletePublished

Yes ▾

Enable deletion of published entries

AllowUnpublishPublished

Yes ▾

Enable unpublishing of published entries

enableEntryDelete

Yes ▾

Enable deleting media

### 3. Set **authMethod** to **Iti1.3**.

### Hosted

enabled

Yes ▾

Enable the Hosted module.

enableLike

No ▾

Enable the 'Like' feature for entries.

allowEditPublished

Yes ▾

Enable editing of published entries

allowDeletePublished

Yes ▾

Enable deletion of published entries

AllowUnpublishPublished

Yes ▾

Enable unpublishing of published entries

enableEntryDelete

Yes ▾

Enable deleting media

enableViews

No ▾

Enable showing number of views per entry.

showPageTitles

Yes ▾

Show page titles

expandButton

Auto ▾

Player expand button. *Auto* is on only if there are modules providing an entry sidebar.

manPublish

Yes ▾

Enable publish to a list of categories - from the menu, media, and upload. Disable this if you do not have access to the list of categories.

authMethod

Iti1.3 ▾

### 4. Fill in the following fields using the values from the [Developer portal](#).

- **Iti13PlatformOidcAuthUrl** = OIDC auth request endpoint
- **Iti13AuthTokenUrl** = Auth token endpoint
- **Iti13KeysUrl** = Public keyset URL
- **Iti13ClientId** = Application ID
- For the "**Iti13ServicePrivateKey**", click the '**generate key pair here**' link. This will generate the keys.

Iti13ServicePrivateKey

Service Private Key - this is used to sign the JWT or other calls done from KAF to the platform like in Deep Linking Response. You can [generate key pair here](#)

- In the **Certificate Generator** window, click **Use** to have the key pairs saved to the `Iti13ServicePrivateKey` and `Iti13ServicePublicKey` fields.

Certificate Generator

Copy the pair, and use them in the configuration.  
Private Key:  
-----BEGIN PRIVATE KEY-----  
MIIEvwlBADANBgkqhkiG9w0BAQEFAASCBCkKwggSIAGAAoIBAQDqtD7QTn8sVSXo  
eNFFRQOFj1wAn9W/qjeUg0F0Km45HOCuxpv6mGbTsY1Mk3RC0RZ/46kWWozJJk  
SR13G4pAvNbOPkZSrl8ABRvklvTsHjErrZGPJ2xLvQrC6gDA/tw+sbNjL33Upnk  
QsZ5TsGLMYTJkAiDJudEjWIIUTAWK0r15XgeHfrLxkeXp4rJY4VUXTlewPR9NQo  
EqoKj++47eYy5JoKuQyT6T1Hjtf6rh3S283U00P1ZbfUxOkGb23w3HxREockprac  
mRmwJD3v979/j9l1o81Jmz+HqDQyQ6ZhyI9mYYrOrhTR3mGIG4pjoIR1WXWsvie  
7HO0/k5pAgMBAECggEAd5/U4CESKotfneRubUrlj0mVQNDVDlcRIPbnEgE2aDlw  
MnKg3+frRdhZp+VyyhhfByv9DQFR4q1CPAEUFpAf4C0fotEU0LF1VDJGbdUQsoQU  
9bkqlnc2eEfrAzt3lOcJxgrbZwrUDAm6zB/Ivy2H8iUUFBPocshSWZth+joSq6HM  
Public Key:  
-----BEGIN PUBLIC KEY-----  
MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA6rQ+0E5/LFUI6HjRRUUB  
X449cAJ/Vv6o3iINBTipuORzgrsab+phm07GNTJN0QtEWf+OpFlqMySSZEkdXuK  
QLzWzj5GUq5fAAUb5Jb07B4xK62RjydsS70KwuoAwP/7cPrGzYy991KZ5ELGeU7B  
IzGEyZAigynRI1hyCFEwFitKyOV4Hh36y8ZHI6eKyWOFVF05XsD0fTUKBKqCo/v  
uO3mMuSaCrkMk+k9R43+q4Zt0mfN1DtD9WW31MTpBm9t8Nx8URKHJKa2nJkZsCQ9  
7/e/f4/ZZdaPNSZs/h6g0MkOmYcpfZmGKzq4U0d5hpRuKY6lkdV11rL4nuxztP5O  
aQIDAQAB  
-----END PUBLIC KEY-----

Use
Close

(Optional but recommended) After completing **Step 3** below ('Register the tool provider in Blackboard') and adding the custom parameters:

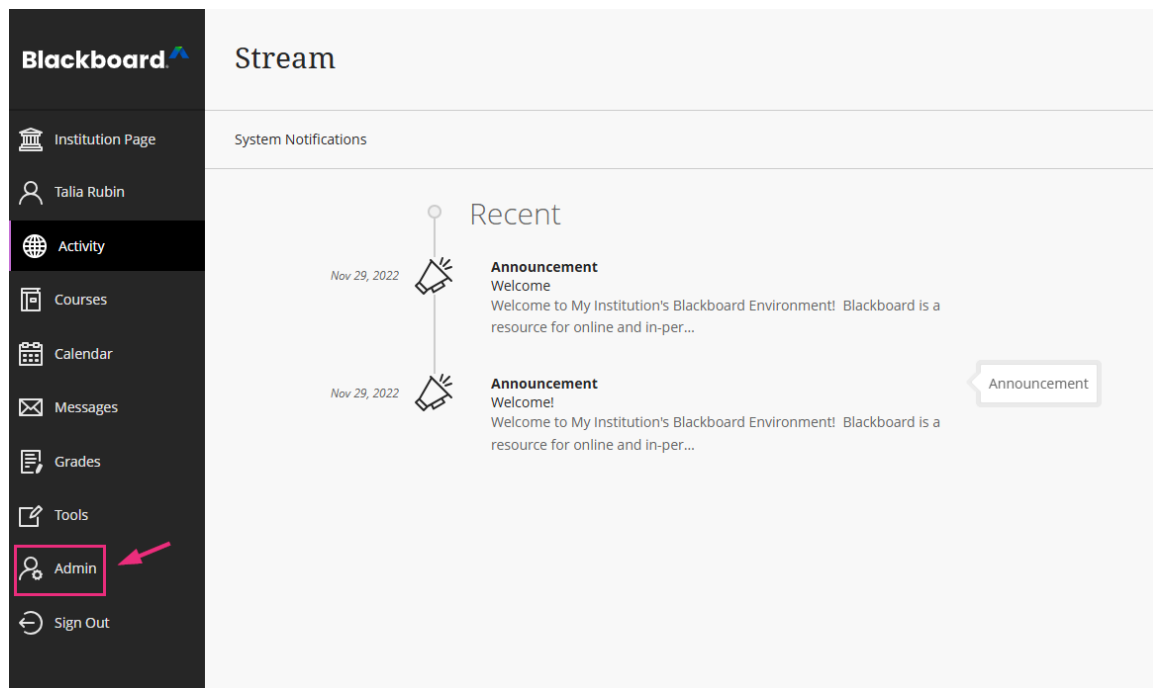
- **ItiUserIdAttribute** = `custom_lis_user_username`
- **ItiContextIdAttribute** = `custom_lis_course_id`

These settings ensure that user and course identifiers from Blackboard are consistently passed into Kaltura, especially if standard claims aren't available in LTI launches.

