

Kaltura LMS Integration for Canvas (LTI 1.3) at the sub-account level

Last Modified on 12/10/2024 11:49 am IST

 This article is designated for administrators.

About

This guide explains how to add the Kaltura LMS Integration for Canvas with LTI version 1.3 at the sub-account level. For more information on hierarchical structure of Canvas accounts, click [here](#).

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.

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.

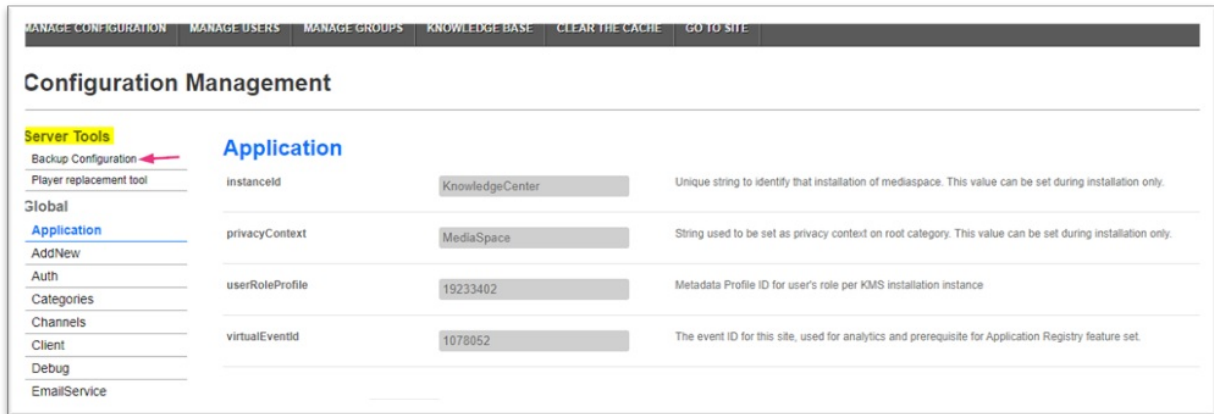
These limitations affect the placement of Kaltura's [My Media](#) and [Media Gallery](#) tools in Canvas. This guide outlines Kaltura's recommended approach to address these restrictions, which includes creating two LTI Developer Keys and one LTI API Key in Canvas.

Prerequisites

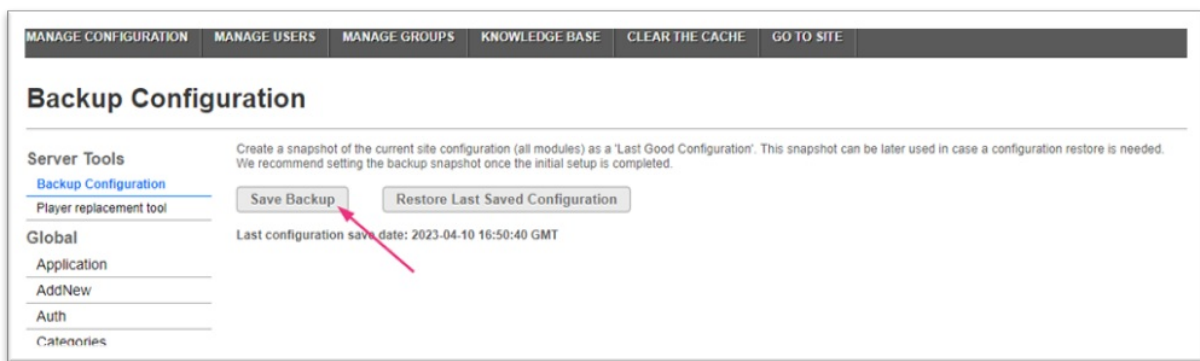
1. Kaltura administrator account
2. [KAF](#) instance for Canvas, minimum version 5.99.46
3. Canvas administrator account

Step 1 - Backup your KAF configuration

1. Log into your [KAF Configuration Management](#) console (https://{your_KAF_base_URL}/admin).
2. Under **Server Tools**, click **Backup Configuration**.

