

Kaltura LMS integration for Blackboard - Deployment guide LTI 1.3

Last Modified on 04/02/2025 11:03 am 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.

Prerequisites

- 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)
- KAF version **v5.99.46** or later
- The following modules enabled:
 - [Blackboardultra module](#)
 - [Browseandembed module](#)
 - [Hosted module](#)
 - [Hostedrelated module](#)
 - [LTIgrading module](#)

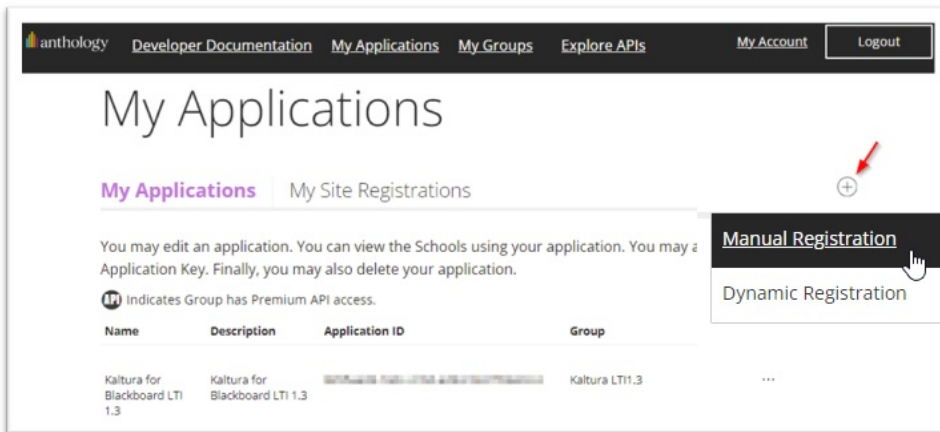
Step 1: Register the Kaltura application in the Blackboard developer portal



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.

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



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

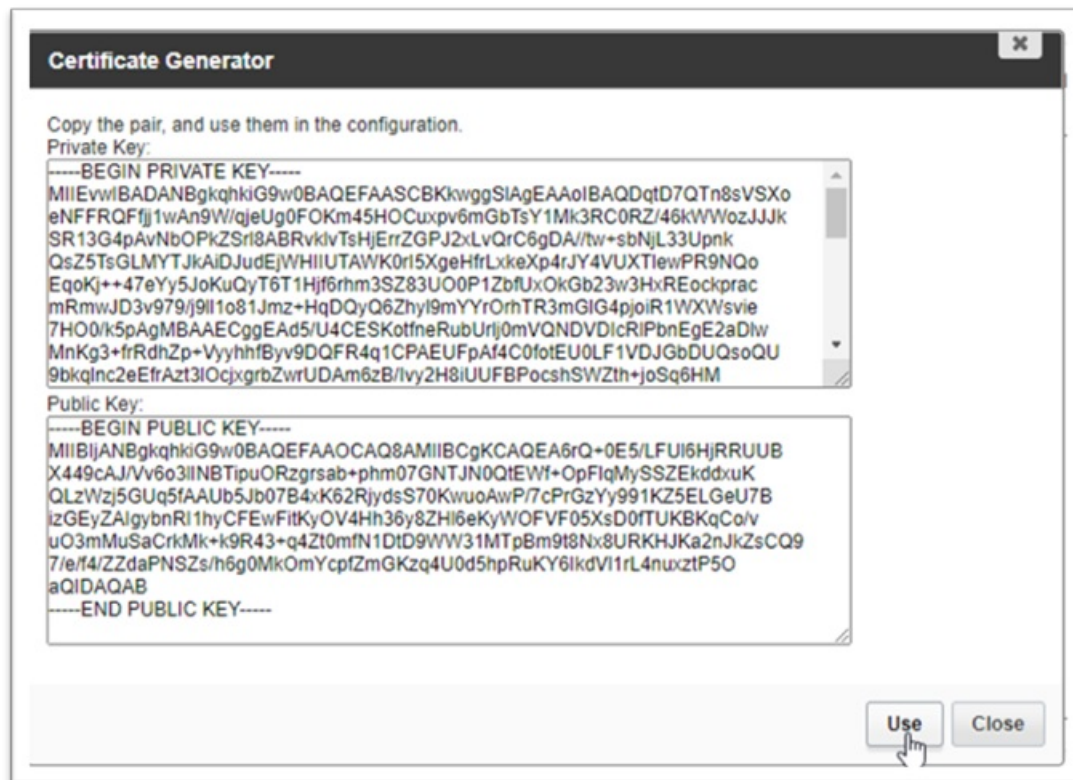
Iti1.3 ▾

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.



- In the **Certificate Generator** window, click **Use** to have the key pairs saved to the `lti13ServicePrivateKey` and `lti13ServicePublicKey` fields.



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

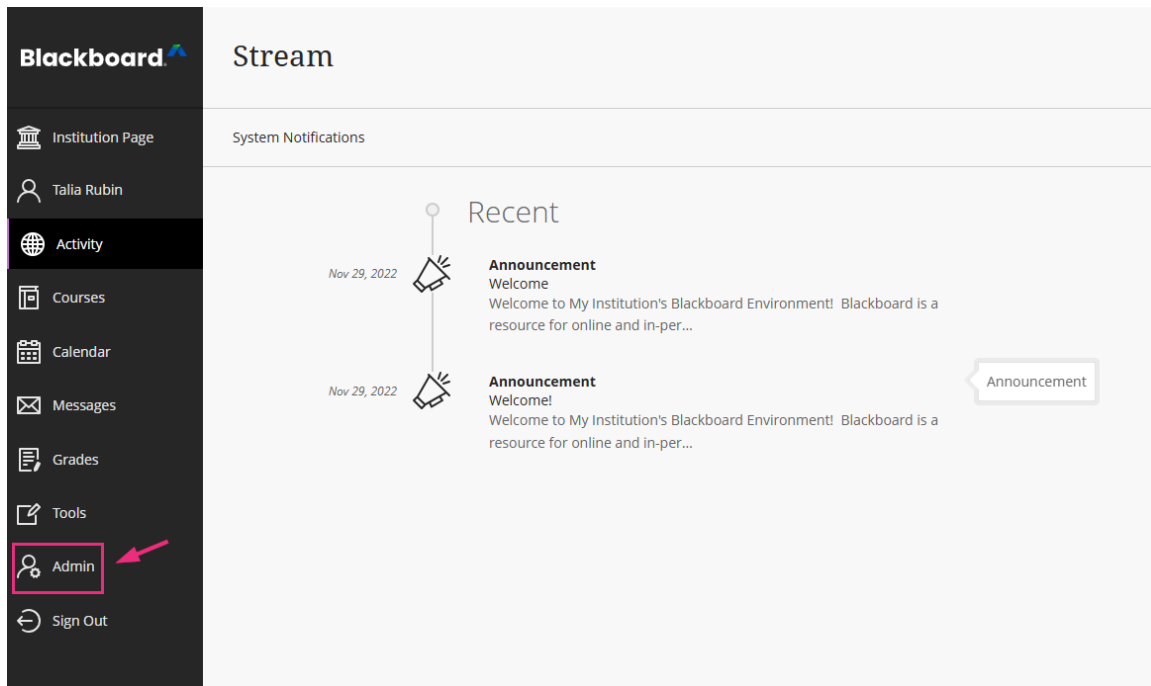
- **ItiUserIdAttribute** = `custom_lis_user_username`
- **ItiContextIdAttribute** = `custom_lis_course_id`

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.