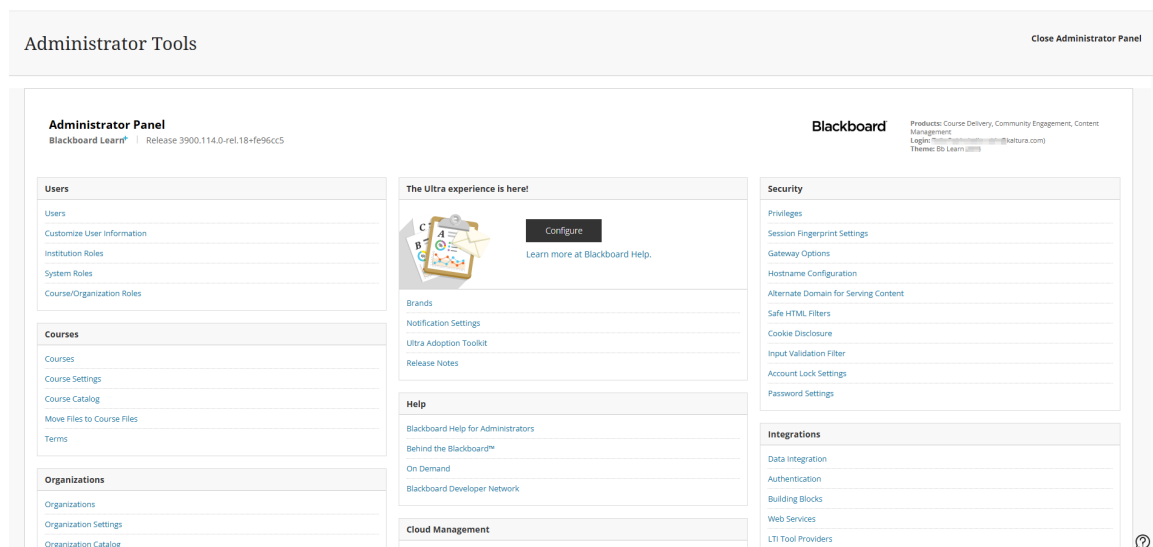
- Scroll to the bottom of the Hosted module and click **Save**.

### Step 3: Register the tool provider in Blackboard

1. Login to your Blackboard instance with an Account Admin user account.
2. Click **Admin** in the left navigation bar.



The Administrator Tools page displays.



3. Locate the **Integrations** section and select **LTI Tool Providers**.

Users

Customize User Information

Institution Roles

System Roles

Course/Organization Roles

Courses

Courses

Course Settings

Course Catalog

Move Files to Course Files

Terms

Organizations

Organizations

Organization Settings

Organization Catalog

Move Files to Organization Files

Communities

Configure

Learn more at Blackboard Help.

Brands

Notification Settings

Ultra Adoption Toolkit

Release Notes

Help

Blackboard Help for Administrators

Behind the Blackboard™

On Demand

Blackboard Developer Network

Cloud Management

Cloud Connector

Platform Extensions

Partner Cloud Settings

Privileges

Session Fingerprint Settings

Gateway Options

Hostname Configuration

Alternate Domain for Serving Content

Safe HTML Filters

Cookie Disclosure

Input Validation Filter

Account Lock Settings

Password Settings

Integrations

Data Integration

Authentication

Building Blocks

Web Services

LTI Tool Providers

Respondus Proctoring Integration

Cross-Origin Resource Sharing

REST API Integrations

Close Administrator Panel

4. In the **LTI Tool Providers** page displays.

Administrator Tools

Close Administrator Panel

Administrator Panel

LTI Tool Providers

LTI Tool Providers

This report is available to show all provider domains in use in the system, including the status. Domains can be approved, excluded, and deleted. Use the Register Provider Domain option to create additional LTI Tool Providers. [More Help](#)

Manage Global Properties

Register LTI 1.1 Provider

Register LTI 1.3/Advantage Tool

Synchronize LTI 1.3 Tools

Approve

Exclude

Delete

Refresh

TOOL/PROVIDER	TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	USER ACKNOWLEDGMENT PAGE	PLACEMENTS	USAGE COUNT	DEPLOYMENTS COUNT	ALLOW JAVASCRIPT INJECTION
430005@kaf.kaltura.com	LTI 1.1 Tool	Approved	Per Link	No	No	5	0		No
Blackboard Home	LTI 1.3 Tool	Excluded		No	No	1	0	0	No
CSTP2	LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	2	0	0	No
developer.blackboard.com	LTI 1.1 Tool	Approved	Per Link	No	No	1	0	0	No
eduse.bblearnmos.com@main.kaf.kaltura.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email (over SSL)	No	5	4		No

5. click on **Register LTI1.3/Advantage Tool**

Administrator Tools

Close Administrator Panel

Administrator Panel

LTI Tool Providers

LTI Tool Providers

This report is available to show all provider domains in use in the system, including the status. Domains can be approved, excluded, and deleted. Use the Register Provider Domain option to create additional LTI Tool Providers. [More Help](#)

Manage Global Properties

Register LTI 1.1 Provider

Register LTI 1.3/Advantage Tool

6. In the **Client ID** field, paste the same **Application ID** used for the **Iti13ClientId** in the previous section.

## Register LTI 1.3/Advantage Tool

### ENTER CLIENT ID

Client ID

Type the Client ID for the tool you'd like to add.

Click **Submit** to proceed.

## 7. Click **Submit**.

### ENTER CLIENT ID

Client ID

8455aad3-7a0c-41b6-ad94-5431fb9e0cc4

Type the Client ID for the tool you'd like to add.

Click **Submit** to proceed.

Cancel **Submit**

The **Accept LTI 1.3 Tool** page displays.

## Administrator Tools

Close Administrator Panel

Administrator Panel LTI Tool Providers Accept LTI 1.3 Tool

### Accept LTI 1.3 Tool

#### TOOL STATUS

The following fields are read-only, but you can toggle the status of this tool

Client ID

8455aad3-7a0c-41b6-ad94-5431fb9e0cc4

Name

Kaltura for Blackboard LTI 1.3

Description

Kaltura for Blackboard LTI 1.3

Default Deployment ID

4a874968-42a0-411b-bb9c-8839d8e7537d

Initiate Login URL

https://bb-lti13-2964661-test1.kaf.kaltura.com/ho

Tool Redirect URLs

https://bb-lti13-2964661-test1.kaf.kaltura.com/ho

JWS URL

https://bb-lti13-2964661-test1.kaf.kaltura.com/ho

Domains

bb-lti13-2964661-test1.kaf.kaltura.com

Click **Submit** to proceed.

Cancel **Submit**

## 8. Confirm the following settings, and update as needed:

### TOOL STATUS



- **Client ID** – application id value for your registered application
- **Name** – name for your registered application
- **Description** – description for your registered application
- **Default Deployment ID** – deployment id for your LTI 1.3 tool
- **Initiate Login URL** – login initiation URL for your registered application
- **Tool Redirect URLs**– tool redirect URL for your registered application
- **JWKS URL**
- **Domains** – your KAF domain (do not include “https://” or the trailing “/”)
- **Tool Status** – set to Approved
- **Tool Provider Custom Parameters**
  - **Add the following two parameters:**
  - **lis\_user\_username=@X@user.id@X@**
  - **lis\_course\_id=@X@course.id@X@**

## INSTITUTION POLICIES

### User Fields to Send

- **Role in Course** – checked
- **Name** – checked
- **Email Address** – checked
- **Allow grade service access** – set to 'Yes'
- **Allow Membership Service Access** – set to 'Yes'

9. Click **Submit**.

You receive a success message: *Success: LTI 1.3 Tool Edited: Kaltura for Blackboard LTI 1.3.*

