

# Set up Kaltura LMS Video integration (LTI 1.3) at the sub-account level in Canvas

Last Modified on 10/12/2025 6:32 pm IDT

 This article is designated for administrators.

## About

This article explains how to set up the Kaltura LMS Video integration for Canvas with LTI version 1.3 at the sub-account level.

The integration uses a set of LTI external tools, manually added through LTI Developer Keys in Canvas. The keys are populated using a JSON block to enable the LTI Tool Provider and configure tool placements within Canvas.



For more information on hierarchical structure of Canvas accounts, visit this Instructure article [What is the hierarchical structure for Canvas accounts?](#)

## Canvas LTI tool placement restrictions

When adding third-party applications at the sub-account level, the following restrictions apply:

1. **Global navigation** placement is not available for sub-account-level applications.
2. A Canvas LTI Developer Key supports only **one** tool placement.

These limitations affect the placement of Kaltura's [My Media](#) and [Media Gallery](#) tools in Canvas. This guide outlines Kaltura's recommended approach to address these restrictions, which includes creating two LTI Developer Keys and one LTI API Key in Canvas.

## Prerequisites

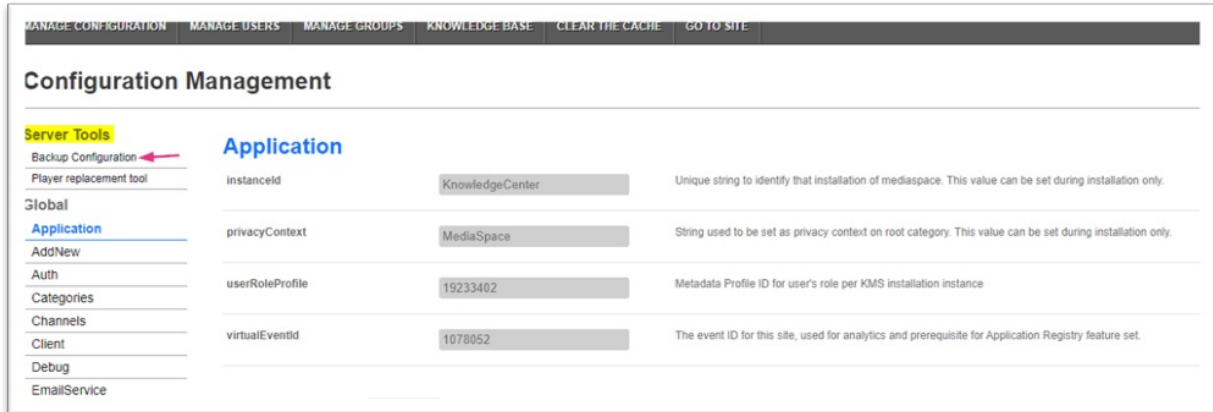
1. Kaltura administrator account
2. Kaltura LMS Video integration for Canvas, version 5.99.46 or later
3. Canvas administrator account

## Step 1 - Backup your configuration

1. Log into your Configuration Management console

(https://{your\_KAF\_base\_URL}/admin).

2. Under **Server Tools**, click **Backup Configuration**.



**Configuration Management**

**Server Tools**

- Backup Configuration
- Player replacement tool

**Global**

**Application**

AddNew

Auth

Categories

Channels

Client

Debug

EmailService

**Application**

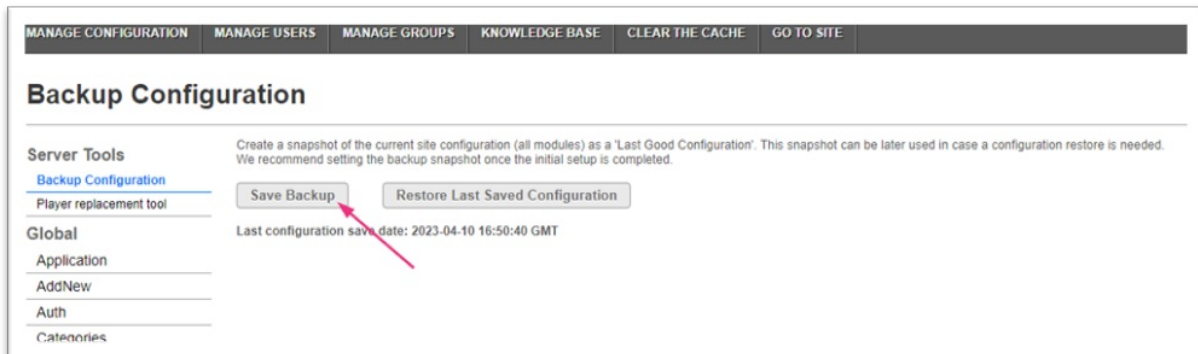
instanceId: KnowledgeCenter. Unique string to identify that installation of mediaspace. This value can be set during installation only.

privacyContext: MediaSpace. String used to be set as privacy context on root category. This value can be set during installation only.

userRoleProfile: 19233402. Metadata Profile ID for user's role per KMS installation instance

virtualEventId: 1078052. The event ID for this site, used for analytics and prerequisite for Application Registry feature set.

3. On the Backup Configuration page, click **Save Backup**.



**Backup Configuration**

**Server Tools**

- Backup Configuration
- Player replacement tool

**Global**

Application

AddNew

Auth

Categories

Create a snapshot of the current site configuration (all modules) as a 'Last Good Configuration'. This snapshot can be later used in case a configuration restore is needed. We recommend setting the backup snapshot once the initial setup is completed.

**Save Backup** **Restore Last Saved Configuration**

Last configuration save date: 2023-04-10 16:50:40 GMT

A confirmation message displays: *Are you sure you want to save current configuration? Remember that previous backups will be deleted.*

4. Click **Yes, Save**.



**Configuration Backup**

Are you sure you want to save current configuration? Remember that previous backup will be deleted.

**Cancel** **Yes, Save**

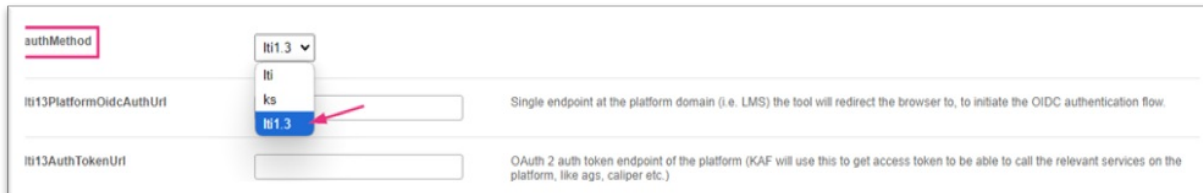
Once the backup is complete, you'll see a confirmation message: *Configuration file was saved successfully.*



The backup page will display the 'last configuration save date', which reflects the date when the configuration settings were last modified, not the date the backup was performed.

## Step 2 - Enable LTI 1.3

1. In your Configuration Management console, navigate to the [Hosted module](#).
2. On the Hosted module page, locate the **authMethod** field and select **Iti1.3** from the dropdown.




authMethod: Iti1.3

Iti13PlatformOidcAuthUrl:  Single endpoint at the platform domain (i.e. LMS) the tool will redirect the browser to, to initiate the OIDC authentication flow.

Iti13AuthTokenUrl:  OAuth 2 auth token endpoint of the platform (KAF will use this to get access token to be able to call the relevant services on the platform, like ags, caliper etc.)

An additional section displays exposing the Kaltura LTI 1.3 configuration settings.



authMethod: Iti1.3

Iti13PlatformOidcAuthUrl:  Single endpoint at the platform domain (i.e. LMS) the tool will redirect the browser to, to initiate the OIDC authentication flow.

Iti13AuthTokenUrl:  OAuth 2 auth token endpoint of the platform (KAF will use this to get access token to be able to call the relevant services on the platform, like ags, caliper etc.)

Iti13KeysUrl:  JWKS URL that contains the platform's key for JWT verification

3. Configure the following fields:



The value for “your\_Canvas\_Domain” will be the domain displayed when a user is working in your Canvas instance, for example, canvas.myuniversity.edu.

- **Iti13PlatformOidcAuthUrl** = `https://{your_Canvas_Domain}/api/Iti/authorize_redirect`
- **Iti13AuthTokenUrl** = `https://{your_Canvas_Domain}/login/oauth2/token`
- **Iti13KeysUrl** = `https://{your_Canvas_Domain}/api/Iti/security/jwks`

4. Scroll down to the **LTI3service** section and click **Generate key pair here** to generate private and public keys.

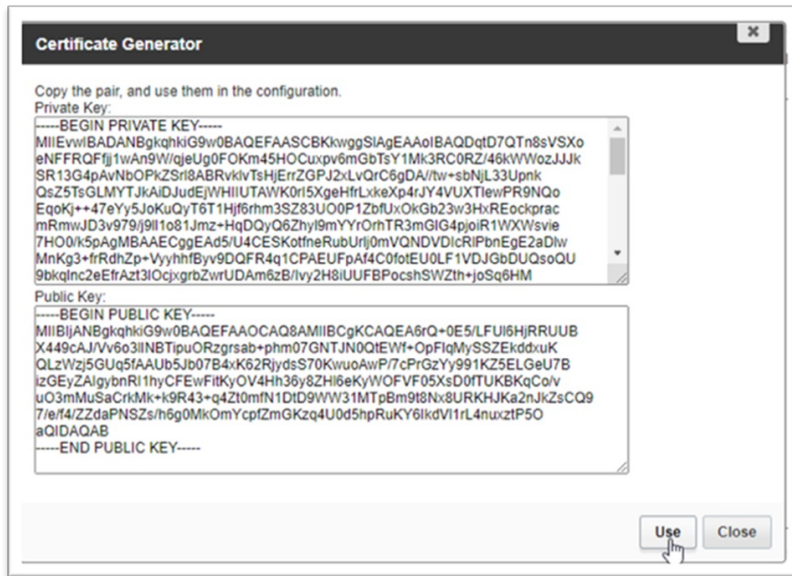


Iti13ServicePrivateKey:

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](#)

5. In the Certificate Generator window, click **Use** to save the key pairs to

the **Iti13ServicePrivateKey** and **Iti13ServicePublicKey** fields.



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

### Step 3 - Generate the Canvas LTI developer key JSON



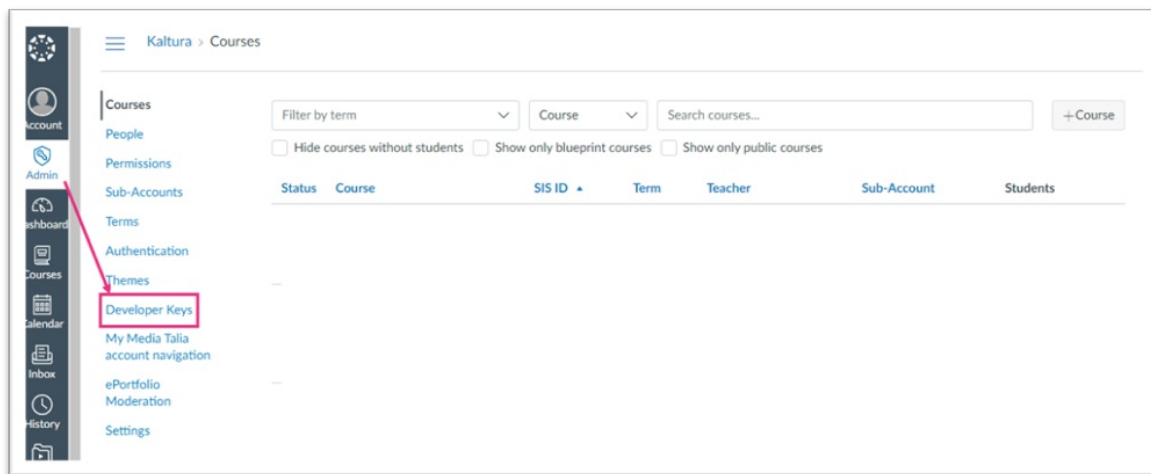
If you are using a KAF domain other than **.kaltura.com**, such as a vanity domain or alias, make sure to use it as the input for your **\_KAF\_URL**.