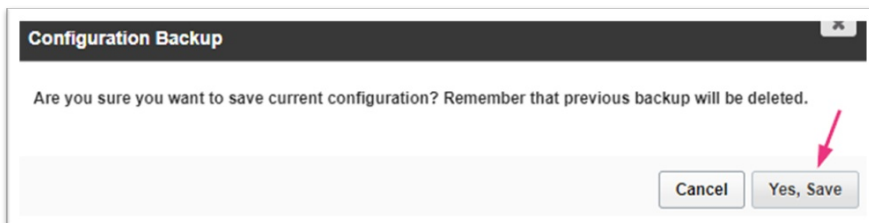


3. On the Backup Configuration page, click **Save Backup**.




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

4. Click **Yes, Save**.



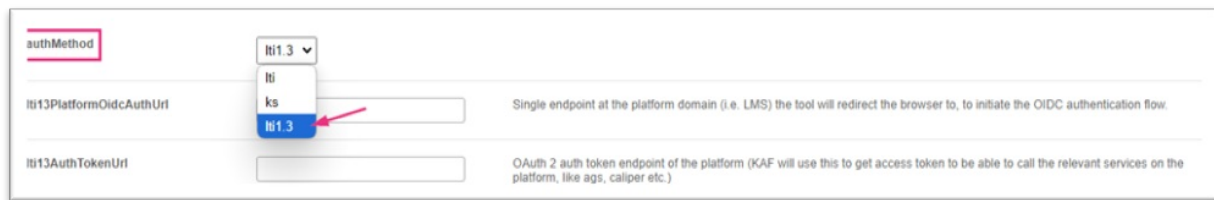
Once the backup is complete, you'll see a confirmation message: *Configuration file was saved successfully.*

 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 in KAF

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.




The screenshot shows a configuration form with a dropdown menu for 'authMethod' set to 'lti1.3'. Below it are three input fields: 'lti13PlatformOidcAuthUrl', 'lti13AuthTokenUrl', and 'lti13KeysUrl'. The 'lti13AuthTokenUrl' field has a red arrow pointing to it.

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



The screenshot shows the same configuration form with the 'authMethod' dropdown set to 'lti1.3'. A red box highlights the three input fields: 'lti13PlatformOidcAuthUrl', 'lti13AuthTokenUrl', and 'lti13KeysUrl'.

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.

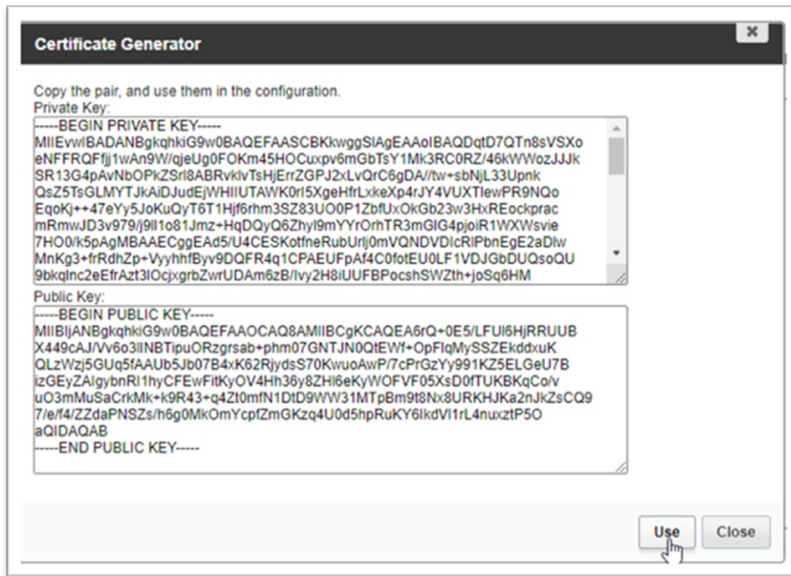
- **lti13PlatformOidcAuthUrl** = `https://{your_Canvas_Domain}/api/lti/authorize_redirect`
- **lti13AuthTokenUrl** = `https://{your_Canvas_Domain}/login/oauth2/token`
- **lti13KeysUrl** = `https://{your_Canvas_Domain}/api/lti/security/jwks`

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




The screenshot shows the 'lti13ServicePrivateKey' field. A red arrow points to the text 'You can generate key pair here' which is a link to generate the key pair.

5. In the Certificate Generator window, click **Use** to save the key pairs to the **lti13ServicePrivateKey** and **lti13ServicePublicKey** fields.