## Step 4: Configure tool placements in Blackboard

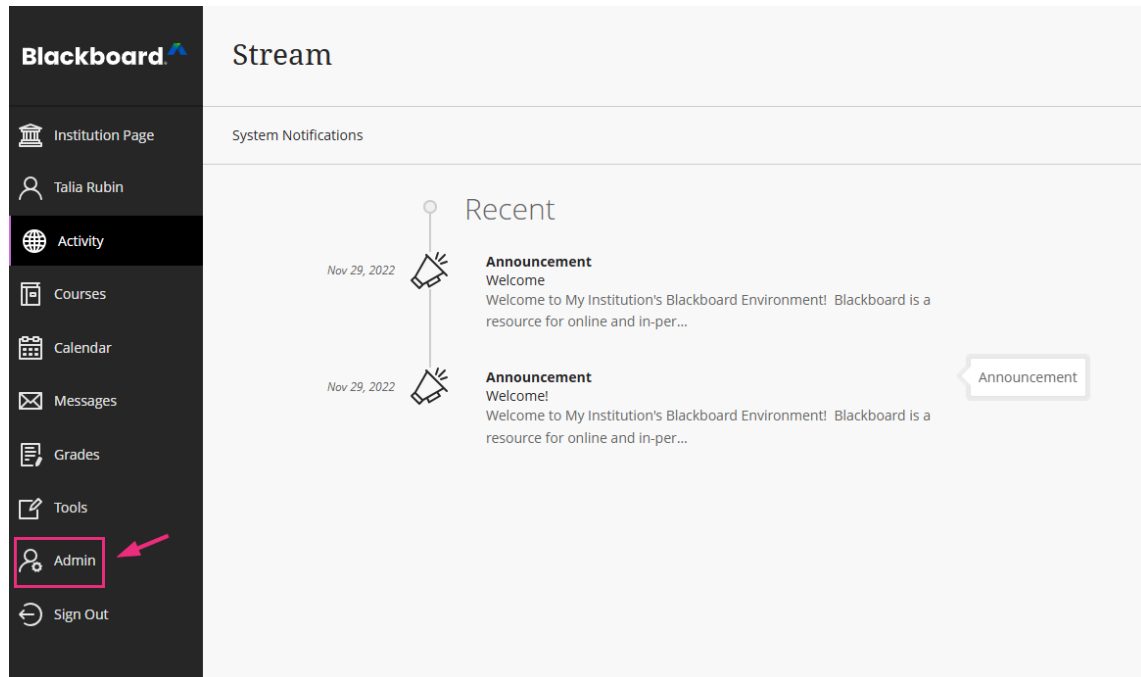
In this section you will add the tool placements for the following Kaltura tools:

- [My Media](#)
- [Media Gallery](#)
- [Browse, Search and Embed](#)
- [Interactive Video Quiz](#)

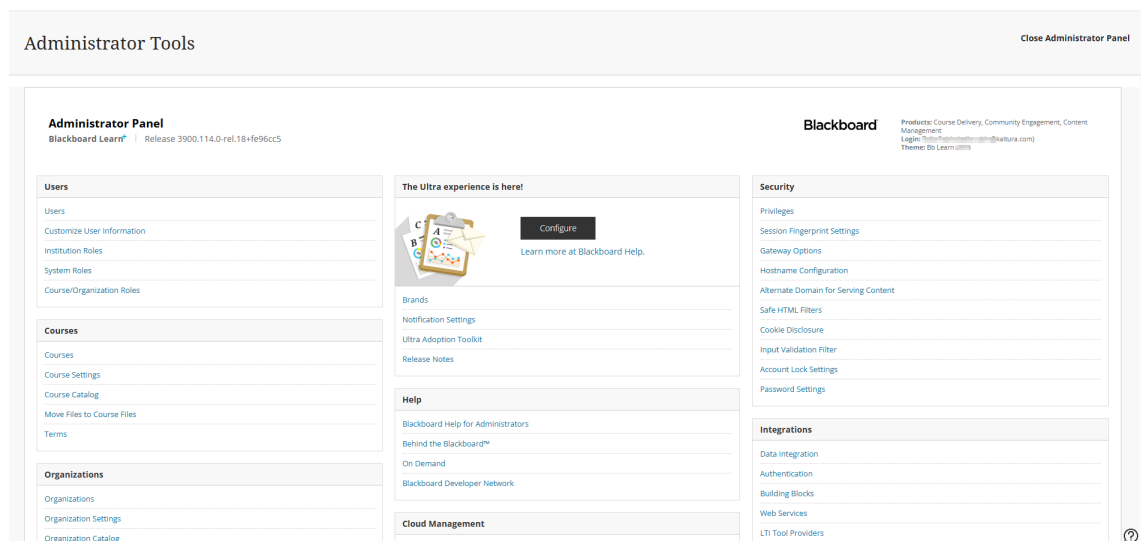
Each tool is independent of the others, and you can select to use any one of them or all of them.

Start by performing the following steps:

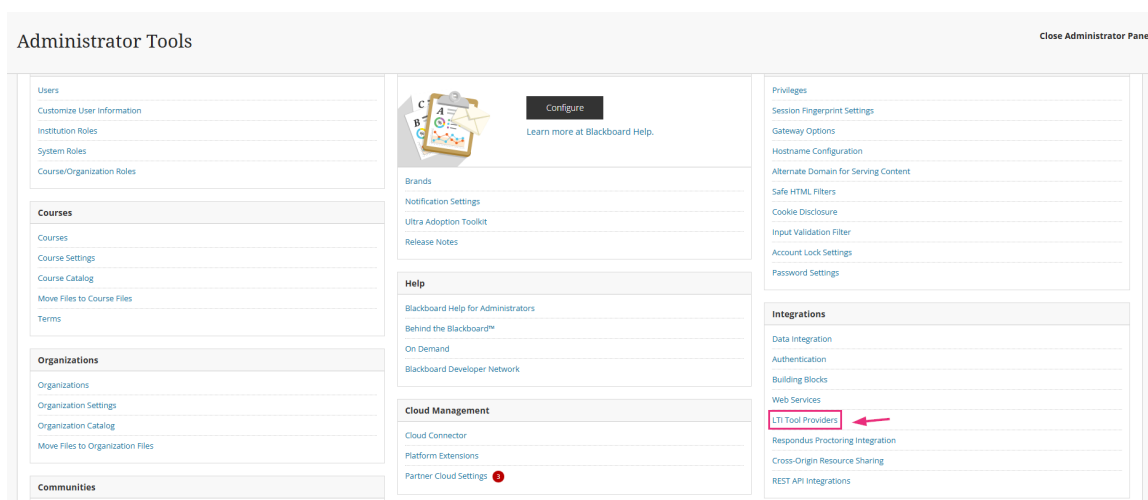
1. Login to your Blackboard instance with an Account Admin user account.
2. Click **Admin** in the left navigation bar.



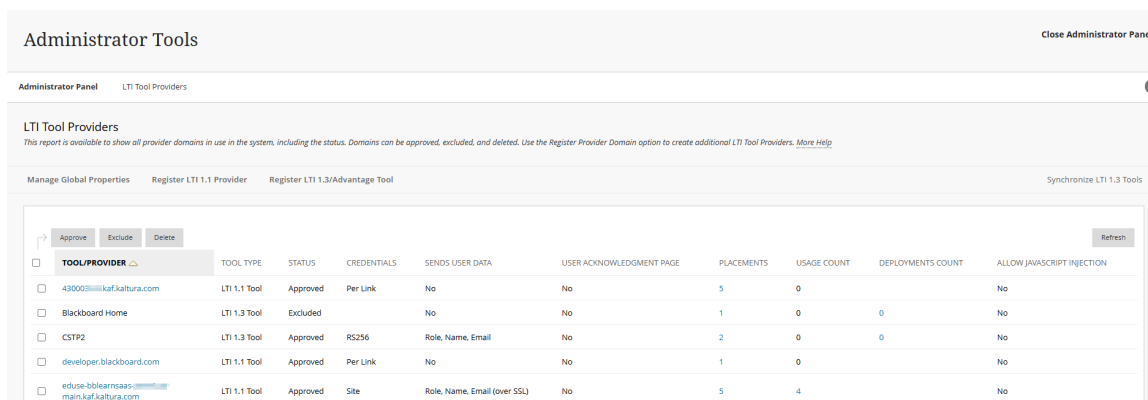
The Administrator Tools page displays.