- Enter the following URL in your browser:  
[https://{your\\_KAF\\_URL}/canvas/config/create-json-for-instance](https://{your_KAF_URL}/canvas/config/create-json-for-instance). Example:  
<https://12345.kaf.kaltura.com/canvas/config/create-json-for-instance>

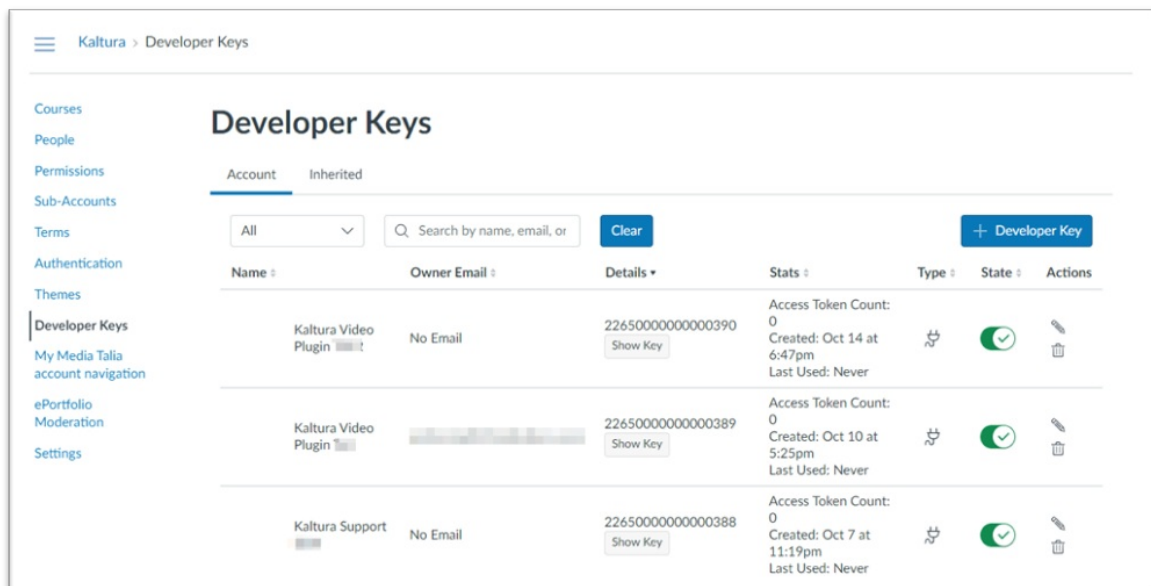
The JSON that is displayed will be used in the next steps to populate the LTI 1.3 Configuration field in the LTI developer keys.

### Step 4 - Create a Canvas LTI developer key for all Kaltura tools except My Media

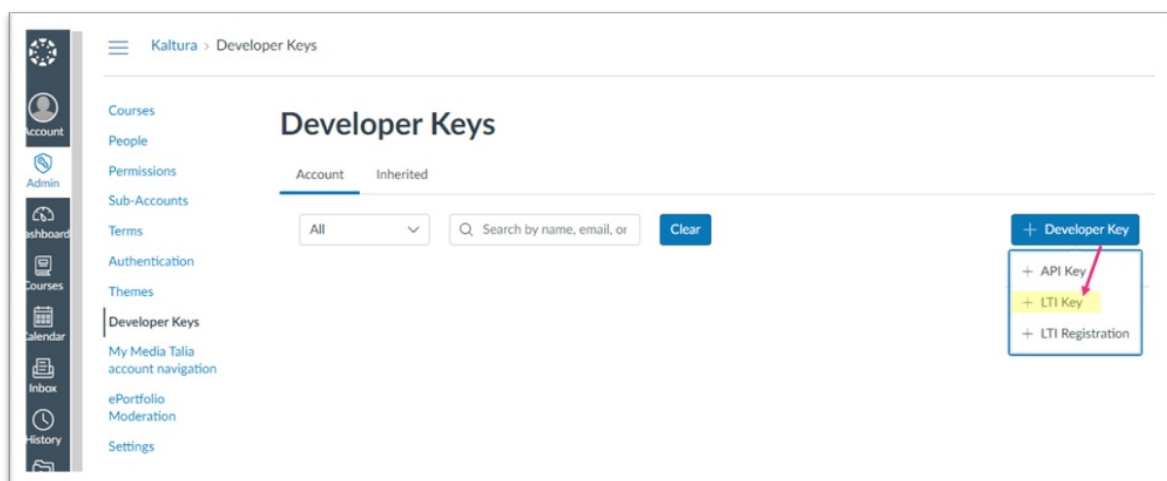
1. Log into your Canvas instance as an administrator.
2. Click the **Admin** tab.
3. In the Admin navigation panel click on the top-level account for your Canvas hierarchy.
4. In the Account navigation panel click the **Developer Keys** tab.



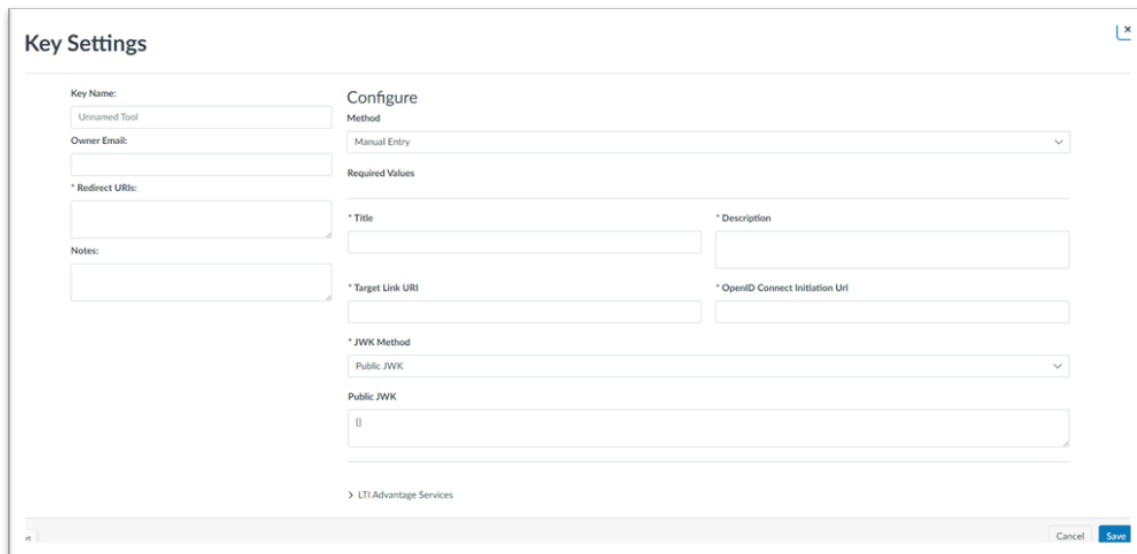
The **Developer Keys** page displays.



5. Click **+Developer Key** and select **+ LTI Key** from the drop-down list.



The **Key Settings** page displays.



6. Configure the following:

- **Key Name** - Enter the key name (Example: `Kaltura LTI 1.3 - no My Media`).
- **Owner email** - optional
- **Redirect URIs** - Enter `https://{your_KAF_URL}/hosted/index/oauth2-launch`. Example: `https://12345.kaf.kaltura.com/hosted/index/oauth2-launch`



If you are using a KAF domain other than `.kaltura.com`, such as a vanity domain or alias, make sure to use it as the input for your\_KAF\_URL.

- **Notes** - optional
- **Method** - Select **Paste JSON** from the drop-down list.

## Key Settings

Key Name:

Owner Email:

\* Redirect URIs:

[Sync URIs](#)

Notes:

### Configure

Method

Paste JSON

Manual Entry

Paste JSON

Enter URL

[Prettify JSON](#)

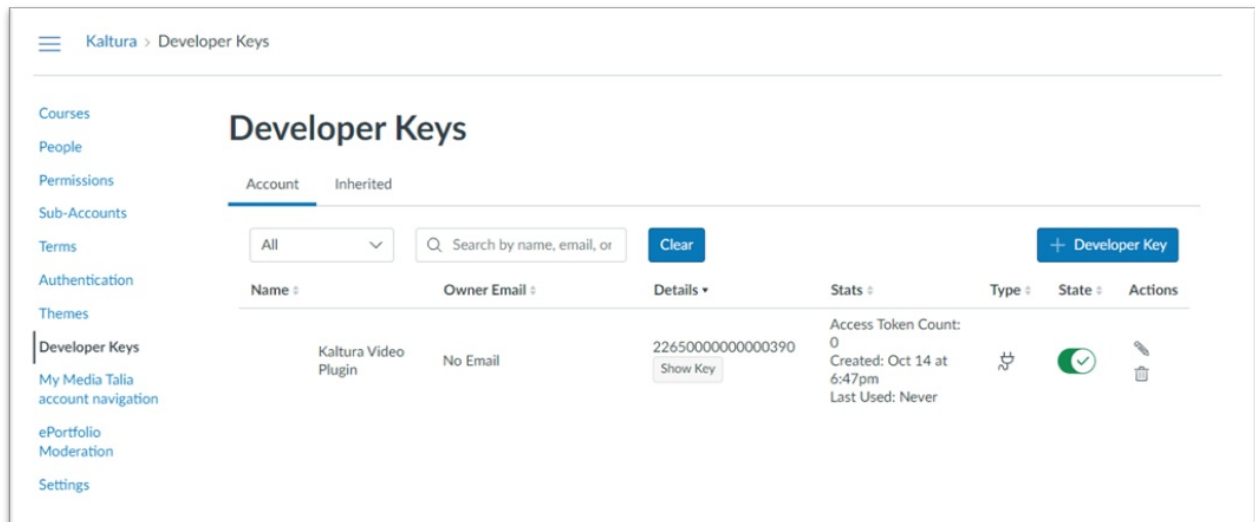
7. For the **LTI 1.3 Configuration** field, go to the browser tab used in [Step 3 - Generate the Canvas LTI developer key JSON](#), and copy the JSON code between the first and last brackets { }, then paste it between the brackets in the LTI 1.3 Configuration field.



```
{
  "title": "Penn State University Testing",
  "scopes": [
    "https://purl.imsglobal.org/spec/lti-ags/scope/lineitem",
    "https://purl.imsglobal.org/spec/lti-ags/scope/lineitem.readonly",
    "https://purl.imsglobal.org/spec/lti-ags/scope/result.readonly",
    .
    .
    .
  ],
  "target_link_uri": "https://psudiscovery-test1.kaf.kaltura.com",
  "oidc_initiation_url": "https://psudiscovery-test1.kaf.kaltura.com/hosted/index/oidc-init"
}
```

8. Scroll to the bottom of the page and click **Save**.

The new LTI developer key will now be listed on the Developer Keys page. If the **State** is set to off (red), it means the key is disabled. To enable the key, click the toggle (green).





Kaltura > Developer Keys

Courses  
People  
Permissions  
Sub-Accounts  
Terms  
Authentication  
Themes  
**Developer Keys**  
My Media Talia account navigation  
ePortfolio  
Moderation  
Settings

## Developer Keys

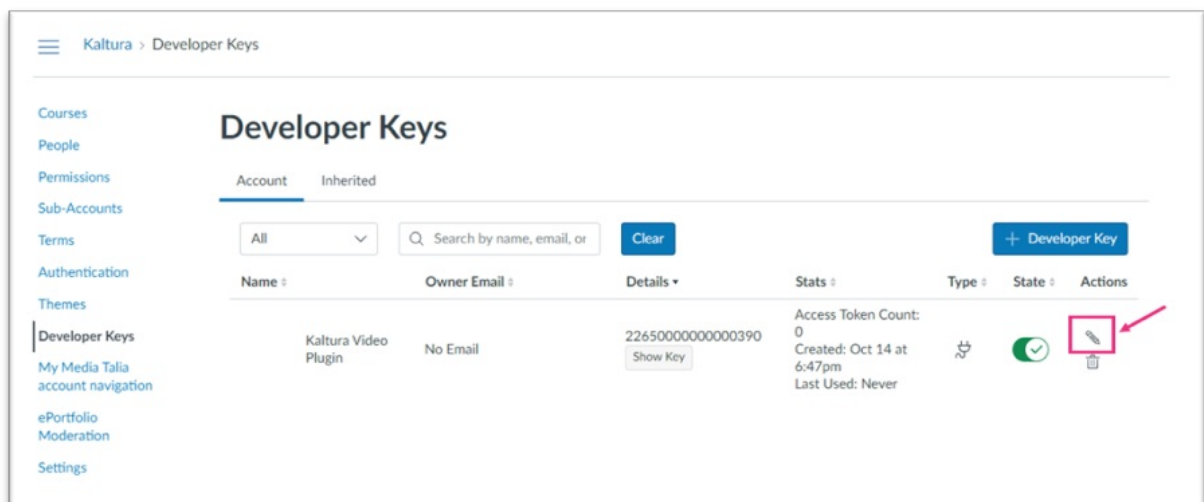
Account Inherited

All Search by name, email, or Clear + Developer Key

Name	Owner Email	Details	Stats	Type	State	Actions
Kaltura Video Plugin	No Email	22650000000000390 Show Key	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never		✓	 