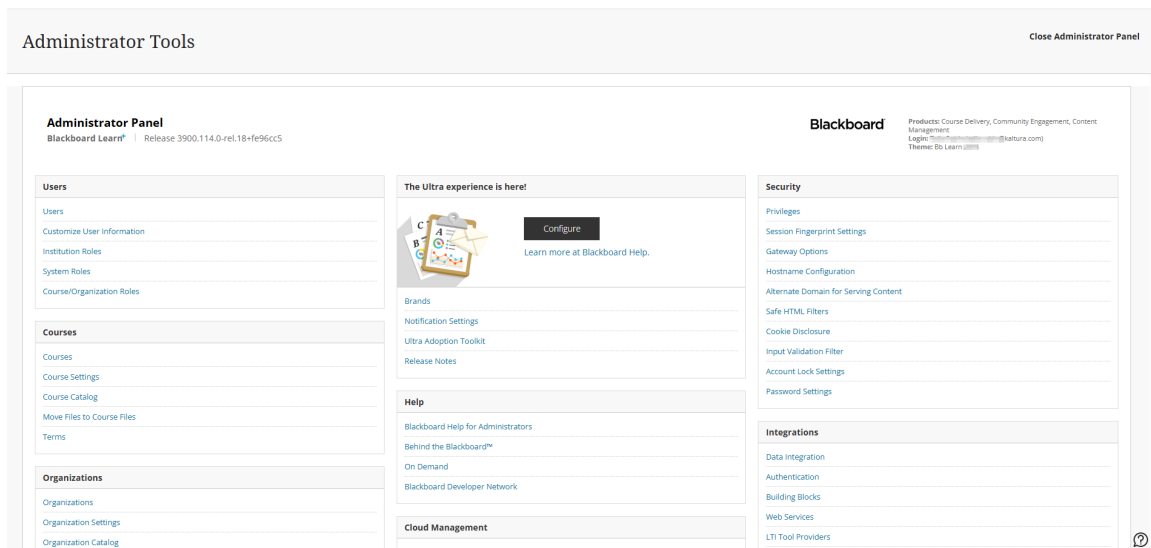
- Scroll to the bottom of the Hosted module and click **Save**.

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**.

Administrator Tools Close Administrator Panel

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

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

<input type="checkbox"/>	TOOL/PROVIDER	TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	USER ACKNOWLEDGMENT PAGE	PLACEMENTS	USAGE COUNT	DEPLOYMENTS COUNT	ALLOW JAVASCRIPT INJECTION
<input type="checkbox"/>	43000@kaf.kaltura.com	LTI 1.1 Tool	Approved	Per Link	No	No	5	0		No
<input type="checkbox"/>	Blackboard Home	LTI 1.3 Tool	Excluded		No	No	1	0	0	No
<input type="checkbox"/>	CSTP2	LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	2	0	0	No
<input type="checkbox"/>	developer.blackboard.com	LTI 1.1 Tool	Approved	Per Link	No	No	1	0	0	No
<input type="checkbox"/>	educe-bbb@mass.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

Administrator Panel LTI Tool Providers

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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

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	<input type="text" value="8455aad3-7a0c-41b6-ad94-5431fb9e0cc4"/>
Name	<input type="text" value="kaltura for Blackboard LTI 1.3"/>
Description	<input type="text" value="kaltura for Blackboard LTI 1.3"/>
Default Deployment ID	<input type="text" value="4a874968-42a0-411b-bb9c-8839d9e7537d"/>
Initiate Login URL	<input type="text" value="https://bb-lti13-2964661-test1.kaf.kaltura.com/ho"/>
Tool Redirect URLs	<input type="text" value="https://bb-lti13-2964661-test1.kaf.kaltura.com/ho"/>
JWS URL	<input type="text" value="https://bb-lti13-2964661-test1.kaf.kaltura.com/ho"/>
Domains	<input type="text" value="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

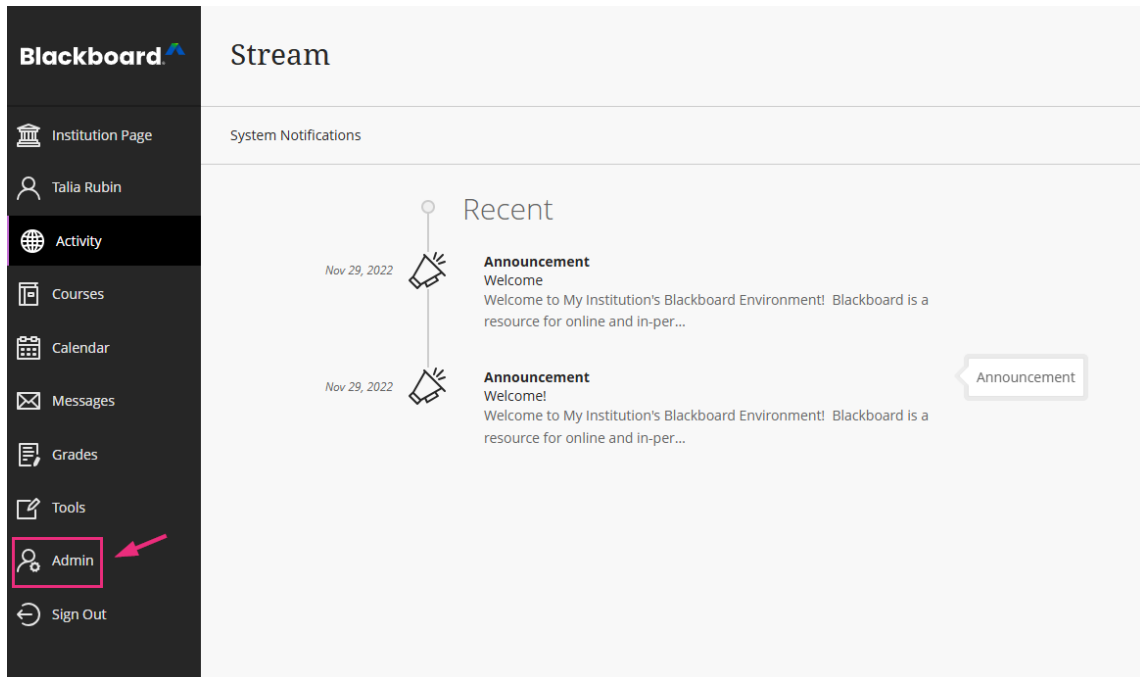
In this section you will add the tool placements for the following Kaltura tools:

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

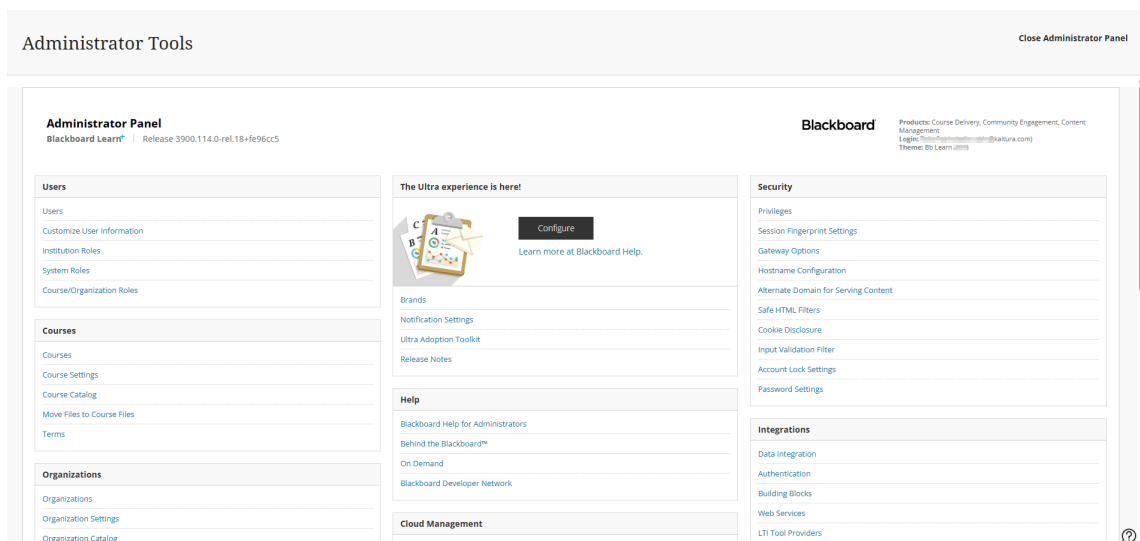
Each tool is independent of the others, and you can select to use any one of them or all of them.

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**.

Administrator Tools Close Administrator Panel

Users

- Customize User Information
- Institution Roles
- System Roles
- Course/Organization Roles

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Manage Global Properties Register LTI 1.1 Provider Register LTI 1.3/Advantage Tool Synchronize LTI 1.3 Tools

<input type="checkbox"/>	TOOL PROVIDER	TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	USER ACKNOWLEDGMENT PAGE	PLACEMENTS	USAGE COUNT	DEPLOYMENTS COUNT	ALLOW JAVASCRIPT INJECTION
<input type="checkbox"/>	4300033-2.kaf.kaltura.com	LTI 1.1 Tool	Approved	Per Link	No	No	5	0		No
<input type="checkbox"/>	Blackboard Home	LTI 1.3 Tool	Excluded		No	No	1	0	0	No
<input type="checkbox"/>	CSTP2	LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	2	0	0	No
<input type="checkbox"/>	developer.blackboard.com	LTI 1.1 Tool	Approved	Per Link	No	No	1	0	0	No
<input type="checkbox"/>	edusee-bblearnassess.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email (over SSL)	No	5	4		No

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

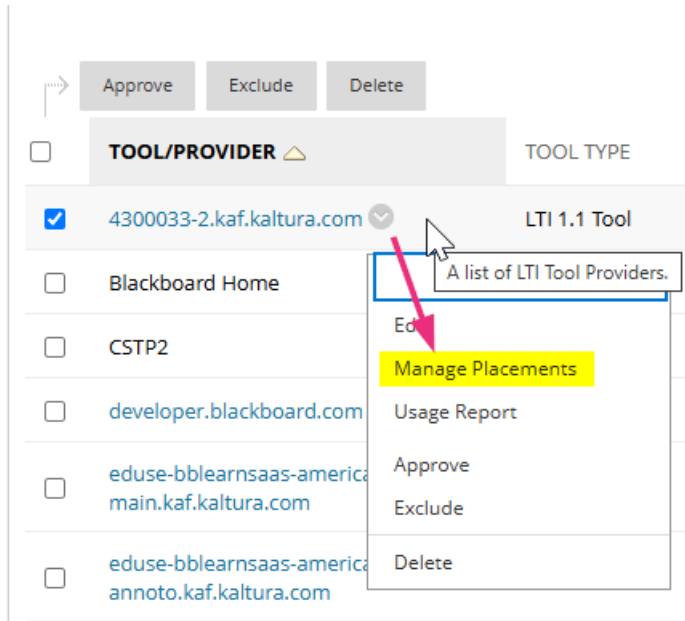
6. Hover over the name for the Tool Provider to expose the icon for the options menu.

<input type="checkbox"/>	TOOL PROVIDER	TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	USER ACKNOWLEDGMENT PAGE	PLACEMENTS	USAGE COUNT	DEPLOYMENTS COUNT	ALLOW JAVASCRIPT INJECTION
<input checked="" type="checkbox"/>	4300033-2.kaf.kaltura.com	LTI 1.1 Tool	Approved	Per Link	No	No	5	0		No
<input type="checkbox"/>	Blackboard Home	LTI 1.3 Tool	Excluded		No	No	1	0	0	No