3. Locate the **Integrations** section and select **LTI Tool Providers**.

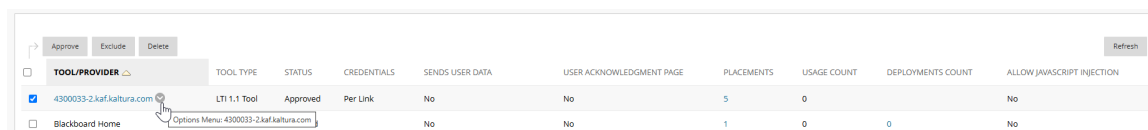


4. In the **LTI Tool Providers** page displays.



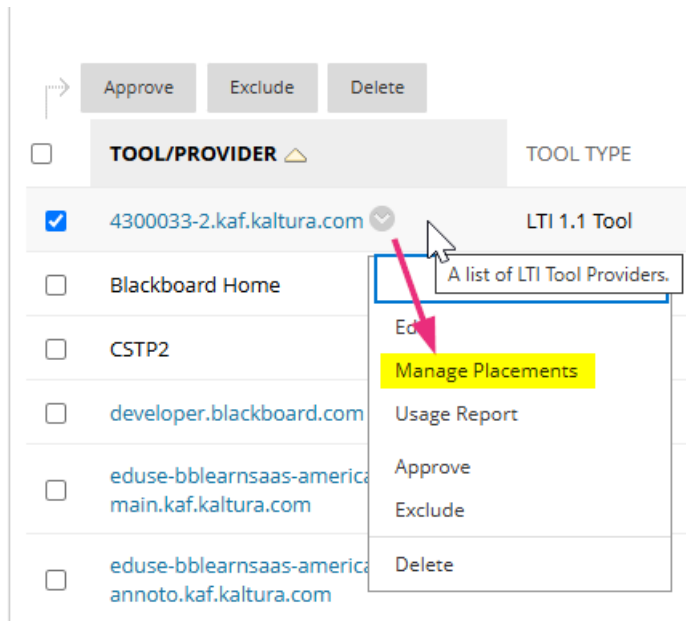
5. On the LTI Tool Providers page locate the Tool Provider you created.

6. Hover over the name for the Tool Provider to expose the icon for the options menu.

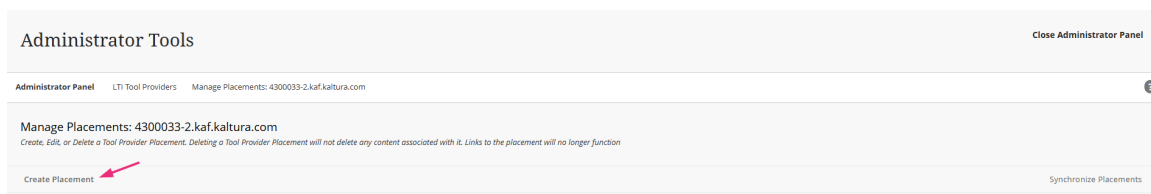


7. Click on the icon to display the list of options.

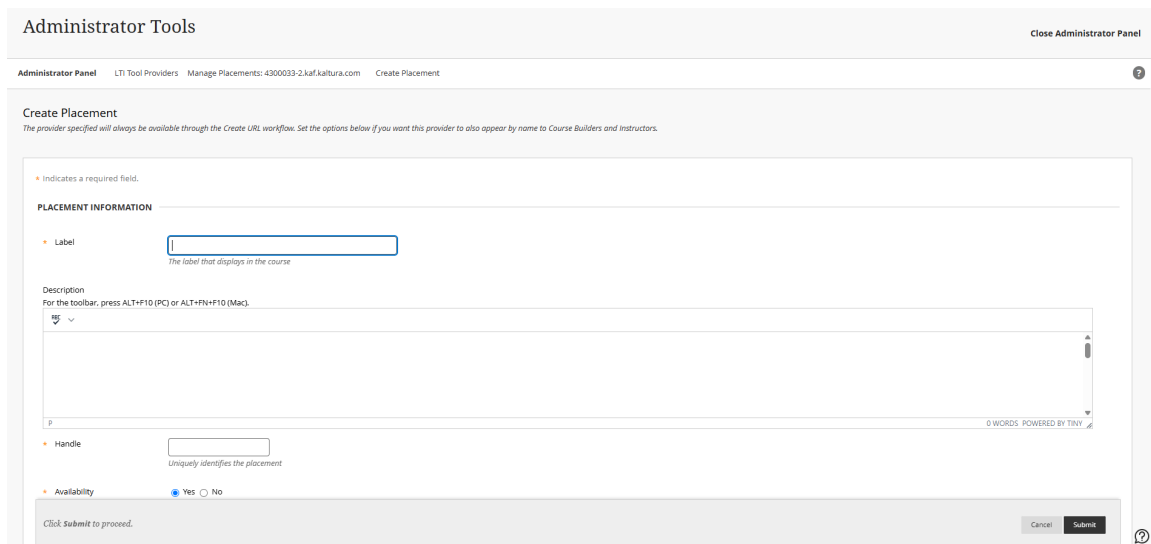
8. Click on **Manage Placements**



## 9. Click on **Create Placement**



The **Create Placement** page displays.



## 10. Complete the steps in each of the following subsections to add a placement for the Kaltura tool you would like to add:

### My Media placement

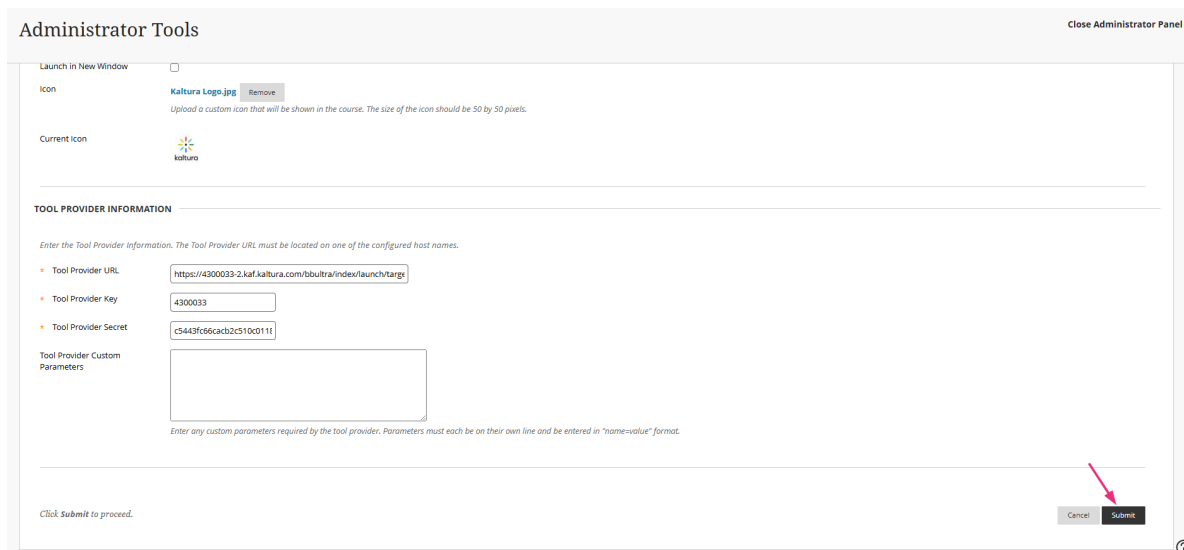
#### 1. Complete the fields as follows:

- **Label** – Enter the name displayed to users, for example, **My Media** (it can be any value)
- **Description** – Enter a description for the tool
- **Handle** – Enter the internal ID for the tool, for example, **KalturaMyMedia**
- **Availability** – Set to 'Yes' to make the tool available to users
- **Type** – Select **System Tool**
- **Icon**
  - Save the Kaltura icon to a location on your computer



- Click the browse button to browse to the location you saved the icon to
  - Select the icon file and add to the placement
- **Target Link URI** - Enter your KAF URL concatenated with the following URL: **/bbultra/index/launch/target/my-media**  
for example, <https://123456.kaf.kaltura.com/bbultra/index/launch/target/my-media>


## 2. Click **Submit**.



Administrator Tools Close Administrator Panel

Launch in New Window ☐

Icon Kaltura Logo.jpg Remove  
Upload a custom icon that will be shown in the course. The size of the icon should be 50 by 50 pixels.