## Step 5 - Configure the Kaltura LTI 1.3 – no My Media LTI developer key

1. Edit the LTI developer key you created in [Step 4](#) by clicking on the **pencil icon** to the far right of the key.





Kaltura > Developer Keys

Courses  
People  
Permissions  
Sub-Accounts  
Terms  
Authentication  
Themes  
**Developer Keys**  
My Media Talia account navigation  
ePortfolio  
Moderation  
Settings

## Developer Keys

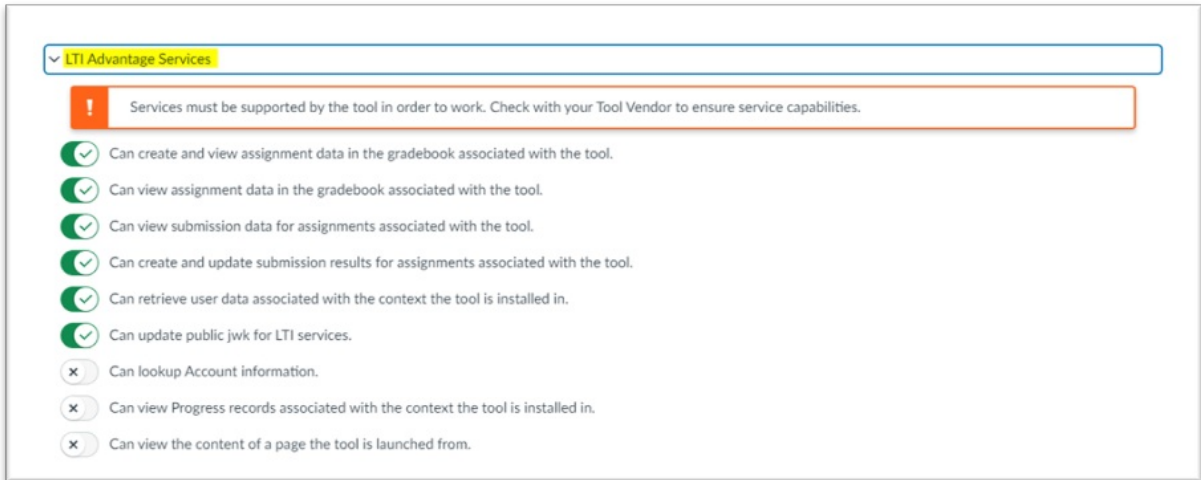
Account Inherited

All Search by name, email, or Clear + Developer Key

Name	Owner Email	Details	Stats	Type	State	Actions
Kaltura Video Plugin	No Email	22650000000000390 Show Key	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never		✓	 

The **Key Settings** page displays.

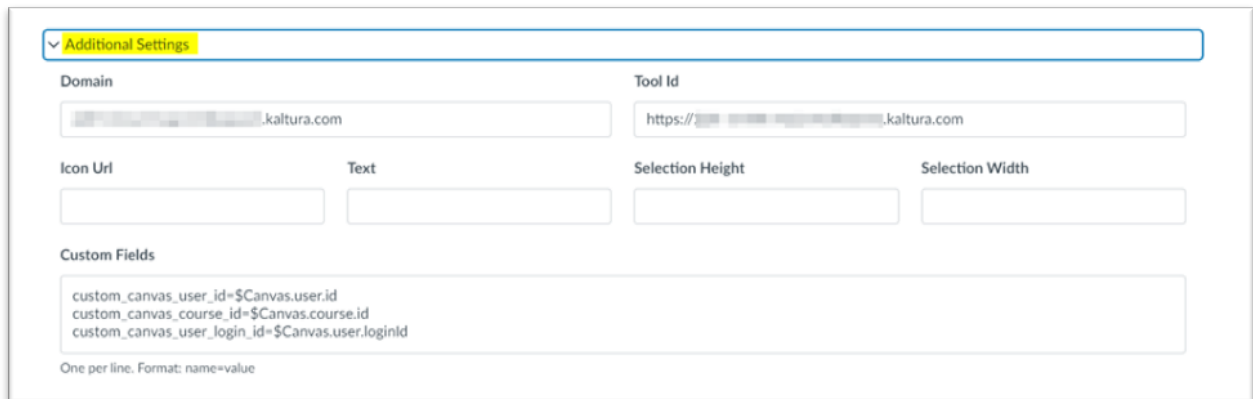
2. In the **Method** field, change to **Manual entry**
3. Update the **Title** field.
4. Update the **Description** field.
5. Scroll down to the **LTI Advantage Services** section and click to expand the section.



6. Make sure the following **LTI Advantage Services** are turned on in addition to others that are enabled:

- *Can create and view assignment data in the gradebook associated with the tool.*
- *Can view assignment data in the gradebook associated with the tool.*
- *Can view submission data for assignments associated with the tool.*
- *Can create and update submissions for assignments associated with the tool.*
- *Can retrieve user data associated with the context the tool is installed in.*
- *Can update publish jwk for LTI services.*

7. Click **Additional Settings** to expand the section.



8. Review the following fields:

- **Domain** - your KAF domain without `https://`
- **Tool Id** - your KAF URL including `https://`
- **Icon Url, Text, Selection Height, Selection Width** - leave blank
- **Custom Fields** - Include the following three custom parameters
  - `custom_canvas_user_id=$Canvas.user.id`

- `custom_canvas_course_id=$Canvas.course.id`
- `custom_canvas_user_login_id=$Canvas.user.loginId`

9. Remove the Global Navigation Placement by clicking on the Global Navigation bubble.

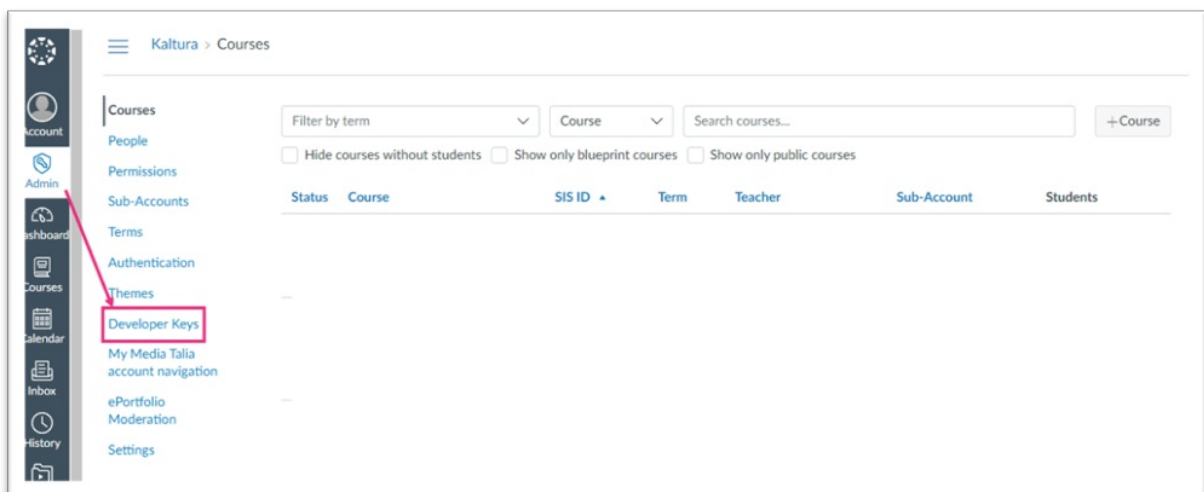
10. Review and edit the **Text** field for each tool placement as needed:

- **Link Selection:** For the Kaltura Browse Search and Embed tool, used to create video pages.
- **Course Navigation:** For the Kaltura Course Media Gallery.
- **Editor Button:** For the Kaltura Browse Search and Embed tool in the Canvas Rich Content Editor.
- **Assignment Selection:** For the Kaltura Interactive Video Quiz in the Canvas Assignment tool.

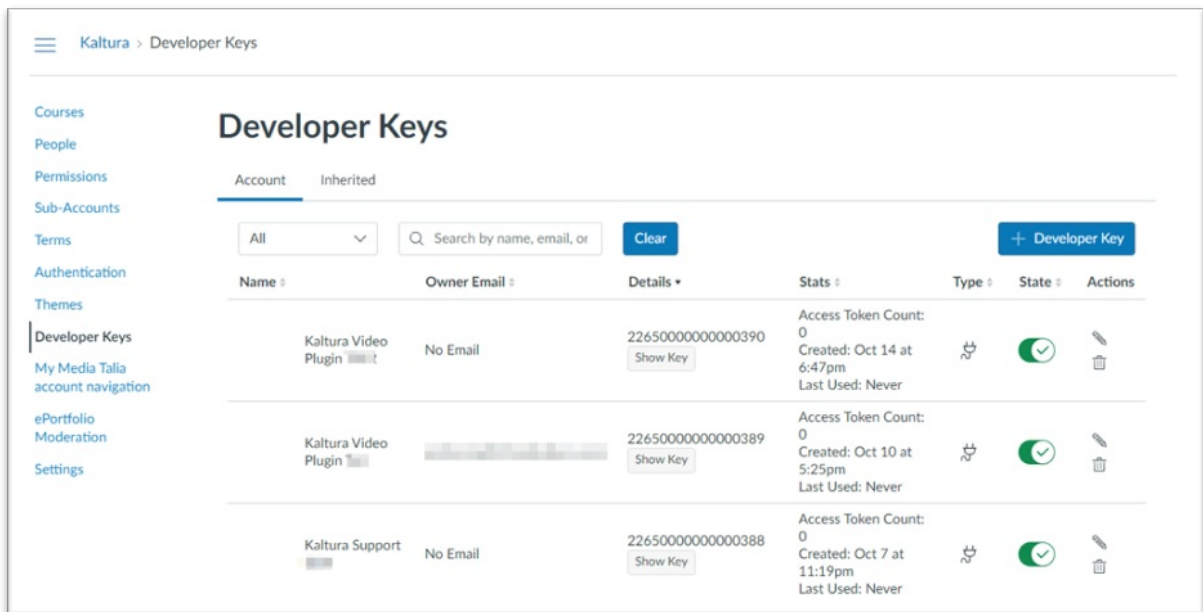
11. Scroll to the bottom of the page and click **Save**.

## Step 6 - Create a Canvas LTI developer key for My Media

1. Log into your Canvas instance as an administrator.
2. Click the **Admin** tab.
3. In the Admin navigation panel click on the top-level account for your Canvas hierarchy.
4. In the Account Navigation panel click the **Developer Keys** tab.



The **Developer Keys** page displays.