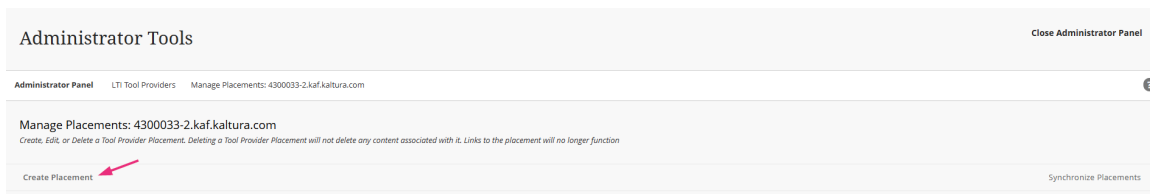
Options Menu: 4300033-2.kaf.kaltura.com

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

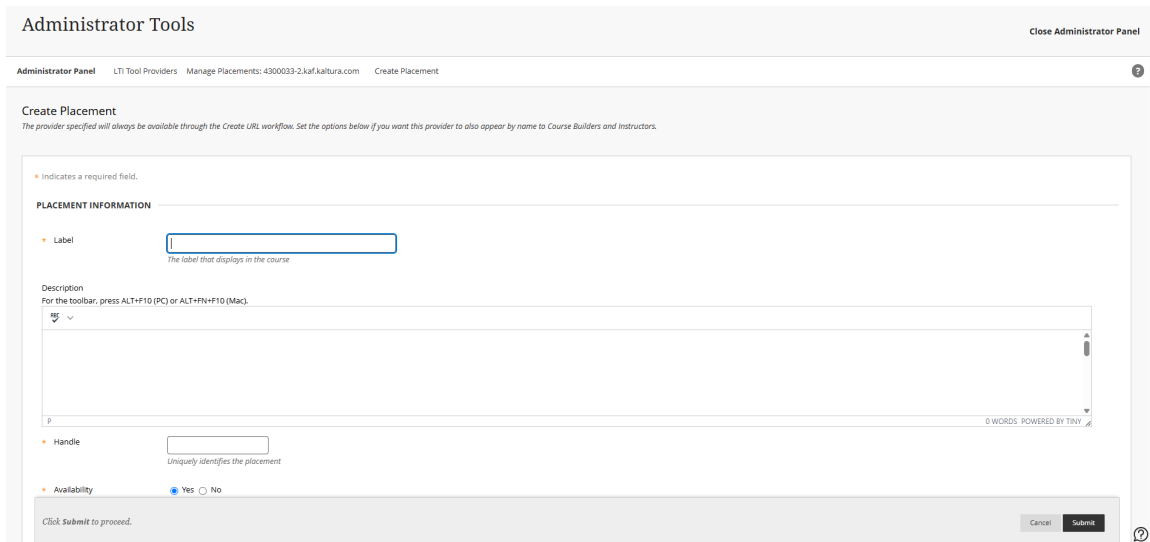
8. Click on **Manage Placements**



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 

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**.

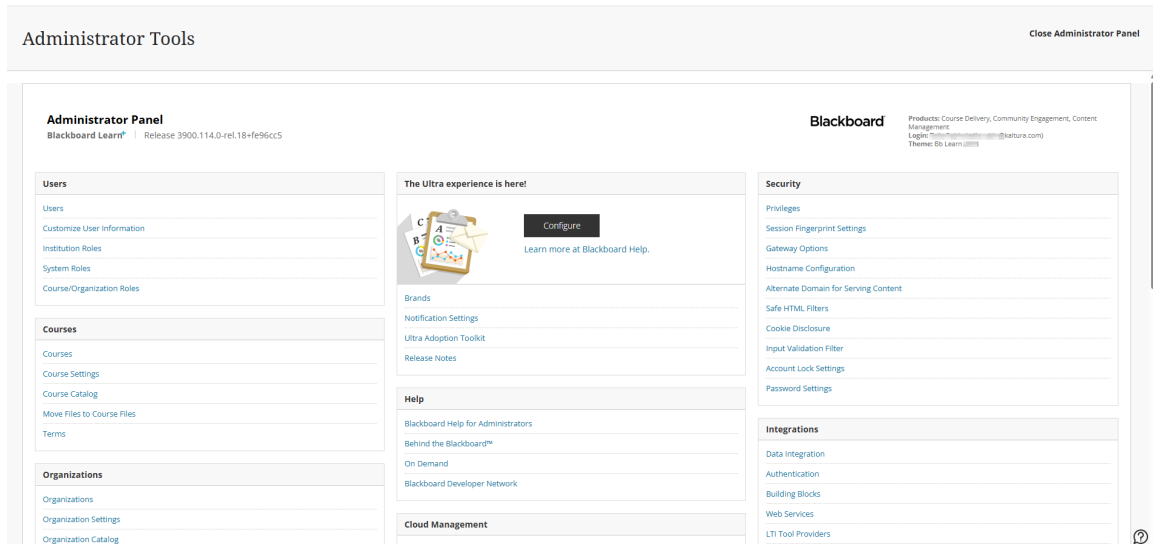
Step 5: Create the REST API Integration

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

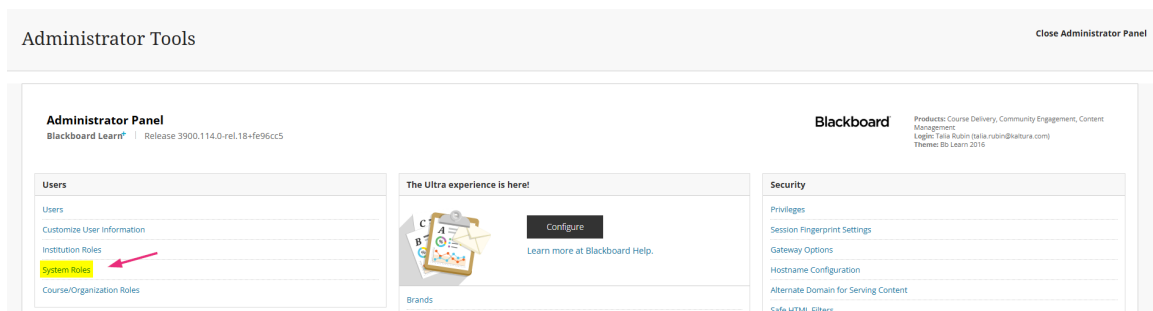
Option 1: Secure method (recommended)

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**.