Current Icon 

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**TOOL PROVIDER INFORMATION**

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

- Tool Provider URL
- Tool Provider Key
- Tool Provider Secret

Tool Provider Custom Parameters

Enter any custom parameters required by the tool provider. Parameters must each be on their own line and be entered in "name=value" format.

Click **Submit** to proceed.

Cancel Submit

## Media Gallery placement

### 1. Complete the fields as follows:

- **Label** – Enter the name displayed to users, for example, **Media Gallery** (it can be any value)
- **Description** – Enter a description for the tool
- **Handle** – Enter the internal ID for the tool, for example, **KalturaMediaGallery**

- **Availability** – Set to 'Yes' to make the tool available to users
- **Type** – Select **Course Tool**
  - check **Allow student access**
- **Icon**
  - Save the Kaltura icon to a location on your computer



- Click the browse button to browse to the location you saved the icon to
  - Select the icon file and add to the placement
- **Target Link URI** - Enter your KAF URL concatenated with the following URL: **/hosted/index/course-gallery**  
for example, <https://123456.kaf.kaltura.com/hosted/index/course-gallery>

## 2. Click **Submit**.

## Browse, Search and Embed (BSE) placement

### 1. Complete the fields as follows:

- **Label** – Enter the name displayed to users, for example, Embed Media (it can be any value)
- **Description** – Enter a description for the tool
- **Handle** – Enter the internal ID for the tool, for example, **KalturaBSE**
- **Availability** – Set to 'Yes' to make the tool available to users
- **Type** – Select **Deep Linking content tool**
  - check **Allow student access**
- **Icon**
  - Save the Kaltura icon to a location on your computer



- Click the browse button to browse to the location you saved the icon to
  - Select the icon file and add to the placement
- **Target Link URI** - Enter your KAF URL concatenated with the following URL:  
**/browseandembed/index/browseandembed**  
for example,  
<https://123456.kaf.kaltura.com/browseandembed/index/browseandembed>

2. Click **Submit**.

## Interactive Video Quiz placement

1. Complete the fields as follows:

- **Label** – Enter the name displayed to users, for example, **Kaltura Video Quiz** (it can be any value)
- **Description** – Enter a description for the tool
- **Handle** – Enter the internal ID for the tool, for example, **KalturaVideoQuiz**
- **Availability** – Set to 'Yes' to make the tool available to users
- **Type** – Select **Deep Linking content tool**
  - check **Allow student access**
- **Icon**
  - Save the Kaltura icon to a location on your computer



- Click the browse button to browse to the location you saved the icon to
  - Select the icon file and add to the placement
- **Target Link URI** - Enter your KAF URL concatenated with the following URL: **/browseandembed/index/browseandembed?type=quiz** for example,

2. Click **Submit**.

## Step 5: Create the REST API Integration

This enables features like publishing from My Media to Media Galleries.

### Option 1: Secure method (recommended)

The REST API Integration for Kaltura will have User level privileges with the addition of privileges to list the courses they are enrolled in.

1. Login to your Blackboard instance with an Account Admin user account.
2. Navigate to **Administrator Tools**.

Administrator Tools
Close Administrator Panel


**Administrator Panel**  
Blackboard Learn® | Release 3900.114.0-rel.18-fe96cc5

**Blackboard**  
Products: Course Delivery, Community Engagement, Content Management  
Login: Talia Rubin (talia.rubin@kaltura.com)  
Theme: Bb Learn (180118)

**Users**  
Users  
Customize User Information  
Institution Roles  
System Roles  
Course/Organization Roles

**Courses**  
Courses  
Course Settings  
Course Catalog  
Move Files to Course Files  
Terms

**Organizations**  
Organizations  
Organization Settings  
Organization Catalog

**The Ultra experience is here!**  
  
[Configure](#)  
Learn more at Blackboard Help.

**Brands**  
Notification Settings  
Ultra Adoption Toolkit  
Release Notes

**Help**  
Blackboard Help for Administrators  
Behind the Blackboard™  
On Demand  
Blackboard Developer Network

**Cloud Management**

**Security**  
Privileges  
Session Fingerprint Settings  
Gateway Options  
Hostname Configuration  
Alternate Domain for Serving Content  
Safe HTML Filters  
Cookie Disclosure  
Input Validation Filter  
Account Lock Settings  
Password Settings

**Integrations**  
Data Integration  
Authentication  
Building Blocks  
Web Services  
LTI Tool Providers


### 3. Under **Users**, click **System Roles**.

Administrator Tools
Close Administrator Panel

**Administrator Panel**  
Blackboard Learn® | Release 3900.114.0-rel.18-fe96cc5

**Blackboard**  
Products: Course Delivery, Community Engagement, Content Management  
Login: Talia Rubin (talia.rubin@kaltura.com)  
Theme: Bb Learn (2016)

**Users**  
Users  
Customize User Information  
Institution Roles  
System Roles  
Course/Organization Roles

**The Ultra experience is here!**  
  
[Configure](#)  
Learn more at Blackboard Help.

**Brands**

**Security**  
Privileges  
Session Fingerprint Settings  
Gateway Options  
Hostname Configuration  
Alternate Domain for Serving Content  
Safe HTML Filters

The **System Roles** page displays.

### 4. Click **Create Role**.

Administrator Tools
Close Administrator Panel

Administrator Panel System Roles

System Roles  
Create Role

The **Create System Role** page displays.



Administrator Tools
Close Administrator Panel

Administrator Panel
System Roles
Create System Role

Create System Role

Indicates a required field.

**ROLE PROPERTIES**

Role Name

Role ID

Description  
For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).

0 WORDS. POWERED BY TINY

**LIMIT MANAGEMENT OF COURSE ENROLLMENTS**

Click **Submit** to proceed.

Cancel Submit

5. In the Create System Role page, fill in the following values:
  - a. **Role Name** - Enter a unique name for the system role, for example, **KalturaRESTAPIRole**
  - b. **Role ID** - Enter a unique ID for the system role, for example, **KALTURAREST1**
  - c. **Description** - Enter a description for this system role
6. Click **Submit**.

A success message will display and state that the System Role has been created, and the **Manage Privileges** page displays.

Administrator Tools
Close Administrator Panel

Administrator Panel
System Roles
Manage Privileges: KalturaRESTAPIRole

Success: System Role created.

**Manage Privileges: KalturaRESTAPIRole**  
Click the check boxes to select privileges and then click **Permit Privileges** or **Restrict Privileges** from the **Privileges** menu. All privileges that are checked are permitted for this role. Changes to the privileges on this page apply only to this role. Use the **Search** field to locate specific privileges. **NOTE:** Not every link in the system can be controlled with privileges and some Building Blocks may be available to every user who can access the Administrator panel.

Search: Go

Privileges:
Page 1 of 21

☐ PERMITTED
PRIVILEGES

7. To add the additional privileges for this role, click **PERMITTED**.

Administrator Panel
System Roles
Manage Privileges: KalturaRESTAPIRole

Success: System Role created.