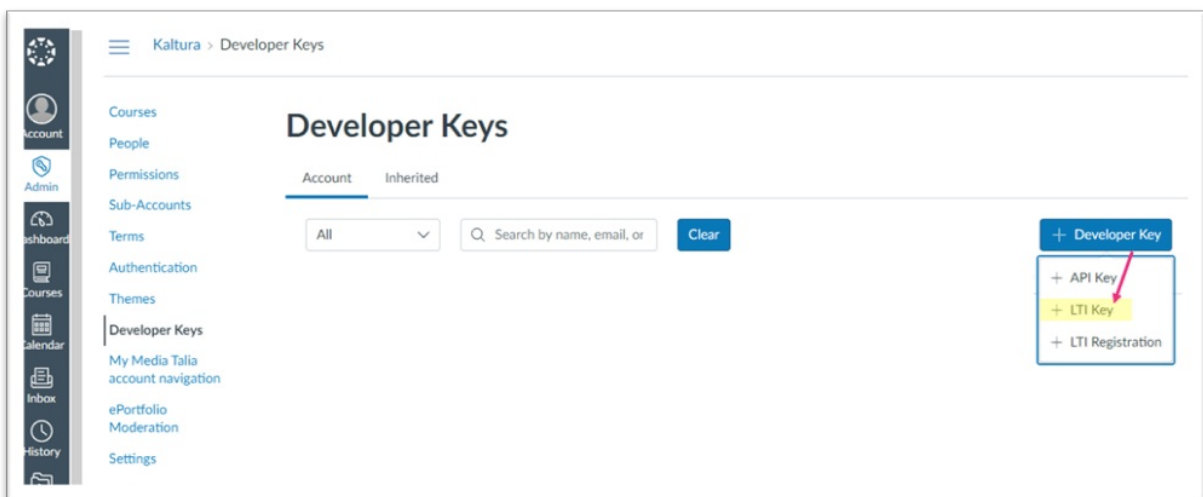
**Developer Keys**

Account Inherited

All Search by name, email, or Clear + Developer Key

Name	Owner Email	Details	Stats	Type	State	Actions
Kaltura Video Plugin	No Email	22650000000000390 Show Key	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never	ST	✓	✎ ✕
Kaltura Video Plugin		22650000000000389 Show Key	Access Token Count: 0 Created: Oct 10 at 5:25pm Last Used: Never	ST	✓	✎ ✕
Kaltura Support	No Email	22650000000000388 Show Key	Access Token Count: 0 Created: Oct 7 at 11:19pm Last Used: Never	ST	✓	✎ ✕

5. Click **+Developer Key** and select **+ LTI Key** from the drop-down list.



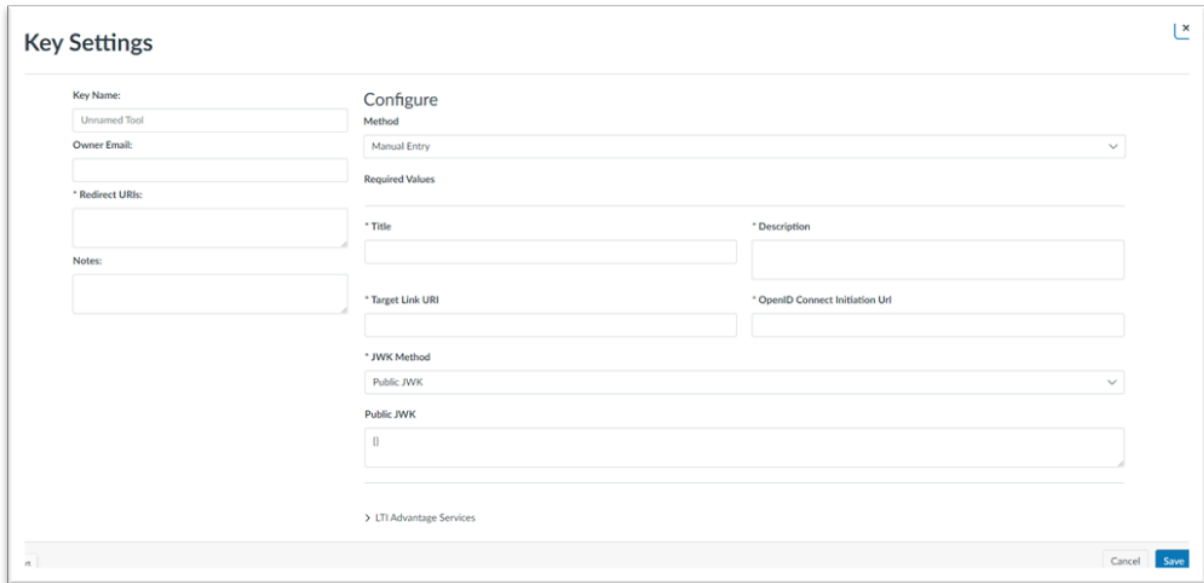
**Developer Keys**

Account Inherited

All Search by name, email, or Clear + Developer Key

- + Developer Key
  - + API Key
  - + LTI Key
  - + LTI Registration

The **Key Settings** page displays.



6. Configure the following:

- **Key Name** - Enter the key name, Example: `Kaltura LTI 1.3 - My Media only`).
- **Owner email** - optional
- **Redirect URIs** - Enter `https://{your_KAF_URL}/hosted/index/oauth2-launch`

Example: `https://12345.kaf.kaltura.com/hosted/index/oauth2-launch`



If you are using a KAF domain other than `.kaltura.com`, such as a vanity domain or alias, make sure to use it as the input for `your_KAF_URL`.

- **Notes** - optional
- **Method** - Select **Paste JSON** from the drop-down list.

## Key Settings

Key Name:

Owner Email:

\* Redirect URIs:

[Sync URIs](#)

Notes:

### Configure

Method

Paste JSON

Manual Entry

Paste JSON

Enter URL

[Prettify JSON](#)

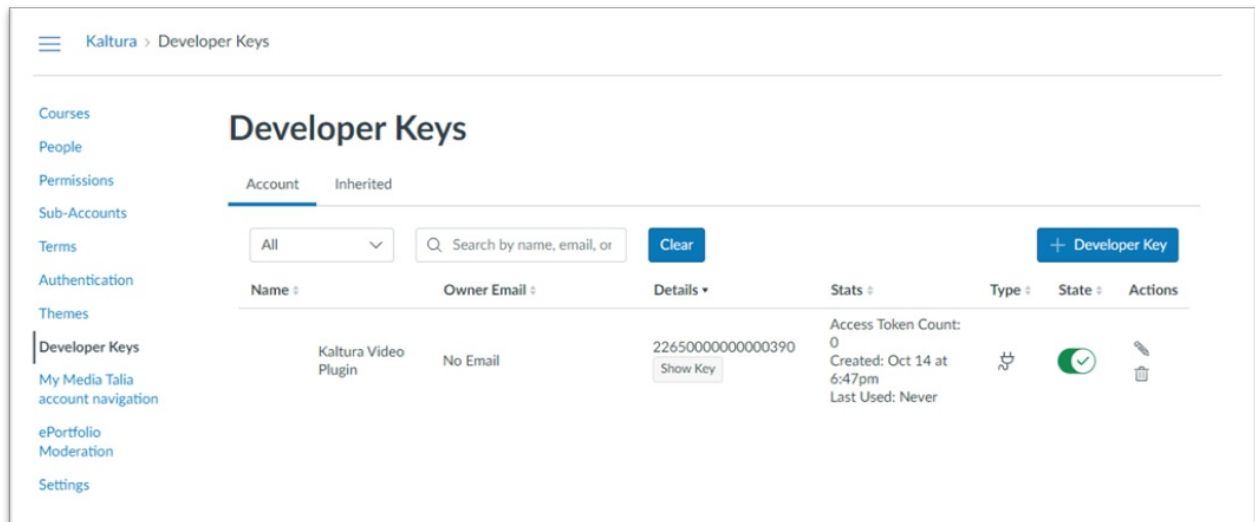
7. For the **LTI 1.3 Configuration** field, go to the browser tab used in [Step 3 - Generate the Canvas LTI developer key JSON](#), and copy the JSON code between the first and last bracket { } and paste it between the brackets in the LTI 1.3 Configuration field.



```
{
  "title": "Penn State University Testing",
  "scopes": [
    "https://purl.imsglobal.org/spec/lti-ags/scope/lineitem",
    "https://purl.imsglobal.org/spec/lti-ags/scope/lineitem.readonly",
    "https://purl.imsglobal.org/spec/lti-ags/scope/result.readonly",
    .
    .
    .
  ],
  "target_link_uri": "https://psudiscovery-test1.kaf.kaltura.com",
  "oidc_initiation_url": "https://psudiscovery-test1.kaf.kaltura.com/hosted/index/oidc-init"
}
```

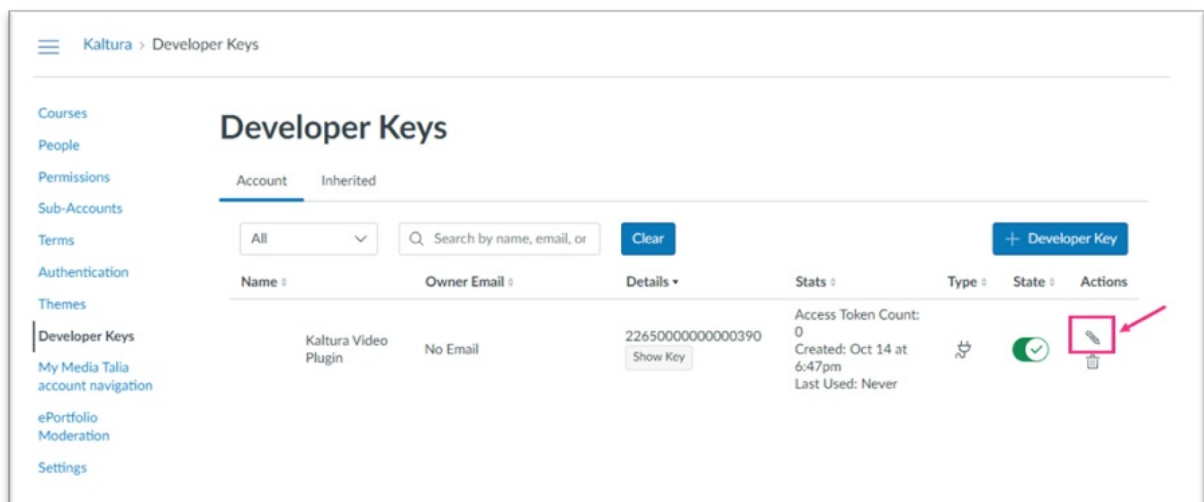
8. Scroll to the bottom of the page and click **Save**.

The new LTI developer key will now be listed on the Developer Keys page. If the **State** is set to off (red), it means the key is disabled. To enable the key, click the toggle (green).



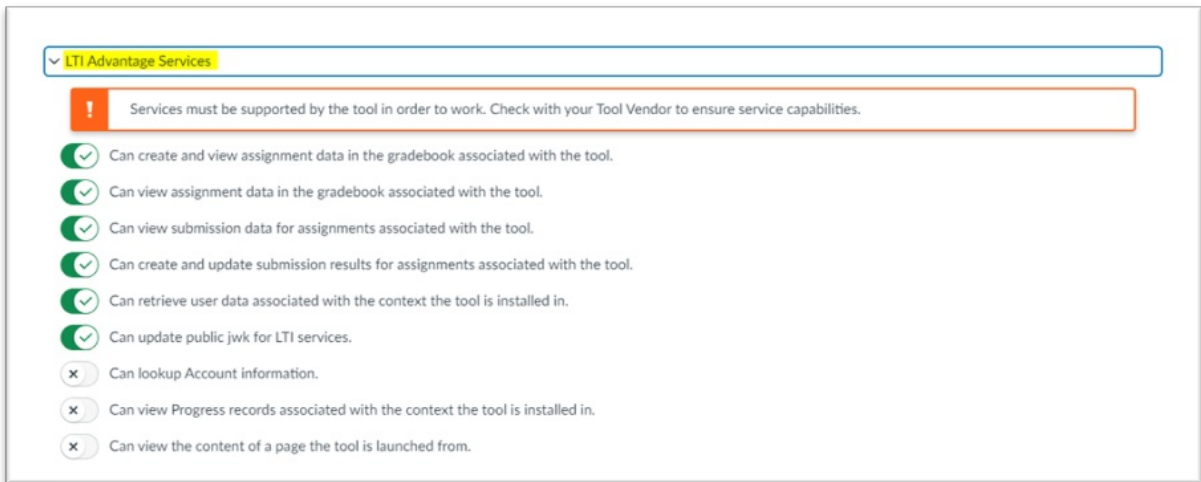
## Step 7 - Configure the Kaltura LTI 1.3 – My Media only LTI developer key

1. Edit the LTI developer key you created in [Step 6](#) by clicking on the **pencil icon** to the far right of the key.



The **Key Settings** page displays.

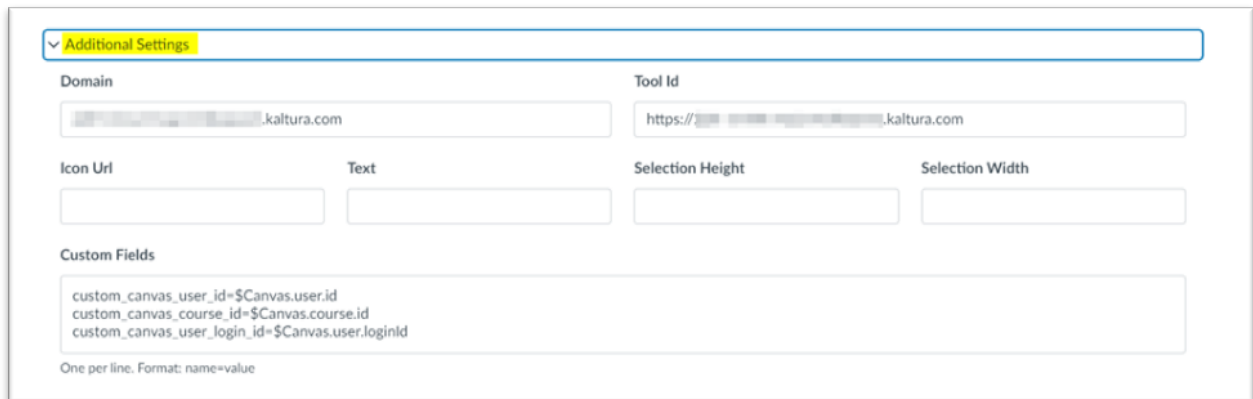
2. In the **Method** field, change to **Manual entry**
3. Update the **Title** field.
4. Update the **Description** field.
5. Scroll down to the **LTI Advantage Services** section and click to expand the section.