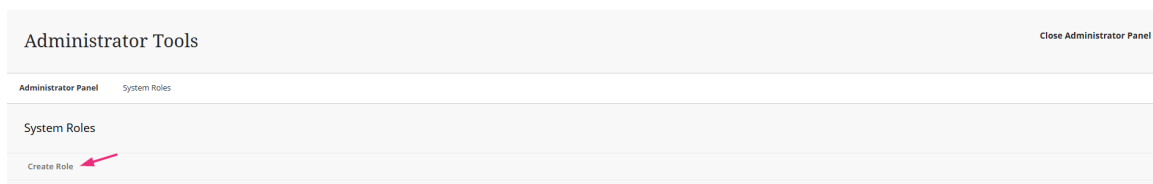


3. Under **Users**, click **System Roles**.

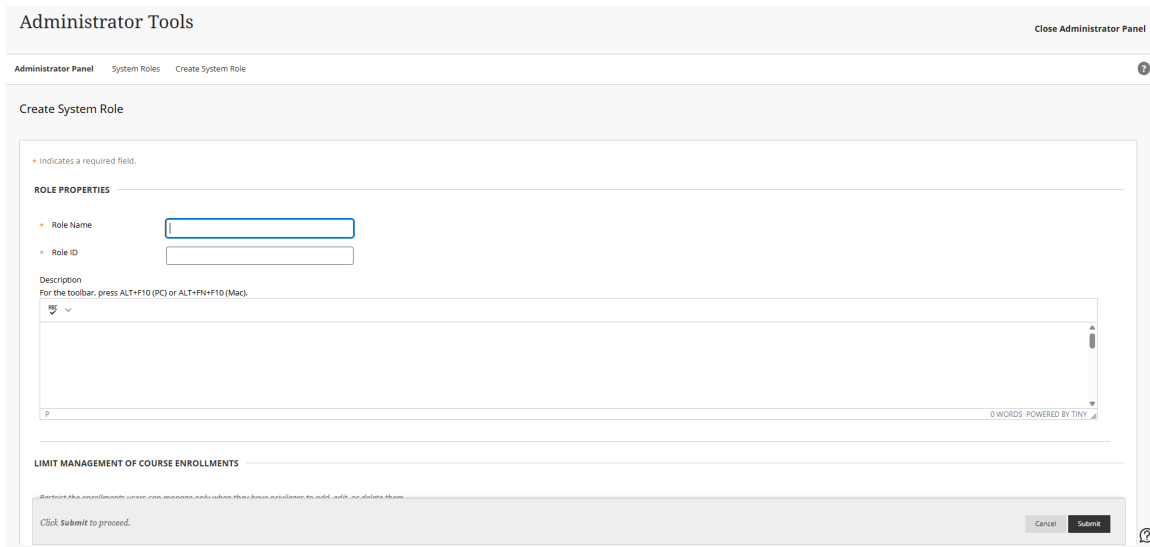


The **System Roles** page displays.

4. Click **Create Role**.

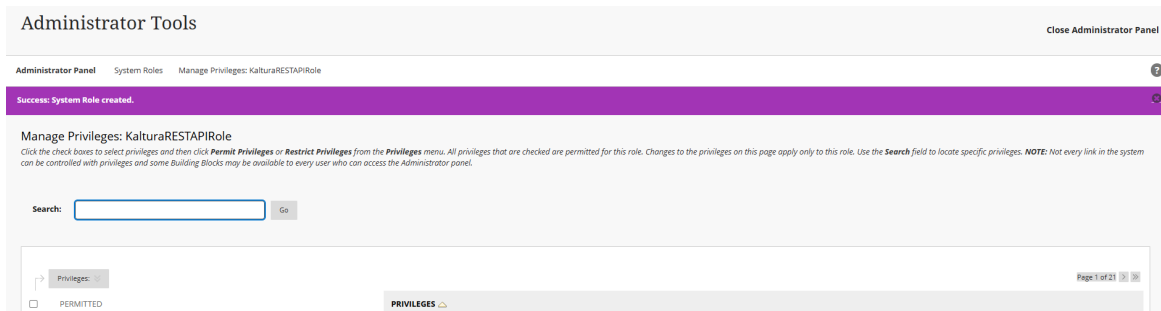


The **Create System Role** page displays.

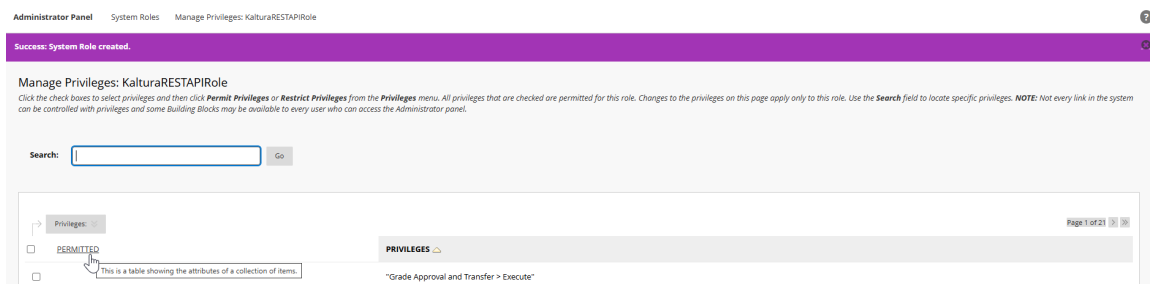


5. In the Create System Role page, fill in the following values:
 - a. **Role Name** - Enter a unique name for the system role, for example, **KalturaRESTAPIRole**
 - b. **Role ID** - Enter a unique ID for the system role, for example, **KALTURAREST1**
 - c. **Description** - Enter a description for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

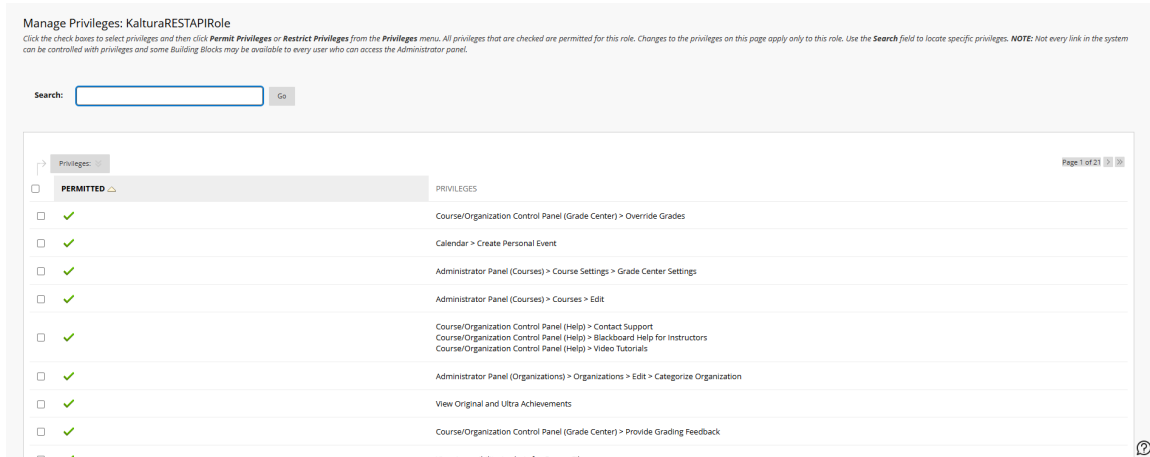
A success message will display and state that the System Role has been created, and the **Manage Privileges** page displays.