**Manage Privileges: KalturaRESTAPIRole**  
Click the check boxes to select privileges and then click **Permit Privileges** or **Restrict Privileges** from the **Privileges** menu. All privileges that are checked are permitted for this role. Changes to the privileges on this page apply only to this role. Use the **Search** field to locate specific privileges. **NOTE:** Not every link in the system can be controlled with privileges and some Building Blocks may be available to every user who can access the Administrator panel.

Search: Go

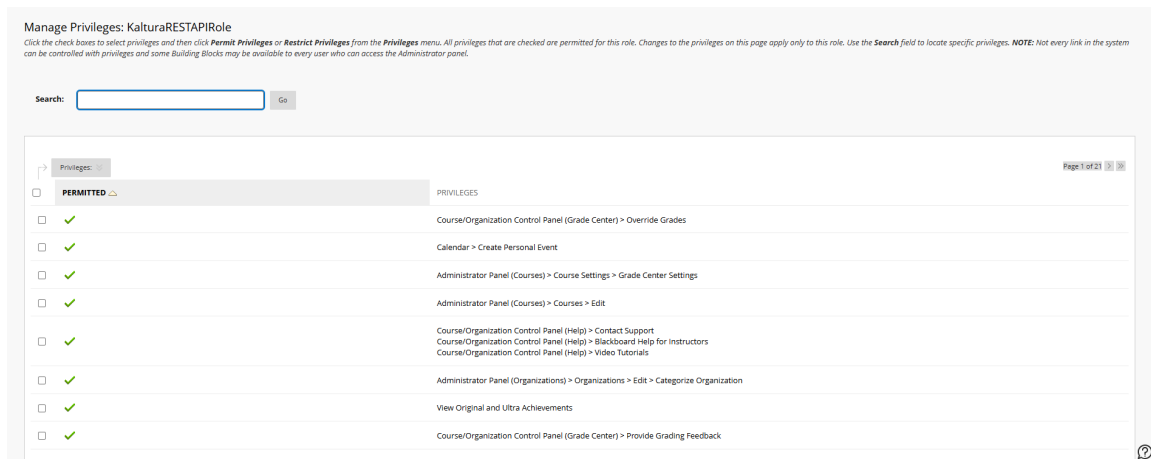
Privileges:
Page 1 of 21

☐ **PERMITTED**
PRIVILEGES

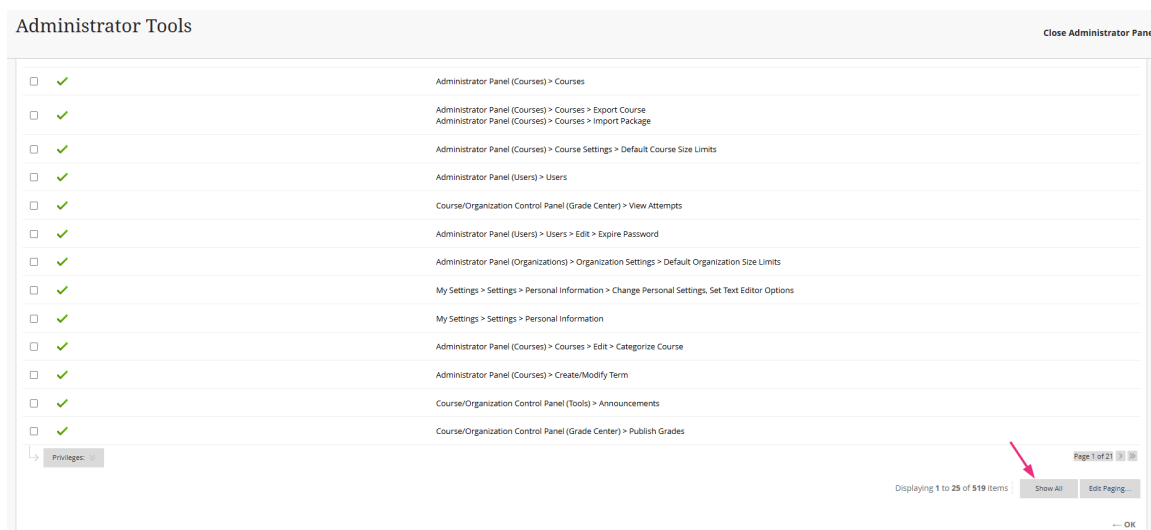
This is a table showing the attributes of a collection of items.

Grade Approval and Transfer > Execute

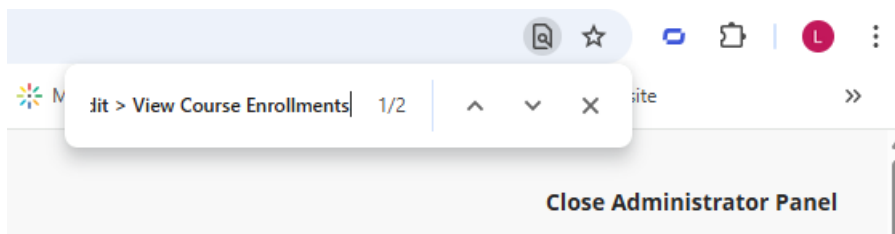
A list of the Permitted Privileges that are enabled for this role display.



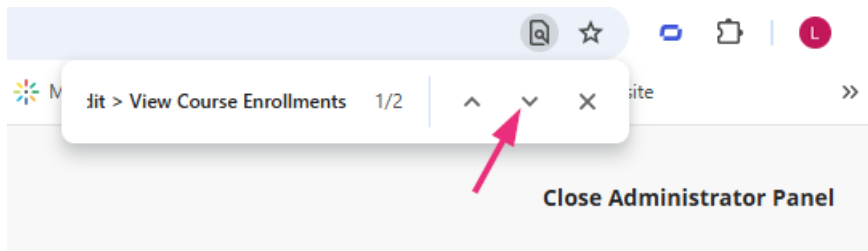
8. Scroll to the bottom of the page and click the **Show All** button, to also display all available privileges



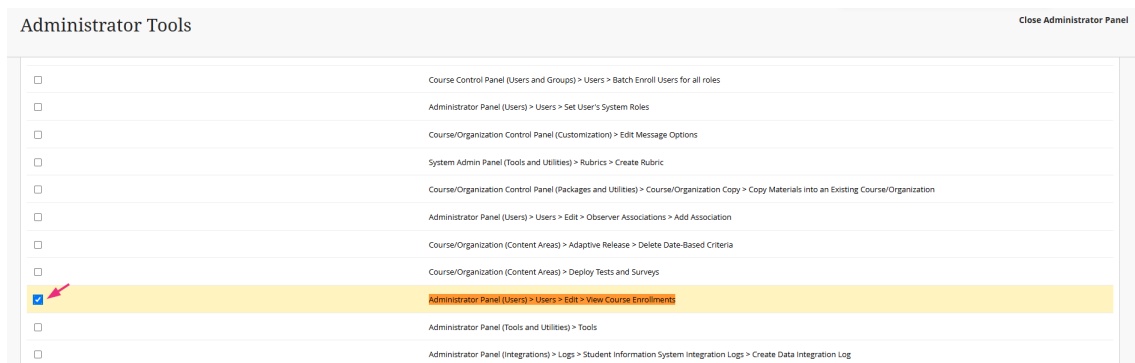
9. Open the browser search for the browser you are using ( **Ctrl-f**).
10. Enter **Administrator Panel (Users) > Users > Edit > View Course Enrollments**.