6. Make sure the following **LTI Advantage Services** are turned on in addition to others that are enabled:

- *Can create and view assignment data in the gradebook associated with the tool.*
- *Can view assignment data in the gradebook associated with the tool.*
- *Can view submission data for assignments associated with the tool.*
- *Can create and update submissions for assignments associated with the tool.*
- *Can retrieve user data associated with the context the tool is installed in.*
- *Can update publish jwk for LTI services.*

7. Click **Additional Settings** to expand the section.



8. Review the following fields:

- **Domain** - your KAF domain without the `https://`
- **Tool Id** - your KAF URL including `https://`
- **Icon Url, Text, Selection Height, Selection Width** - leave blank
- **Custom Fields** - include the following three custom parameters
  - `custom_canvas_user_id=$Canvas.user.id`

- `custom_canvas_course_id=$Canvas.course.id`
- `custom_canvas_user_login_id=$Canvas.user.loginId`

9. Remove all the Placements except the Global Navigation Placement by clicking the placement bubbles.

10. Review and edit the **Text** field for the Global Navigation placement as needed:

- **Global Navigation:** For the Kaltura My Media tool in the global left-hand navigation.

11. Scroll to the bottom of the page and click **Save**.

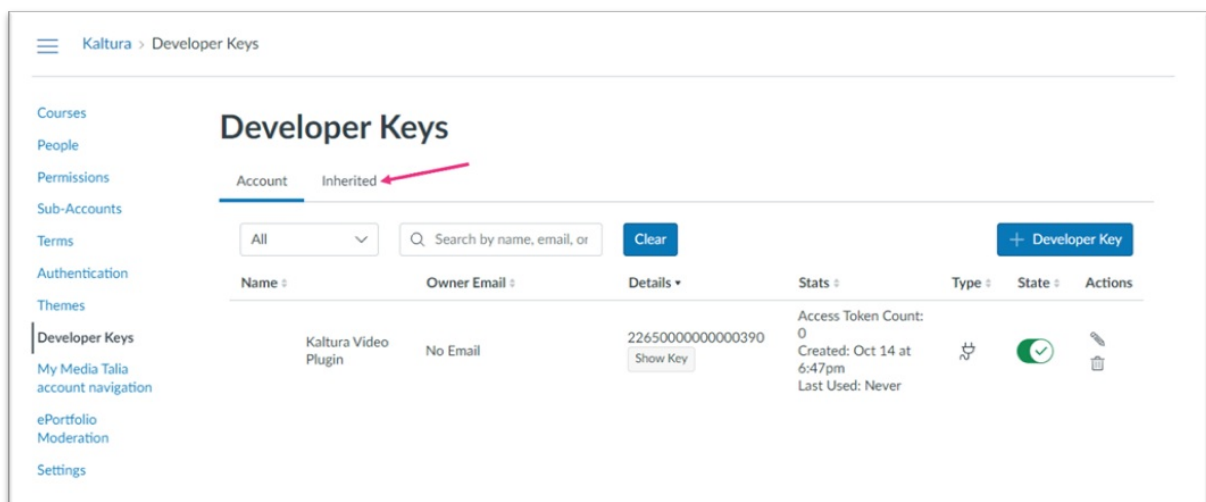
## Step 8 – Configure the Canvas API Developer Key

### Option 1 – Inherited API Key


















If your KAF domain is on `*.kaltura.com`, you can use the existing inherited Kaltura key without creating a new API key. You may, however, prefer to use a Scoped API Developer Key. In that case, jump to **Option 2** below.

1. Log into Canvas as an administrator.
2. Navigate to the **Developer Keys** page.
3. On the **Developer Keys** page, click the **Inherited** tab.

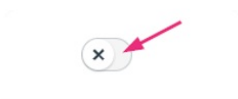


4. Scroll down and click **Show All Keys**.

## Developer Keys

Account		Inherited				
All		Search by name, email, or		Clear	+ Developer Key	
Name	Owner Email	Details	Stats	Type	State	Actions
Kaltura Video Plugin Trif 2	No Email	22650000000000390 <a href="#">Show Key</a>	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never	~\$		 
Kaltura Video Plugin Trif	andrei.vladtrifan@kaltura.com	22650000000000389 <a href="#">Show Key</a>	Access Token Count: 0 Created: Oct 10 at 5:25pm Last Used: Never	~\$		 
Kaltura Support EDU	No Email	22650000000000388 <a href="#">Show Key</a>	Access Token Count: 0 Created: Oct 7 at 11:19pm Last Used: Never	~\$		 
Kaltura Scoped Key KN	khalil.natour@kaltura.com	22650000000000387 <a href="#">Show Key</a> URI: https://4288433-27.kaf.kaltura.com	Access Token Count: 9 Created: Sep 11 at 11:59am Last Used: 2024-09-23T13:28:21Z			 
Kaltura Video Plugin KN	khalil.natour@kaltura.com	22650000000000386 <a href="#">Show Key</a>	Access Token Count: 0 Created: Sep 11 at 11:46am	~\$		 

5. Scroll to the listing for the Kaltura key and click the toggle to enable it.



A confirmation message displays: *Are you sure you want to change the state of the developer key [name]?*

Turn On Developer Key

×

Are you sure you want to change the state of the developer key [redacted]?

Cancel

Switch to On

6. Click **Switch to On**. When the key is enabled, it turns green.

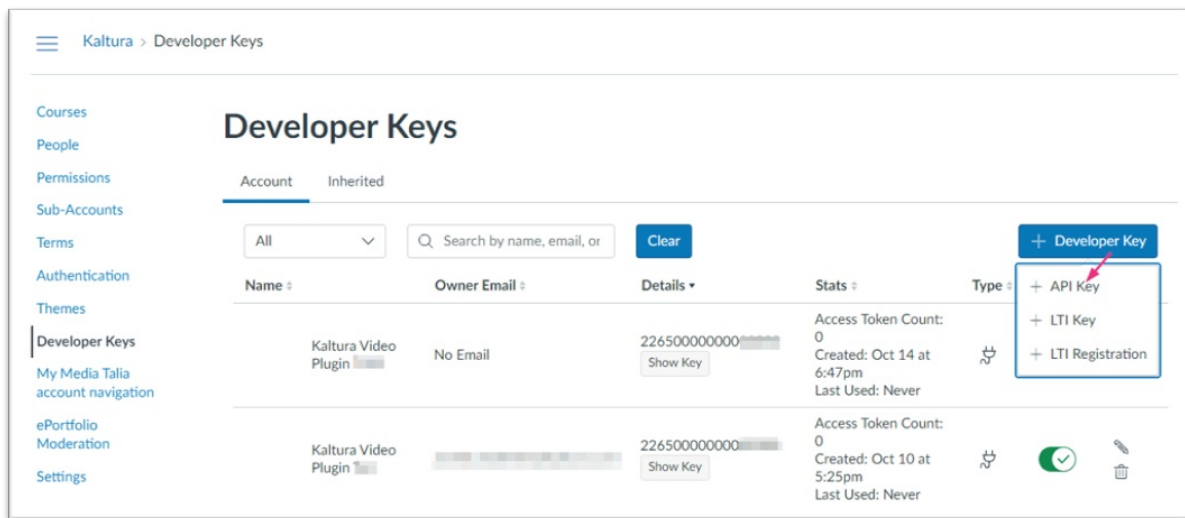


Continue to [Step 9](#).

## Option 2 – Scoped API developer key

If your KAF domain is not on \*.kaltura.com, or you prefer added security, you'll need to create a Scoped API Developer Key.

1. Log into Canvas as an administrator.
2. Navigate to the **Developer Keys** page.
3. On the **Developer Keys** page, click on **+ Developer Key** and select **+ API Key** from the drop-down list.



The screenshot shows the Kaltura Developer Keys interface. On the left is a sidebar with navigation links: Courses, People, Permissions, Sub-Accounts, Terms, Authentication, Themes, **Developer Keys**, My Media Talia account navigation, ePortfolio Moderation, and Settings. The main content area is titled 'Developer Keys' and has tabs for 'Account' and 'Inherited'. Below the tabs is a search bar with a dropdown set to 'All' and a 'Clear' button. A table lists developer keys with columns: Name, Owner Email, Details, Stats, and Type. The first key is 'Kaltura Video Plugin' with owner email 'No Email' and stats showing 0 access tokens. A '+ Developer Key' button is in the top right, with a dropdown menu open showing options: '+ API Key', '+ LTI Key', and '+ LTI Registration'. A red arrow points to the '+ API Key' option.

The **Key Settings** page displays.

## Key Settings

---

Key Name:

Owner Email:

Redirect URIs:

Redirect URI (Legacy):

Vendor Code (LTI 2):

Icon URL:

Notes:

☐ Test Cluster Only

Client Credentials Audience ⓘ

Canvas
▼

4. Enter the following:

- **Key Name** - Kaltura Scoped Key
- **Owner Email** - optional
- **Redirect URLs** - Enter your KAF URL starting with `https://`. Use your vanity domain if you have implemented one.
- **Redirect URL (Legacy)** - Enter your KAF URL starting with `https://`. Use your vanity domain if you have implemented one (the value should be the same as used in the **Redirect URLs** field).
- **Vendor Code (LTI 2)** - leave blank
- **Icon URL** - optional
- **Notes** - optional
- **Test Cluster Only** - leave unchecked
- **Client Credentials Audience** - Canvas should be selected.

5. Scroll to the top and click on **Enforce Scopes** to display all the available scopes.

## Key Settings

Key Name: ✕ Enforce Scopes

Unnamed Tool

Owner Email:

Redirect URIs:

Redirect URI (Legacy):

The Enforce Scopes section expands.

### Enforce Scopes

Search endpoints

☐ Allow Include Parameters ⓘ

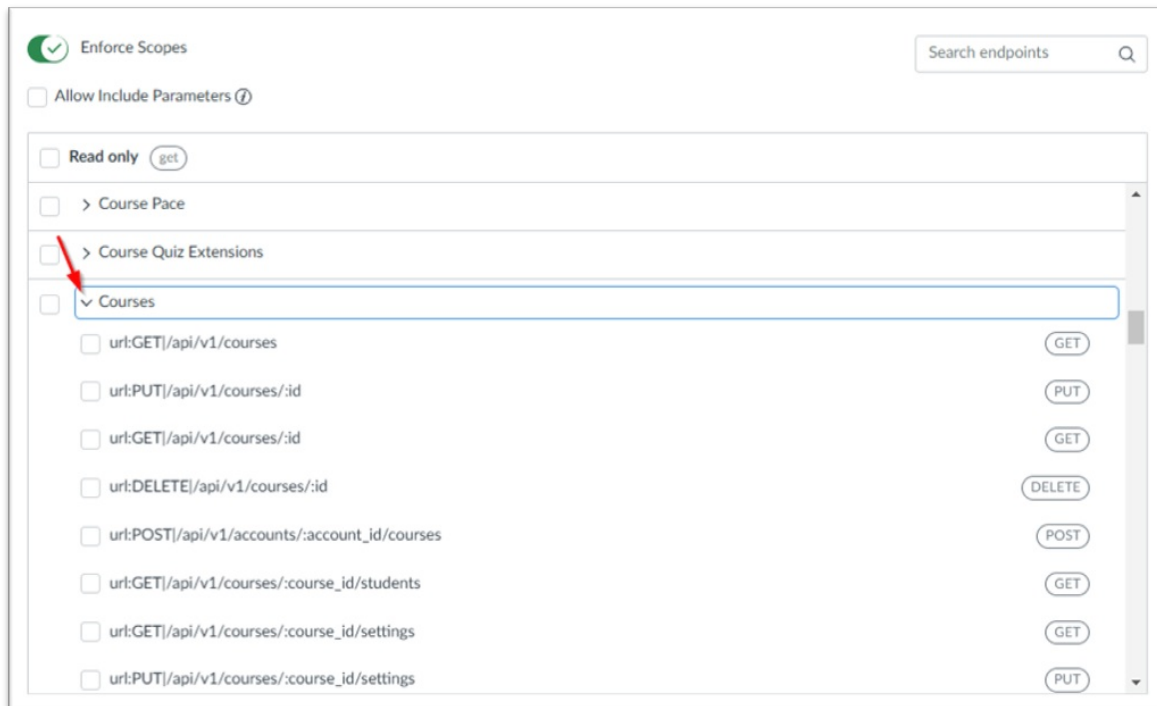
☐ Read only get

- ☐ > Access Tokens
- ☐ > Account Calendars
- ☐ > Account Domain Lookups
- ☐ > Account Notifications
- ☐ > Account Reports
- ☐ > Accounts
- ☐ > Admins
- ☐ > Analytics
- ☐ > Announcement External Feeds
- ☐ > Announcements
- ☐ > API Token Scanner