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

Step 3 - Generate the Canvas LTI developer key JSON

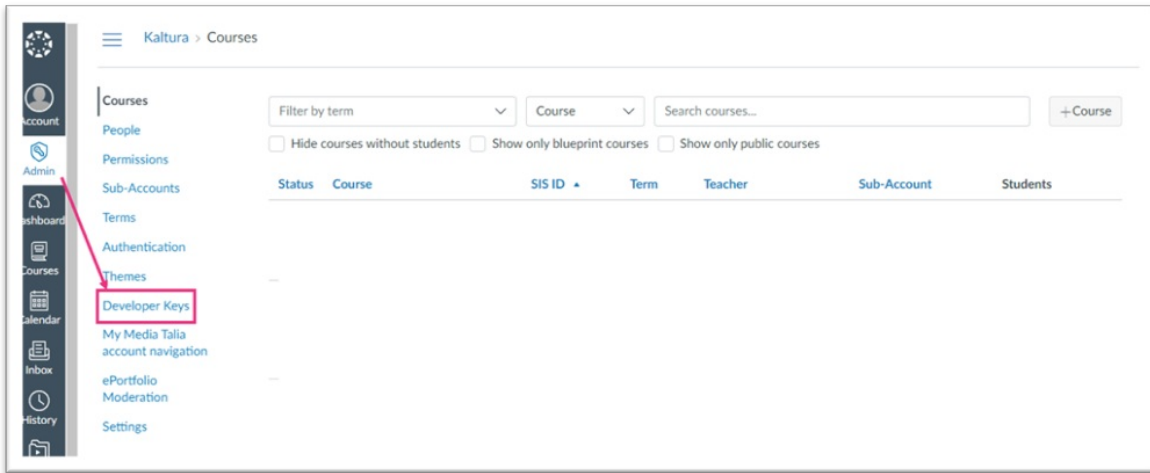
 If you are using a KAF domain other than `.kaltura.com`, such as a vanity domain or alias, make sure to use it as the input for your `_KAF_URL`.

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

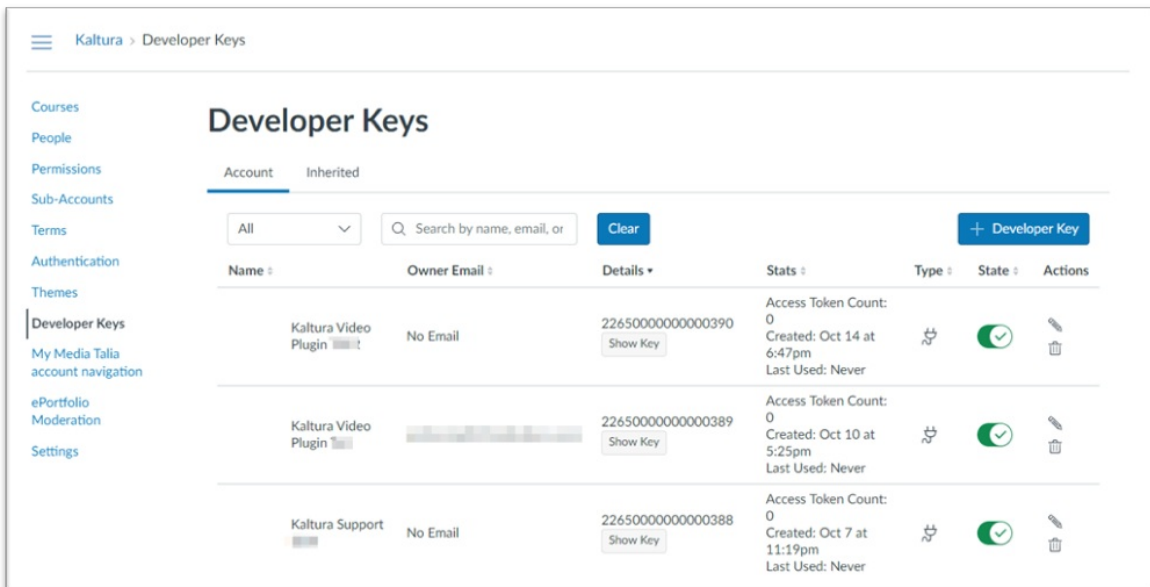
The JSON that is displayed will be used in the next steps to populate the LTI 1.3 Configuration field in the LTI developer keys.