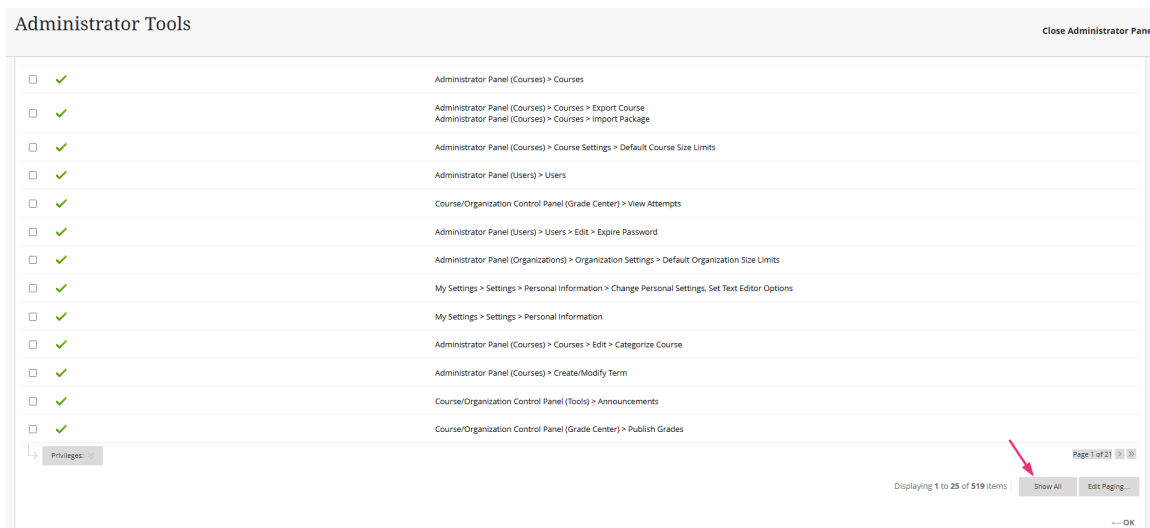
7. To add the additional privileges for this role, click **PERMITTED**.



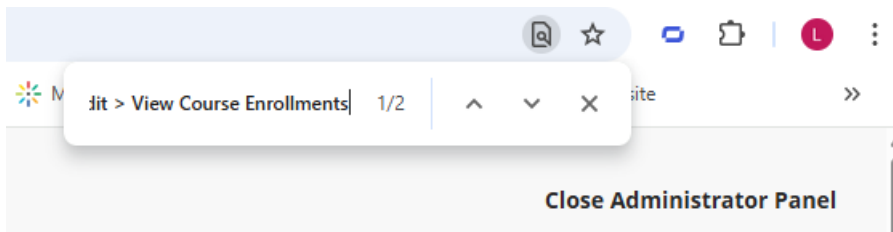
A list of the Permitted Privileges that are enabled for this role display.



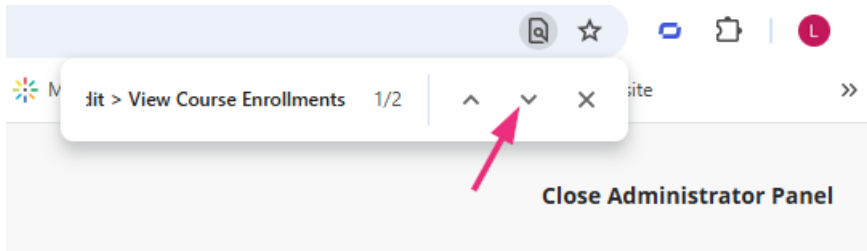
8. Scroll to the bottom of the page and click the **Show All** button, to also display all available privileges



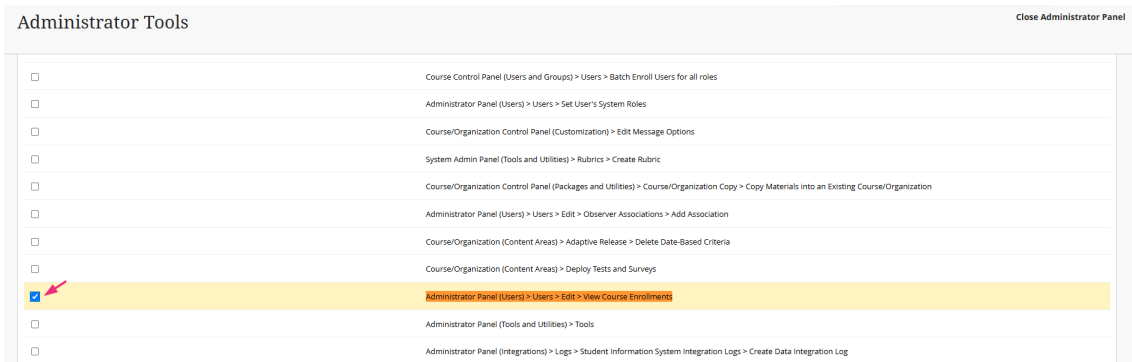
9. Open the browser search for the browser you are using (**Ctrl-f**).
10. Enter **Administrator Panel (Users) > Users > Edit > View Course Enrollments**.



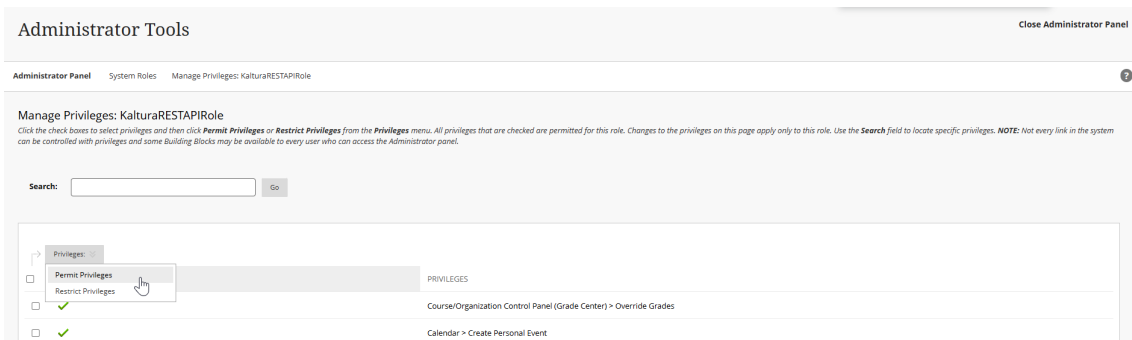
11. Click the down arrow on the search to jump to the next search item.



12. Click the check box to the left.



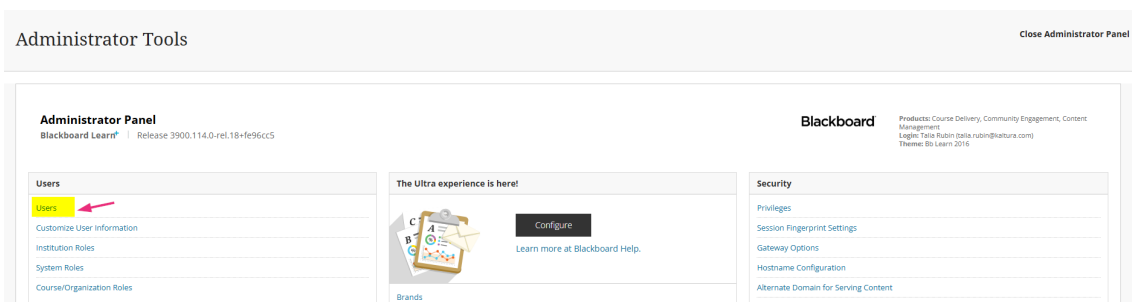
13. Scroll to the top of the list and click on the **Privileges** box and select **Permit Privileges**.