Cancel Save

Leave **Allow Include Parameters** unchecked

6. Scroll down to **Courses** and click to expand.



Enforce Scopes

Search endpoints

☐ Allow Include Parameters ⓘ

☐ Read only get

☐ > Course Pace

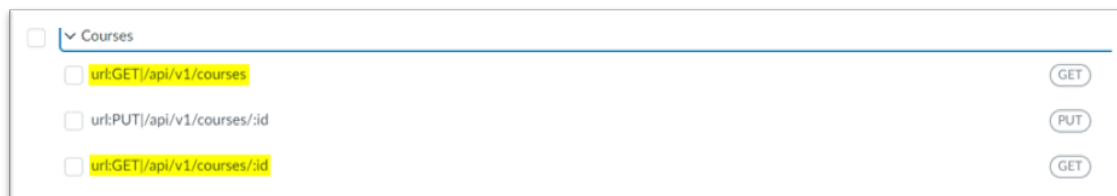
☐ > Course Quiz Extensions

☒ **Courses**

- ☐ url:GET|/api/v1/courses GET
- ☐ url:PUT|/api/v1/courses/:id PUT
- ☐ url:GET|/api/v1/courses/:id GET
- ☐ url:DELETE|/api/v1/courses/:id DELETE
- ☐ url:POST|/api/v1/accounts/:account\_id/courses POST
- ☐ url:GET|/api/v1/courses/:course\_id/students GET
- ☐ url:GET|/api/v1/courses/:course\_id/settings GET
- ☐ url:PUT|/api/v1/courses/:course\_id/settings PUT

7. Check the following scopes:

- url:GET|/api/v1/courses
- url:GET|/api/v1/courses/:id



☒ **Courses**

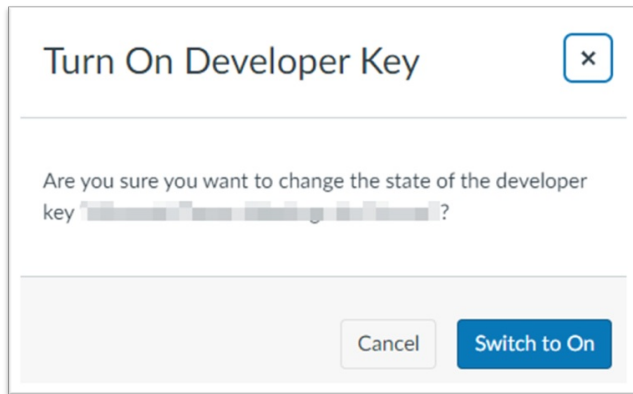
- ☒ url:GET|/api/v1/courses GET
- ☐ url:PUT|/api/v1/courses/:id PUT
- ☒ url:GET|/api/v1/courses/:id GET

8. Click **Save**.

9. Click the toggle to enable the key.



A confirmation message displays: *Are you sure you want to change the state of the developer key [name]?*

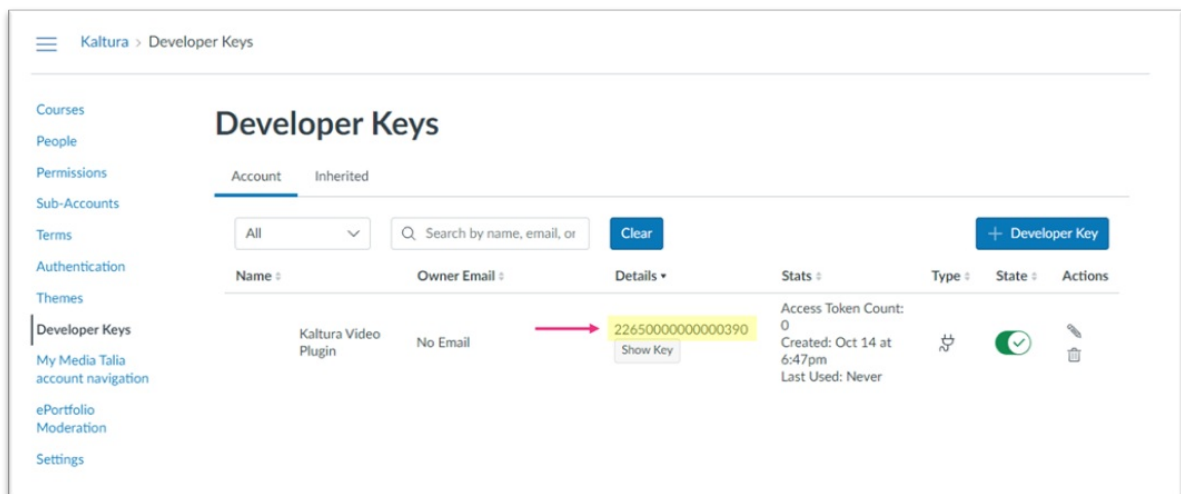


10. Click **Switch to On**. When the key is enabled, it's green.

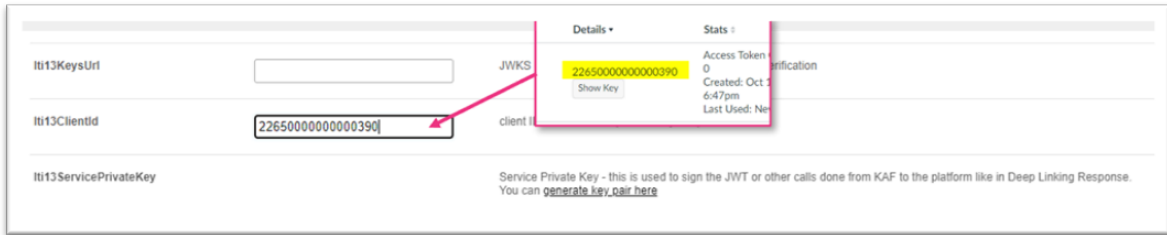


## Step 9 – Add the LTI Developer Keys to your KAF

1. In Canvas, navigate to the **Developer Keys** page ([https://{your\\_Canvas\\_base\\_URL}/accounts/1/developer\\_keys](https://{your_Canvas_base_URL}/accounts/1/developer_keys)).
2. On the **Developer Keys** page, locate the listing for the developer key you created in [Step 4 - Create a Canvas LTI developer key for all Kaltura tools except My Media](#) and copy the **Client ID** from the **Details** column.



3. Log into your KAF Configuration Management page ([https://{your\\_KAF\\_base\\_URL}/admin](https://{your_KAF_base_URL}/admin)).
4. Navigate to the Hosted module ([https://{your\\_KAF\\_base\\_URL}/admin/config/tab/hosted](https://{your_KAF_base_URL}/admin/config/tab/hosted)).
5. Scroll down to the **lti13ClientID** field and paste in the **Client ID**.



Iti13KeysUrl

Iti13Clientid

Iti13ServicePrivateKey

Details

JWKS

22650000000000390

Show Key

Stats

Access Token

0

Created: Oct 5

6:47pm

Last Used: Ne

client I

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](#)

6. Scroll down to the **ItiAdditionalIntegrations** section and click on **+ Add "ItiAdditionalIntegrations"**



ItiAdditionalIntegrations

Additional LTI1.3 LMS integrations

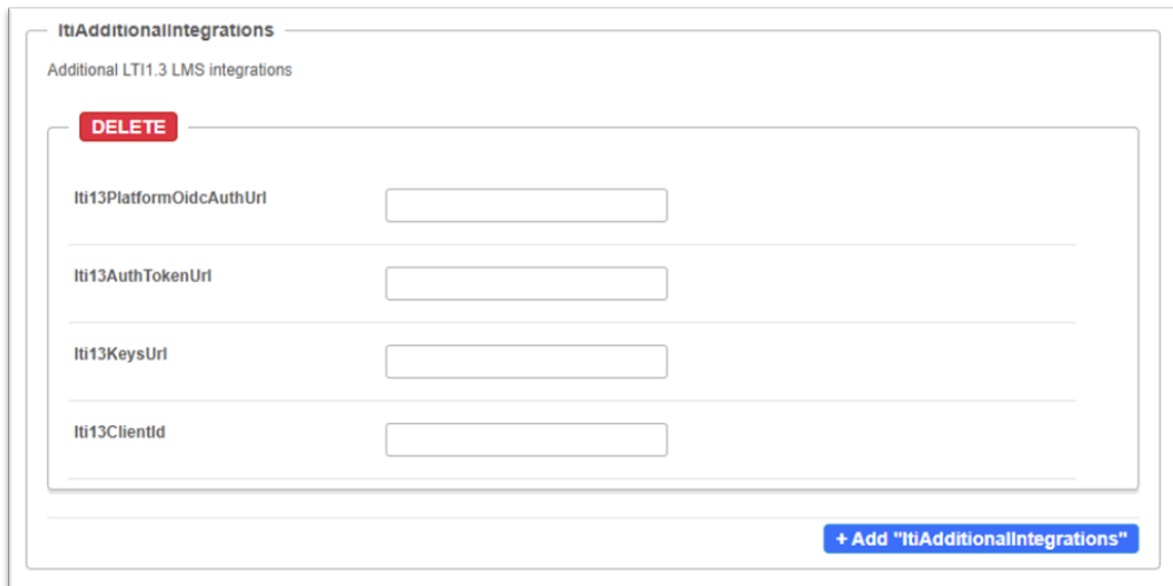
+ Add "ItiAdditionalIntegrations"

7. Configure the following fields within the **ItiAdditionalIntegrations** section:



The value for "your\_Canvas\_Domain" will be the domain displayed when a user is working in your Canvas instance. Example. canvas.myuniversity.edu.

- **Iti13PlatformOidcAuthUrl** = `https://{your_Canvas_Domain}/api/lti/authorize_redirect`
- **Iti13AuthTokenUrl** = `https://{your_Canvas_Domain}/login/oauth2/token`
- **Iti13KeysUrl** = `https://{your_Canvas_Domain}/api/lti/security/jwks`



ItiAdditionalIntegrations

Additional LTI1.3 LMS integrations

DELETE

Iti13PlatformOidcAuthUrl

Iti13AuthTokenUrl

Iti13KeysUrl

Iti13Clientid

+ Add "ItiAdditionalIntegrations"

8. Return to the Canvas Developer Key page and locate the listing for the developer key you created in [Step 6 - Create a Canvas LTI developer key for the Kaltura My Media](#)

tool and copy the **Client ID** from the **Details** column.

9. Return to the Hosted module's **ItiAdditionalIntegrations** settings and paste in the **Client ID to the Iti13ClientId** value.

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

## Step 10 – Add the API Developer Key to your KAF



Only complete this step if you used [Option 2 – Scoped API developer key](#) above.