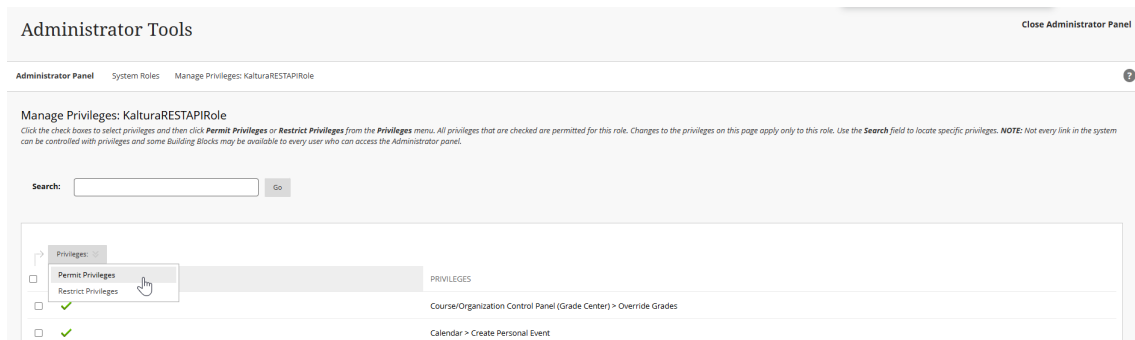
11. Click the down arrow on the search to jump to the next search item.



12. Click the check box to the left.



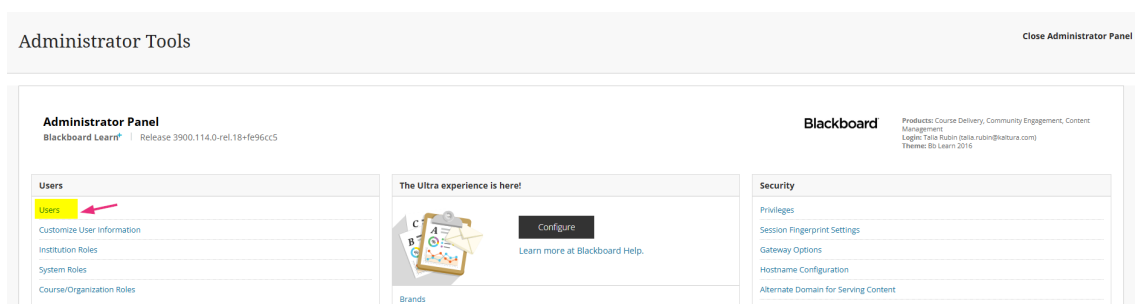
13. Scroll to the top of the list and click on the **Privileges** box and select **Permit Privileges**.



Repeat the steps (10 - 13) using a search value of **Administrator Panel (Users) > Users > Edit > View Organization Enrollments**.

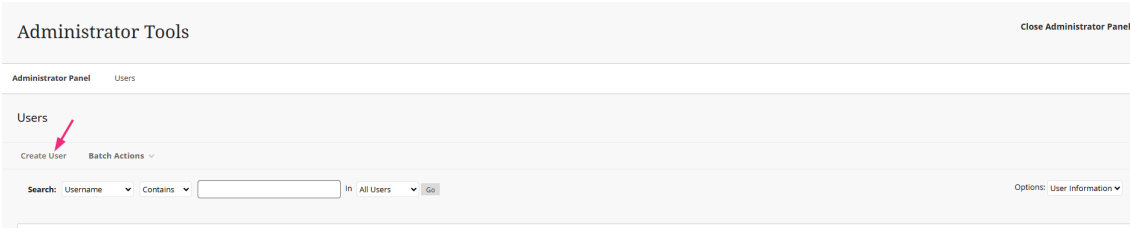
The two additional privileges have now been added to the role.

14. On the **Administrator Tools** page, click **Users**.



The **Users** page displays.

15. Click **Create User**.



Administrator Tools Close Administrator Panel

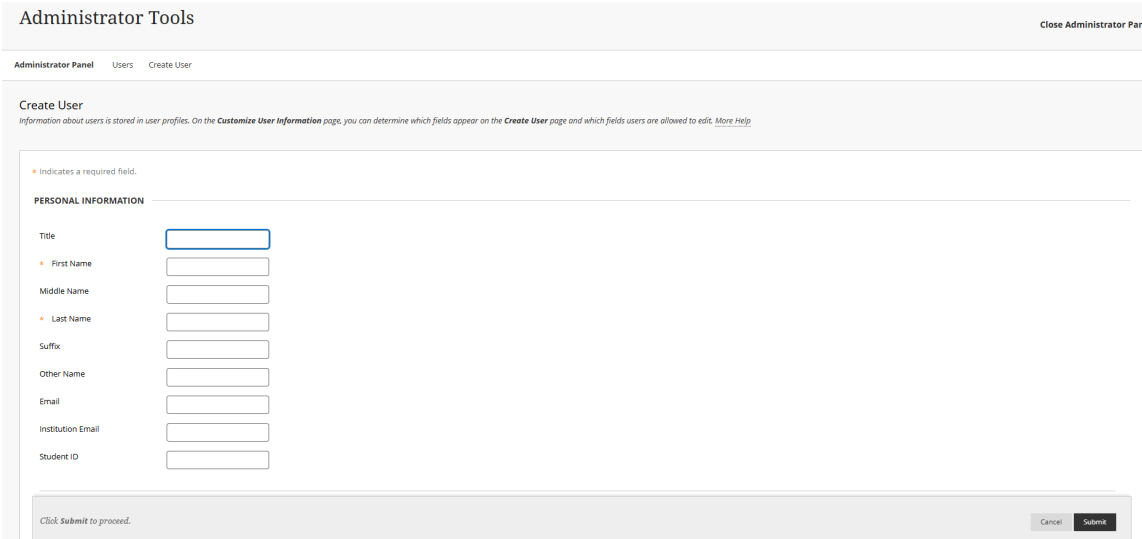
Administrator Panel Users

Users

Create User Batch Actions

Search: Username Contains  In All Users Go Options: User Information

The **Create User** page displays.



Administrator Tools Close Administrator Panel

Administrator Panel Users Create User

Create User

Information about users is stored in user profiles. On the [Customize User Information](#) page, you can determine which fields appear on the **Create User** page and which fields users are allowed to edit. [More Help](#)

\* Indicates a required field.

PERSONAL INFORMATION

Title

\* First Name

Middle Name

\* Last Name

Suffix

Other Name

Email

Institution Email

Student ID

Click Submit to proceed. Cancel Submit

16. Create a new user using the standard settings used by your organization. Kaltura recommends setting the **Primary Institution Role** to 'Other'. Set the **Primary System Role** to the system role you have created.

**Available Roles**

- Faculty
- Guest
- Observer
- Prospective Student
- Role 10
- Role 11
- Role 12
- Role 13
- Role 14
- Role 15
- Role 16

**Selected Roles**

Primary Institution Role

Other

Secondary Institution Roles

## SYSTEM ROLES

Select one or more System Roles

Note: Any role other than None, Observer, or Guest will grant access to the Administrator Panel.

**Available Roles**

- Guest
- Kaltura PoC Test
- KalturaRESTAPI
- Learning Environment Administrator
- Observer
- Rubric Manager
- Support
- Survey Author
- System Administrator
- System Support
- User Administrator

**Selected Roles**

Primary System Role

KalturaRESTAPIRole

Secondary System Roles

- Click **Submit**.
- On the **Administrator Tools** page, under **Integrations**, click **REST API Integrations**.

Administrator Tools Close Administrator Panel

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Theme: BB Learn 2016


**Users**  
[Users](#)  
[Customize User Information](#)  
[Institution Roles](#)  
[System Roles](#)  
[Course/Organization Roles](#)

**Courses**  
[Courses](#)  
[Course Settings](#)  
[Course Catalog](#)  
[Move Files to Course Files](#)  
[Terms](#)

**Organizations**  
[Organizations](#)  
[Organization Settings](#)  
[Organization Catalog](#)  
[Move Files to Organization Files](#)

**Communities**

**The Ultra experience is here!**



[Configure](#)

Learn more at Blackboard Help.