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

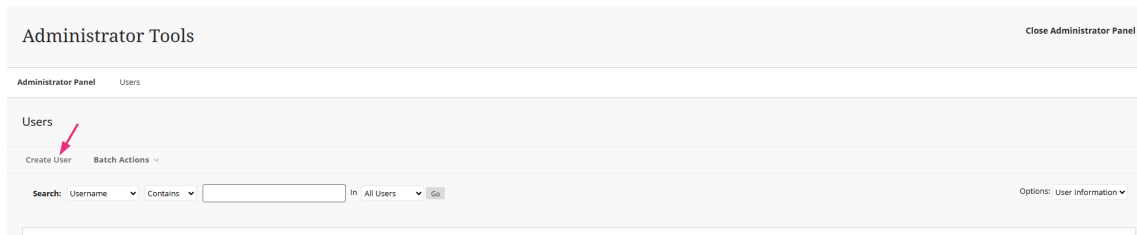
The two additional privileges have now been added to the role.

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

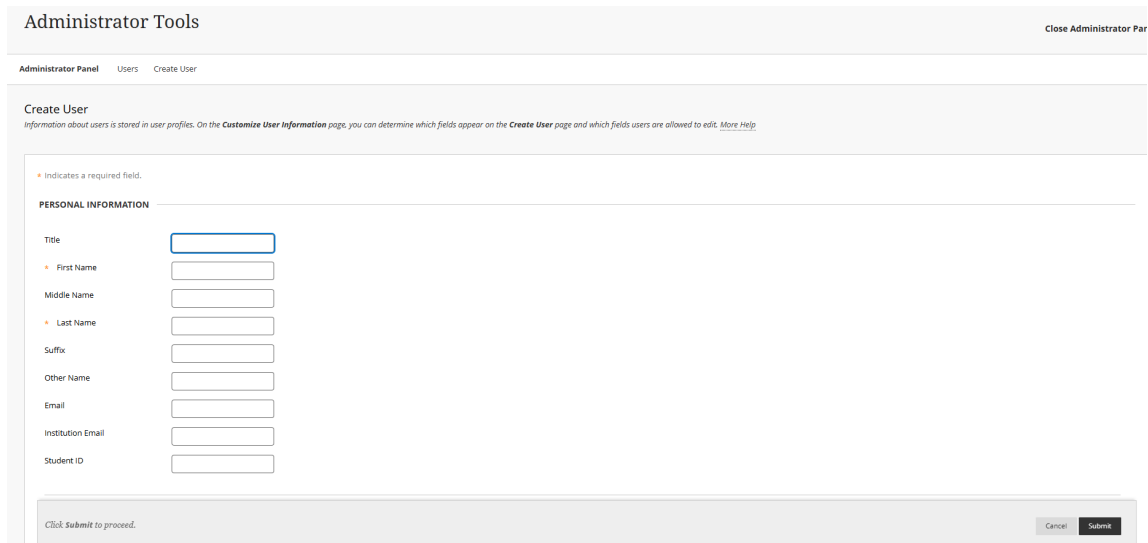


The **Users** page displays.

15. Click **Create User**.



The **Create User** page displays.



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	Selected Roles
<ul style="list-style-type: none"> Faculty Guest Observer Prospective Student Role 10 Role 11 Role 12 Role 13 Role 14 Role 15 Role 16 	<p>Primary Institution Role</p> <div style="border: 1px solid #ccc; padding: 2px; width: 100%;">Other</div> <p>Secondary Institution Roles</p> <div style="border: 1px solid #ccc; height: 50px; width: 100%;"></div>

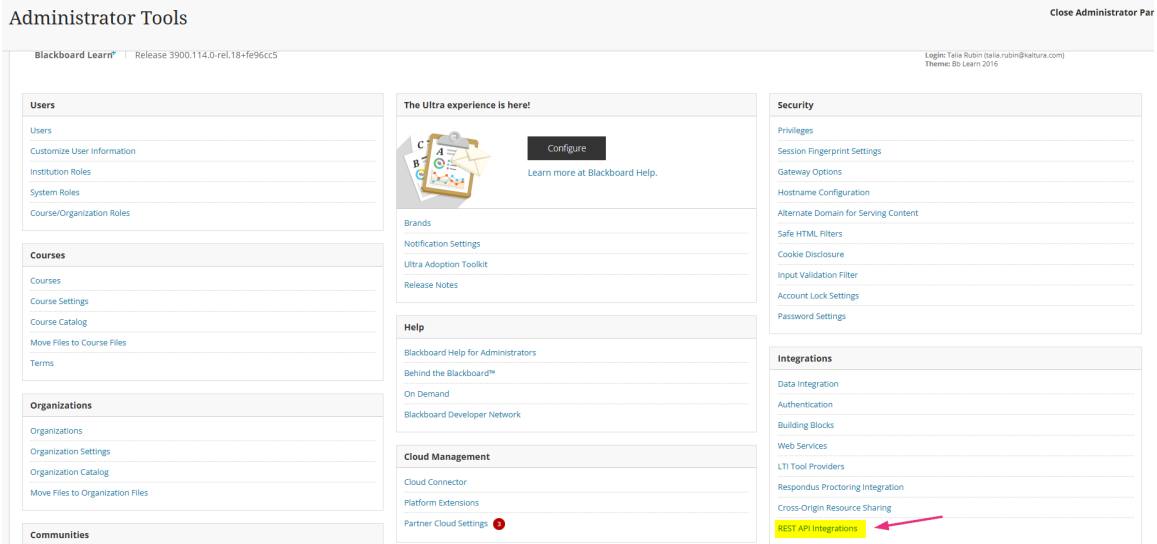
SYSTEM ROLES

Select one or more System Roles

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

Available Roles	Selected Roles
<ul style="list-style-type: none"> Guest Kaltura PoC Test KalturaRESTAPI Learning Environment Administrator Observer Rubric Manager Support Survey Author System Administrator System Support User Administrator 	<p>Primary System Role</p> <div style="border: 1px solid #ccc; padding: 2px; width: 100%;"> KalturaRESTAPIRole </div> <p>Secondary System Roles</p> <div style="border: 1px solid #ccc; height: 50px; width: 100%;"></div>

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



Administrator Tools Close Administrator Panel

Blackboard Learn® Release 3900.114.0-rel.18-fe96cc5 Login: Talia Rubin (talia.rubin@kaltura.com)
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.

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 !