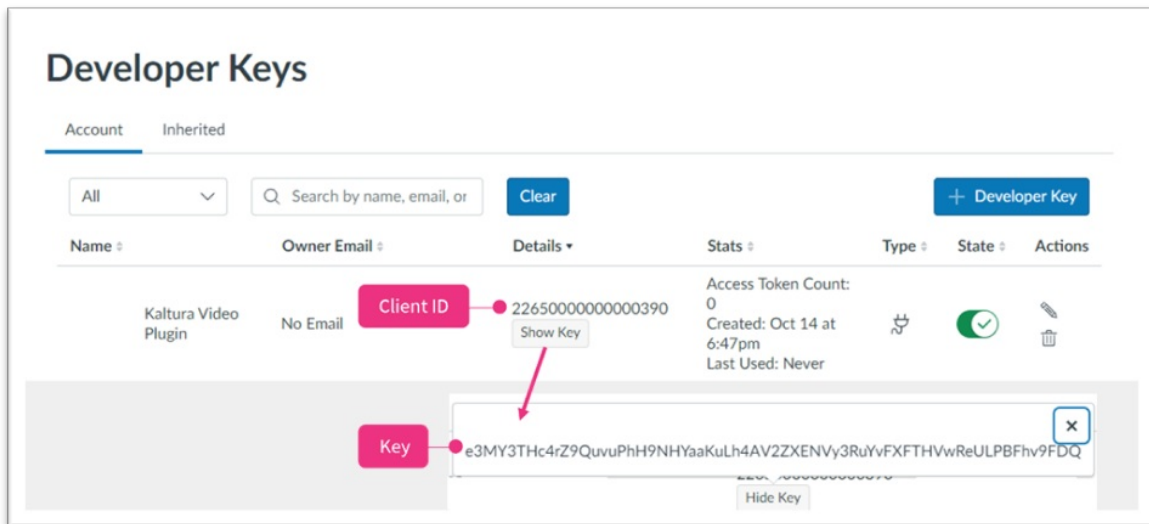
1. Log into your KAF Configuration Management page ([https://{your\\_KAF\\_base\\_URL}/admin](https://{your_KAF_base_URL}/admin)).
2. Navigate to the Canvas module ([https://{your\\_KAF\\_base\\_URL}/admin/config/tab/canvas](https://{your_KAF_base_URL}/admin/config/tab/canvas)).
3. In the **useScopedKey** field, set to 'Yes'.



useScopedKey	Yes ▾	Your key should cover the scopes below: url:GET /api/v1/courses url:GET /api/v1/courses/id
customAppId	<input type="text"/>	
customAppKey	<input type="text"/>	

This will expose the **customAppId** and **customAppKey** settings.

4. Fill in the **customAppId** and the **customAppKey** fields using the **Key ID** and the **Key for the API Developer Key** you created in [Option 2](#) above. You can locate the keys by navigating to the **Developer Keys** page and locate the Canvas API developer key you created.



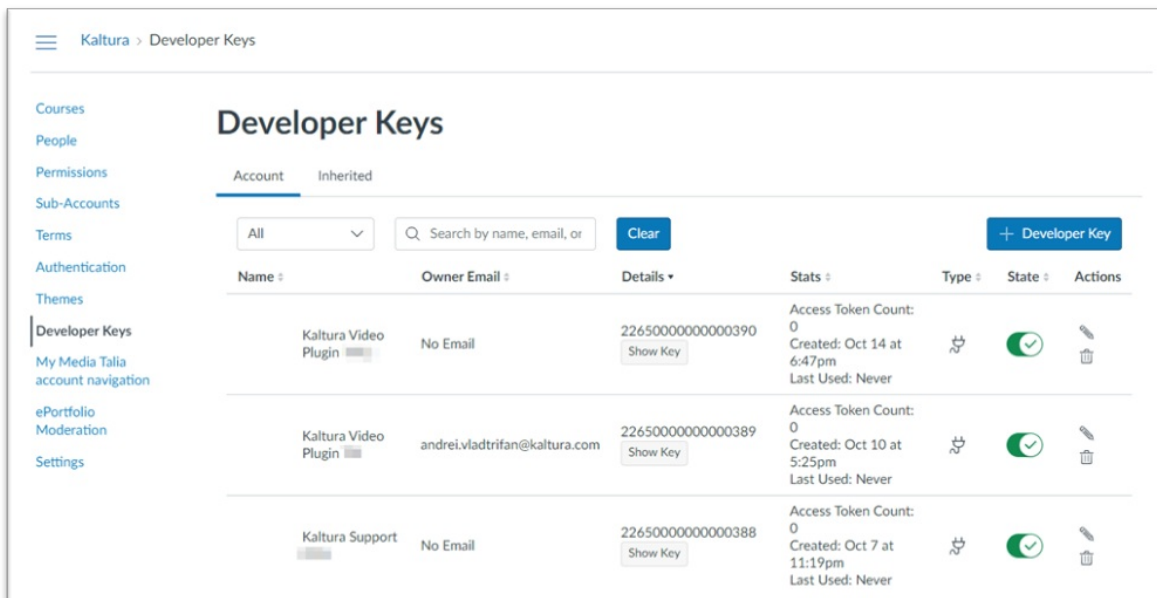
5. Copy the Client ID and paste into the **customAppId** field in the Canvas module.
6. Click **Show Key**, copy the key and paste it into the **customAppKey** field.



7. Scroll to the bottom of the Canvas module and click **Save**.

## Step 11 – Add the Kaltura Apps in your Canvas sub-account

1. Log into Canvas as an administrator and navigate to the **Developer Keys** page.



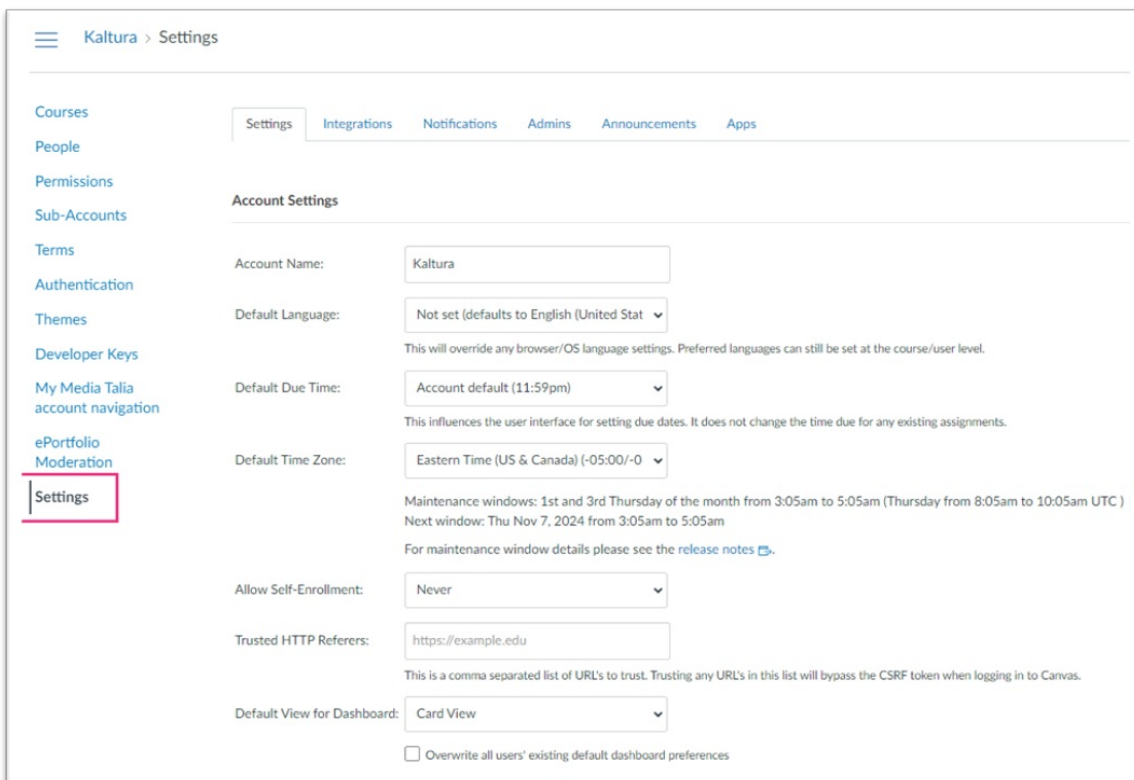
**Developer Keys**

Account Inherited

All Search by name, email, or Clear + Developer Key

Name	Owner Email	Details	Stats	Type	State	Actions
Kaltura Video Plugin	No Email	22650000000000390 Show Key	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never	JS	✓	🔗 🗑️
Kaltura Video Plugin	andrei.vladtrifan@kaltura.com	22650000000000389 Show Key	Access Token Count: 0 Created: Oct 10 at 5:25pm Last Used: Never	JS	✓	🔗 🗑️
Kaltura Support	No Email	22650000000000388 Show Key	Access Token Count: 0 Created: Oct 7 at 11:19pm Last Used: Never	JS	✓	🔗 🗑️

- On the **Developer Keys** page, locate the **Kaltura LTI 1.3 – no My Media LTI Developer Key** you created and copy the **Client ID** from the **Details** column.
- In the Account navigation panel select **Sub-Accounts**, and then click on the Sub-account you want to add the Kaltura Apps to.
- In the Sub-Account navigation panel scroll to the bottom and click on the **Settings** tab ([https://{your\\_Canvas\\_base\\_URL}/accounts/1/settings#tab-settings](https://{your_Canvas_base_URL}/accounts/1/settings#tab-settings)).



**Kaltura > Settings**

Settings Integrations Notifications Admins Announcements Apps

**Account Settings**

Account Name: Kaltura

Default Language: Not set (defaults to English (United Stat) ▼  
This will override any browser/OS language settings. Preferred languages can still be set at the course/user level.

Default Due Time: Account default (11:59pm) ▼  
This influences the user interface for setting due dates. It does not change the time due for any existing assignments.

Default Time Zone: Eastern Time (US & Canada) (-05:00/-0) ▼  
Maintenance windows: 1st and 3rd Thursday of the month from 3:05am to 5:05am (Thursday from 8:05am to 10:05am UTC)  
Next window: Thu Nov 7, 2024 from 3:05am to 5:05am  
For maintenance window details please see the [release notes](#).

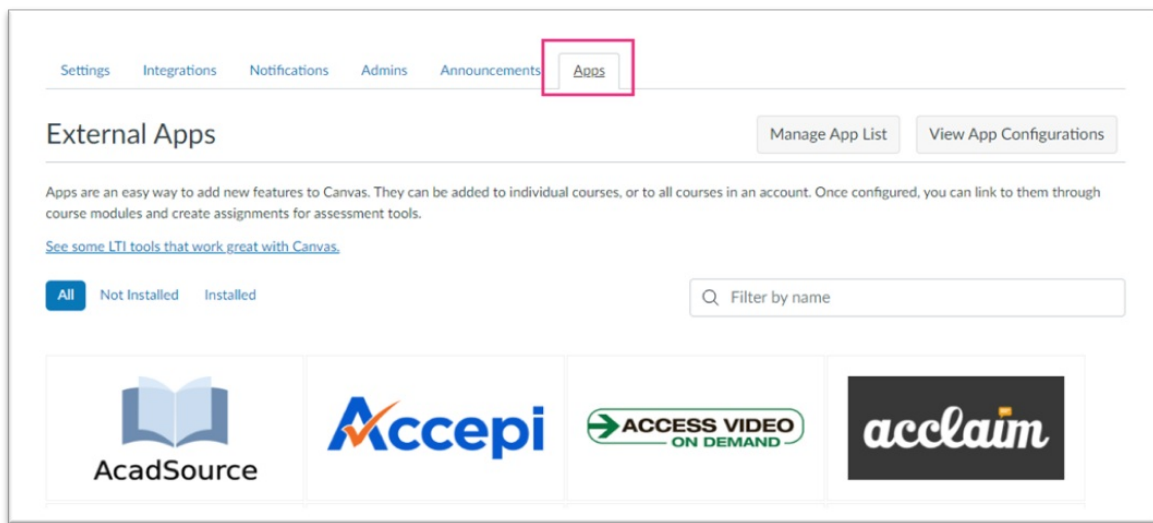
Allow Self-Enrollment: Never ▼

Trusted HTTP Referers: <https://example.edu>  
This is a comma separated list of URL's to trust. Trusting any URL's in this list will bypass the CSRF token when logging in to Canvas.