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[Notification Settings](#)  
[Ultra Adoption Toolkit](#)  
[Release Notes](#)

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[Hostname Configuration](#)  
[Alternate Domain for Serving Content](#)  
[Safe HTML Filters](#)  
[Cookie Disclosure](#)  
[Input Validation Filter](#)  
[Account Lock Settings](#)  
[Password Settings](#)

**Integrations**  
[Data Integration](#)  
[Authentication](#)  
[Building Blocks](#)  
[Web Services](#)  
[LTI Tool Providers](#)  
[Respondus Proctoring Integration](#)  
[Cross-Origin Resource Sharing](#)  
[REST API Integrations](#)

19. Click the **Create Integration** button.

Administrator Tools Close Administrator Panel

Administrator Panel REST API Integrations

**REST API Integrations**

[Create Integration](#)

Availability Delete

APPLICATION DEVELOPER LEARN USER AVAILABLE TRUSTED SERVICE

The **Create Integration** page displays.

Administrator Tools Close Administrator Panel

Administrator Panel REST API Integrations [Create Integration](#)

**Create Integration**

\* Indicates a required field.

**GENERAL INFORMATION**

★ Application ID

★ Learn User  [Browse...](#)

★ End User Access ☒ Yes ☐ No

★ Authorized To Act As User ☐ Yes ☐ No ☒ Service Default (No)

Click Submit to proceed.

[Cancel](#) [Submit](#)

20. Complete the following:

- **Application ID** - Use the Kaltura Application ID: **8d68a3e5-4643-4152-bded-6bca9eb39312**
- **Learn User** - set to the REST API Integration user account you created in steps 7-10 above
- **End User Access** - set to **YES**.
- **Authorized To Act As User** - set to **Service Default (No)**.

Create Integration

\* Indicates a required field.

**GENERAL INFORMATION**

Application ID

Learn User
Browse...

End User Access
☒ Yes ☐ No

Authorized To Act As User
☐ Yes ☐ No ☒ Service Default (No)

Click Submit to proceed.

Cancel Submit

21. Click **Submit**.

## Option 2: Admin user method (less secure)



This method grants full system admin privileges to the integration and is not recommended unless absolutely necessary. Use **Option 1** whenever possible to minimize access.

1. Login to your Blackboard instance with an Account Admin user account.
2. Navigate to Administrator Tools.

Administrator Tools
Close Administrator Panel


**Administrator Panel**  
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**Blackboard**  
Products: Course Delivery, Community Engagement, Content Management  
Logins: [Tools](#) | [Help](#) | [Feedback](#) | [Support](#) | [Contact Us](#)  
Theme: [To Learn](#) | [To Learn](#) | [To Learn](#)

**Users**  
Users  
Customize User Information  
Institution Roles  
System Roles  
Course/Organization Roles

**Courses**  
Courses  
Course Settings  
Course Catalog  
Move Files to Course Files  
Terms

**Organizations**  
Organizations  
Organization Settings  
Organization Catalog

**The Ultra experience is here!**  
  
Configure  
Learn more at Blackboard Help.

**Brands**  
Notification Settings  
Ultra Adoption Toolkit  
Release Notes

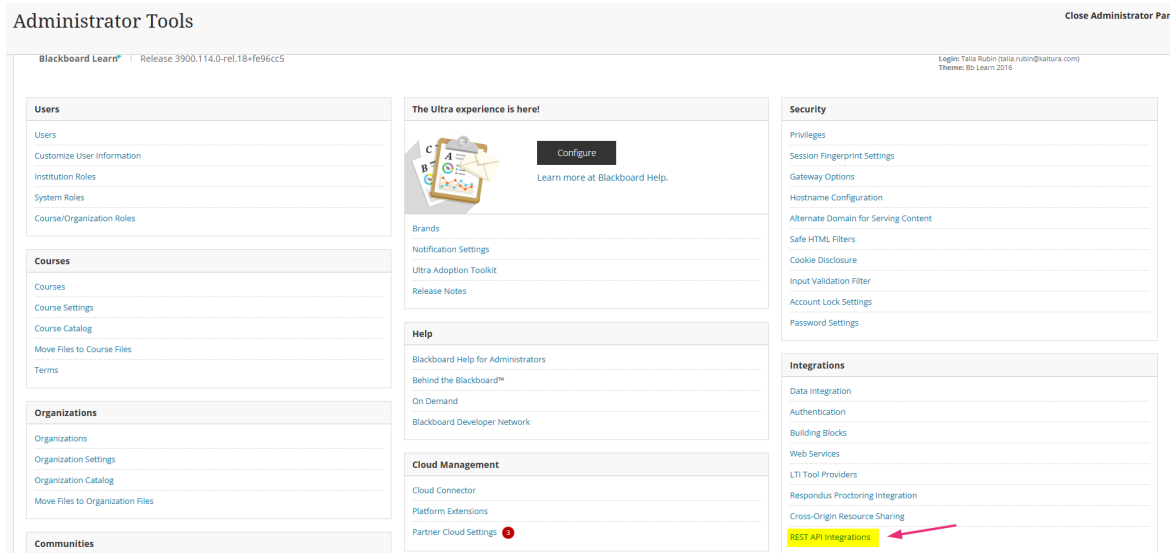
**Help**  
Blackboard Help for Administrators  
Behind the Blackboard™  
On Demand  
Blackboard Developer Network

**Cloud Management**  
...

**Security**  
Privileges  
Session Fingerprint Settings  
Gateway Options  
Hostname Configuration  
Alternate Domain for Serving Content  
Safe HTML Filters  
Cookie Disclosure  
Input Validation Filter  
Account Lock Settings  
Password Settings

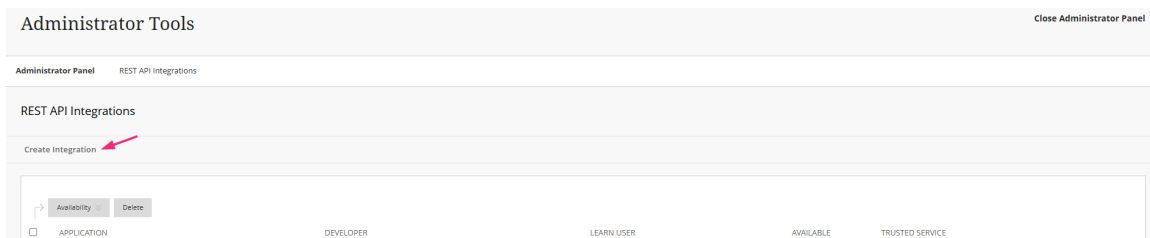
**Integrations**  
Data Integration  
Authentication  
Building Blocks  
Web Services  
LTI Tool Providers

Under **Integrations**, click **REST API Integrations**.



The **REST API Integrations** page displays.

### 3. Click **Create Integration**.



### 4. Set the following:

- **Application ID** - Use the Kaltura Application ID: **8d68a3e5-4643-4152-bded-6bca9eb39312**
- **Learn User** - Set to a Blackboard Admin user that will be used
- **End User Access** - Set to 'Yes'
- **Authorize To Act As User** - Set to **Service Default (No)**

Create Integration

★ Indicates a required field.

GENERAL INFORMATION

★ Application ID
8d68a3e5-4643-4152-bded-6bca9eb39312

★ Learn User
SystemAdminUserAccount
Browse...

★ End User Access
☒ Yes ☐ No

★ Authorized To Act As User
☐ Yes ☐ No ☒ Service Default (No)

Click **Submit** to proceed.
Cancel
Submit





5. Click **Submit**.

You're done! The Kaltura tools are now deployed in Blackboard using the latest LTI 1.3 integration.



Need help or migrating from an older setup? Contact your Kaltura representative.