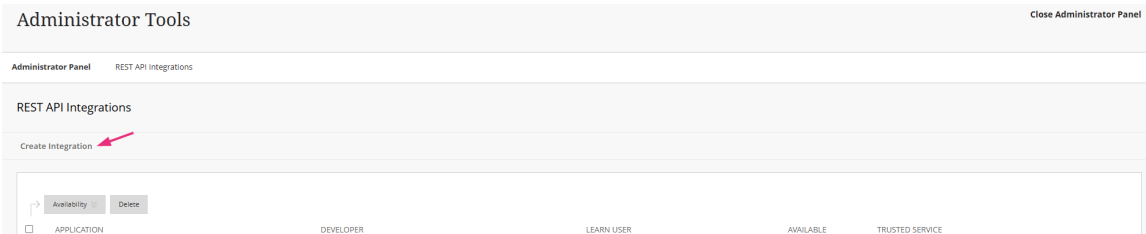
Security

- 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
- 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

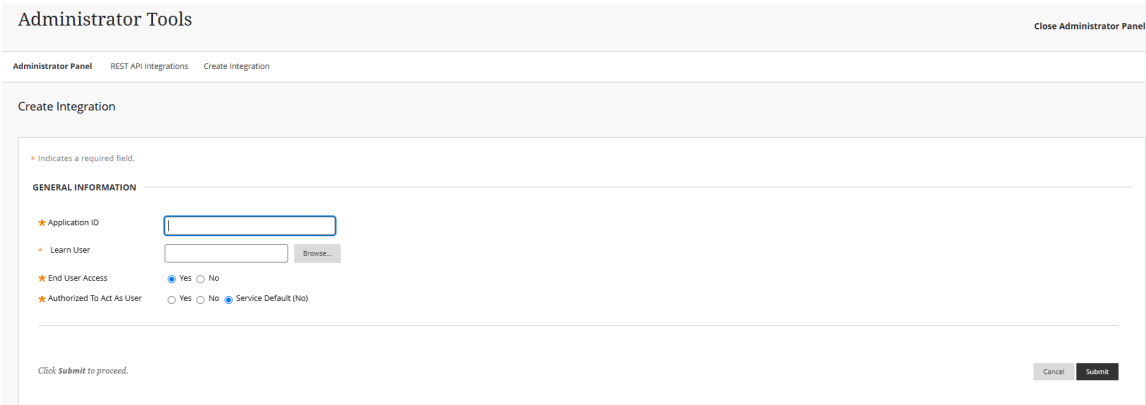
REST API Integrations

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 Browser...


★ End User Access Yes No

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

Click Submit to proceed.

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.

[Close Administrator Panel](#)

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

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!



[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

Blackboard Products: Course Delivery, Community Engagement, Content Management
Login: ? | Support: ? | Feedback: ? | kaltura.com
Theme: Bb Learn Ultra

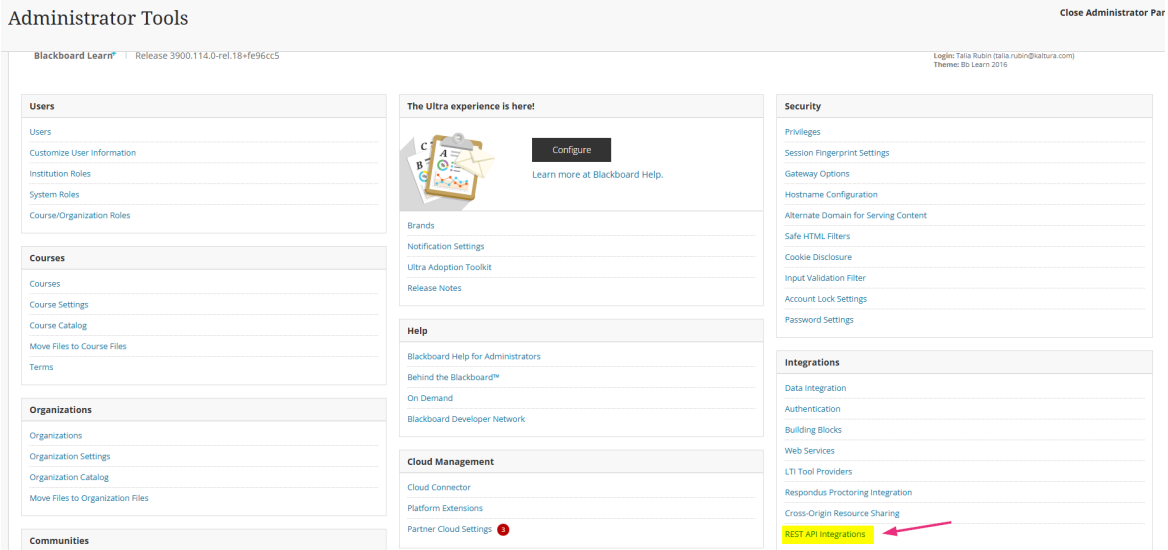
Security

- 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**.



Administrator Tools Close Administrator Panel

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Theme: BB Learn 2019

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.

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 ❗

Security

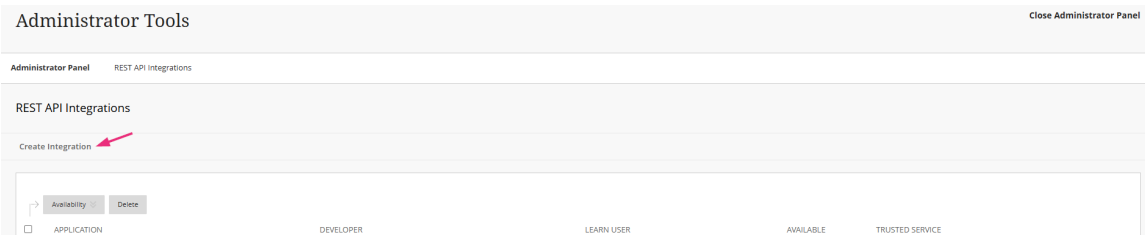
- Privileges
- Session Fingerprint Settings
- Gateway Options
- Hostname Configuration
- Alternate Domain for Serving Content
- Safe HTML Filters
- Cookie Disclosure
- Input Validation Filter
- Account Lock Settings
- Password Settings

Integrations

- Data Integration
- Authentication
- Building Blocks
- Web Services
- LTI Tool Providers
- Respondus Proctoring Integration
- Cross-Origin Resource Sharing
- REST API Integrations** ➔

The **REST API Integrations** page displays.

3. Click **Create Integration**.



Administrator Tools Close Administrator Panel

Administrator Panel REST API Integrations

REST API Integrations

[Create Integration](#) ➔

Availability Delete

APPLICATION DEVELOPER LEARN USER AVAILABLE TRUSTED SERVICE

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

* Learn User

* End User Access Yes No

* Authorized To Act As User Yes No Service Default (No)

*Click **Submit** to proceed.*



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.