Default View for Dashboard: Card View ▼  
☐ Overwrite all users' existing default dashboard preferences

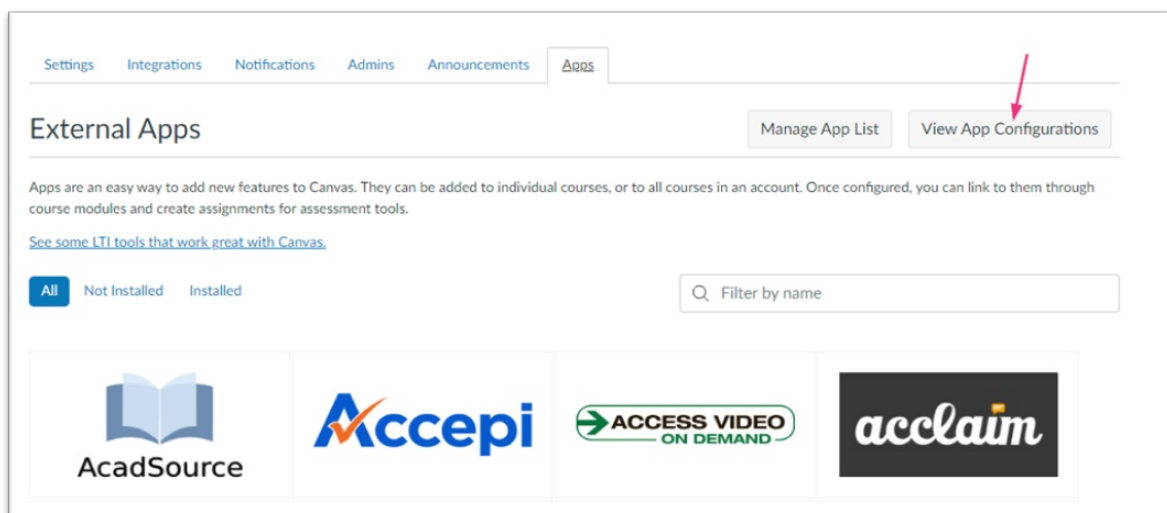
The Settings page displays.

5. On the Settings page, click the **Apps** tab.



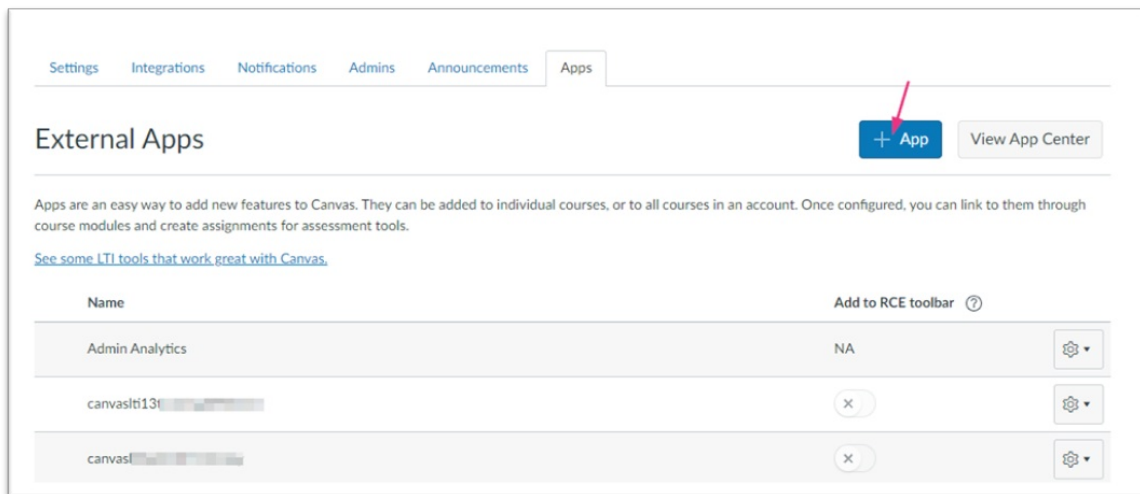
The External Apps page displays.

6. Click **View App Configurations**.

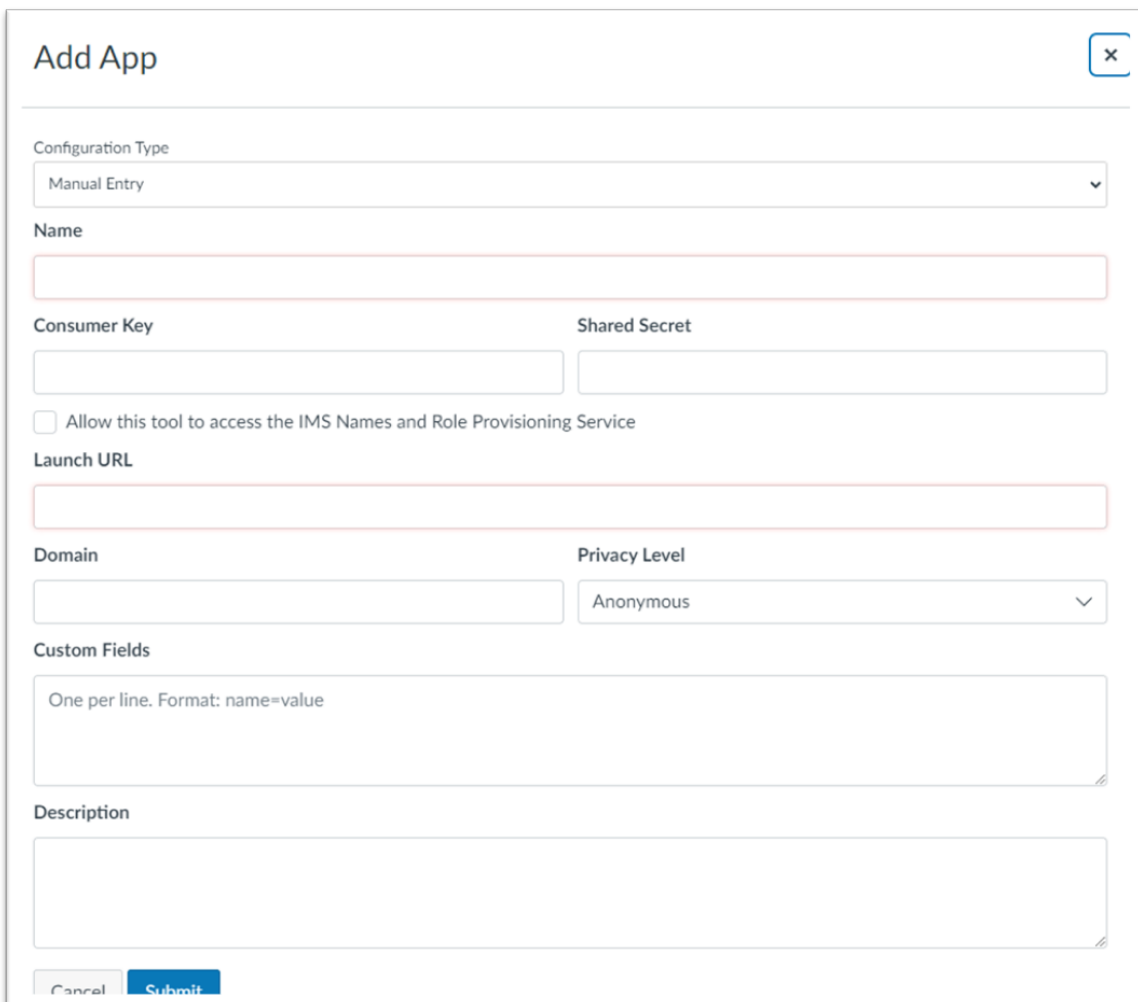


A list of apps displays.

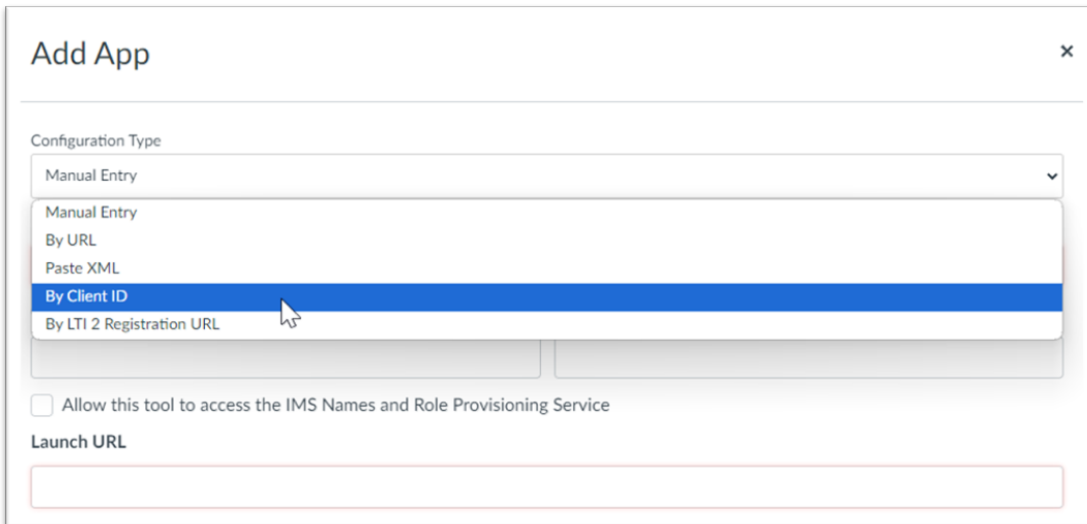
7. Click **+App**.



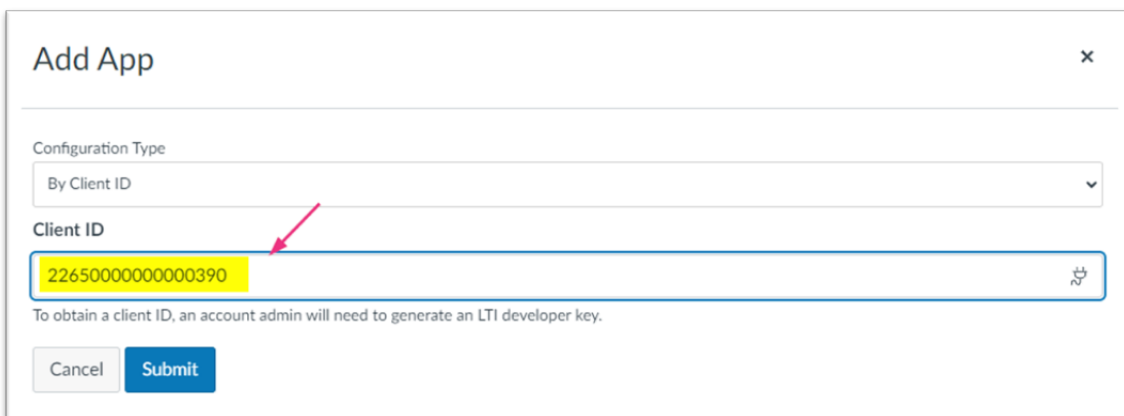
The **Add App** page displays.



8. Click on the **Configuration Type** drop-down menu and select **By Client ID**.



9. Paste the Client ID copied in [Step 4 - Create LTI developer key](#) into the **Client ID** field.



10. Click **Submit**.
11. Return to the Canvas **Developer Keys** page, and locate the [Kaltura LTI 1.3 - My Media only LTI Developer Key](#) you created and copy the **Client ID** from the **Details** column.
12. Repeat steps [3-10](#) of **Step 11**.

## Step 12 - Configure the Kaltura user ID value

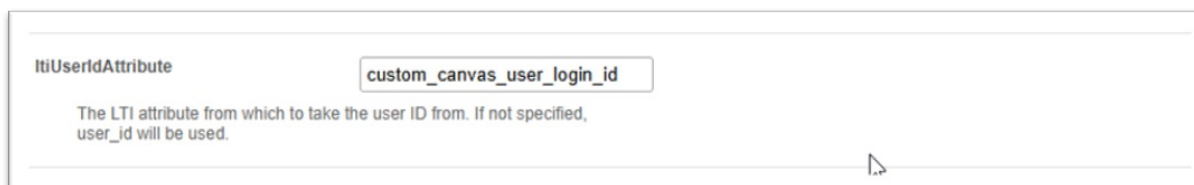


The default Kaltura User ID is your Canvas User ID, which is often the same as the user's email address. If your organization uses a different value for User IDs, please refer to [Configuring the Kaltura User ID Value to Use with Your LMS Integration](#) before proceeding.

With the Kaltura LMS Video integration, user ID records are passed from the LMS to Kaltura during the LTI Launch. When using LTI 1.3 authentication, admins can configure which LTI attribute to use for the user ID in the Hosted module.

Kaltura uses a custom parameter in Canvas to store the User ID value. To set this up:

1. Log into your Configuration Management page ([https://{your\\_KAF\\_base\\_URL}/admin](https://{your_KAF_base_URL}/admin)).
2. Navigate to the Hosted module ([https://{your\\_KAF\\_base\\_URL}/admin/config/tab/hosted](https://{your_KAF_base_URL}/admin/config/tab/hosted)).
3. Scroll down to the **ItiUserIdAttribute** setting.
4. Set **ItiUserIdAttribute** to `custom_canvas_user_login_id`.



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



- For roles and permissions, see [Manage roles and permissions in LMS Video integrations](#).
- For account-level setup, see [Kaltura LMS Video integration for Canvas - Installation and setup \(LTI 1.3\)](#).