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

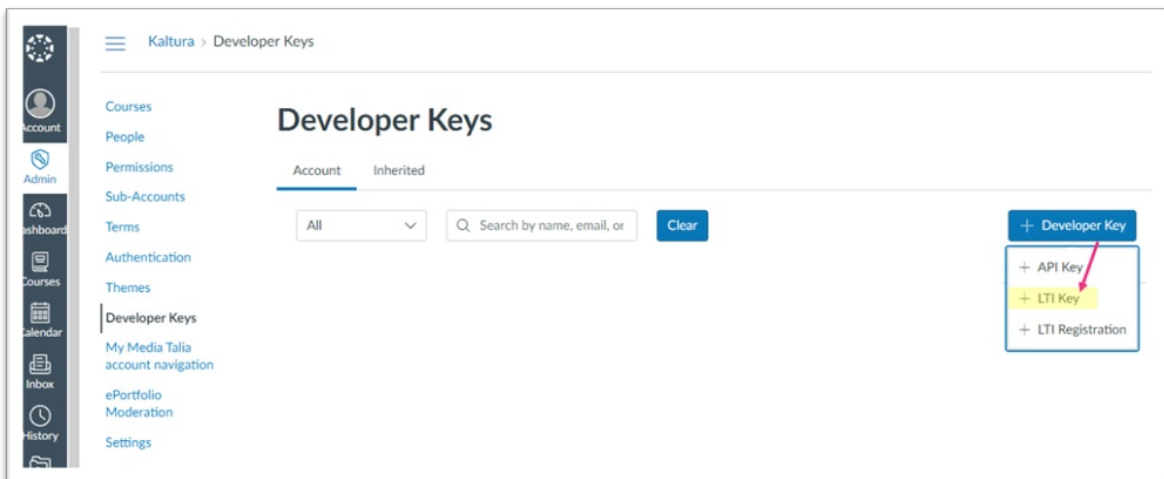
1. Log into your Canvas instance as an administrator.
2. Click the **Admin** tab.
3. In the Admin navigation panel click on the top-level account for your Canvas hierarchy.
4. In the Account navigation panel click the **Developer Keys** tab.



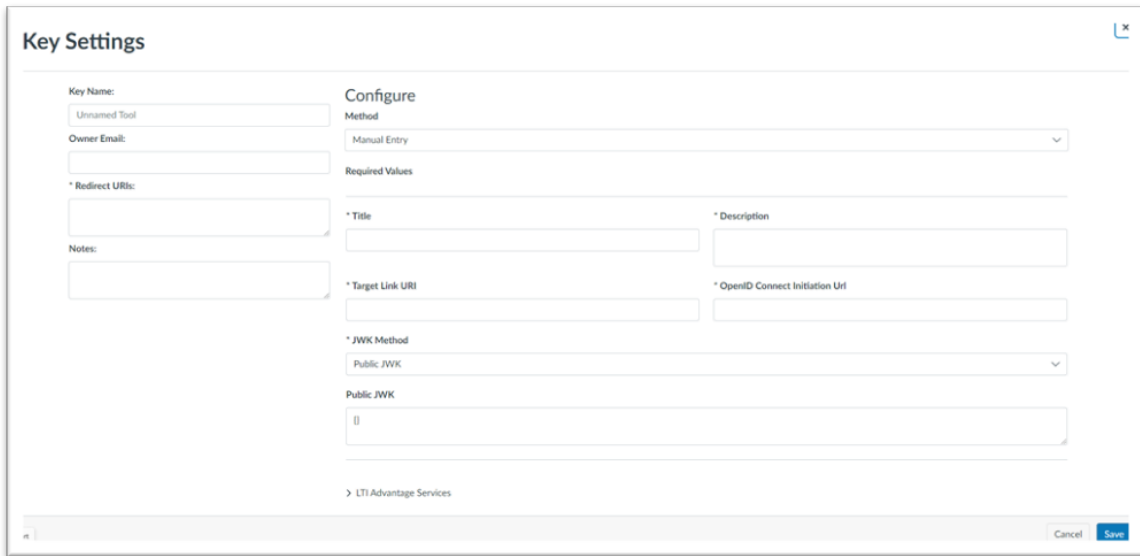
The **Developer Keys** page displays.



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



The **Key Settings** page displays.



Key Settings

Key Name:

Owner Email:

*** Redirect URIs:**

Notes:

Configure

Method

Required Values

*** Title**

*** Description**

*** Target Link URI**

*** OpenID Connect Initiation Uri**

*** JWK Method**

Public JWK

> LTI Advantage Services

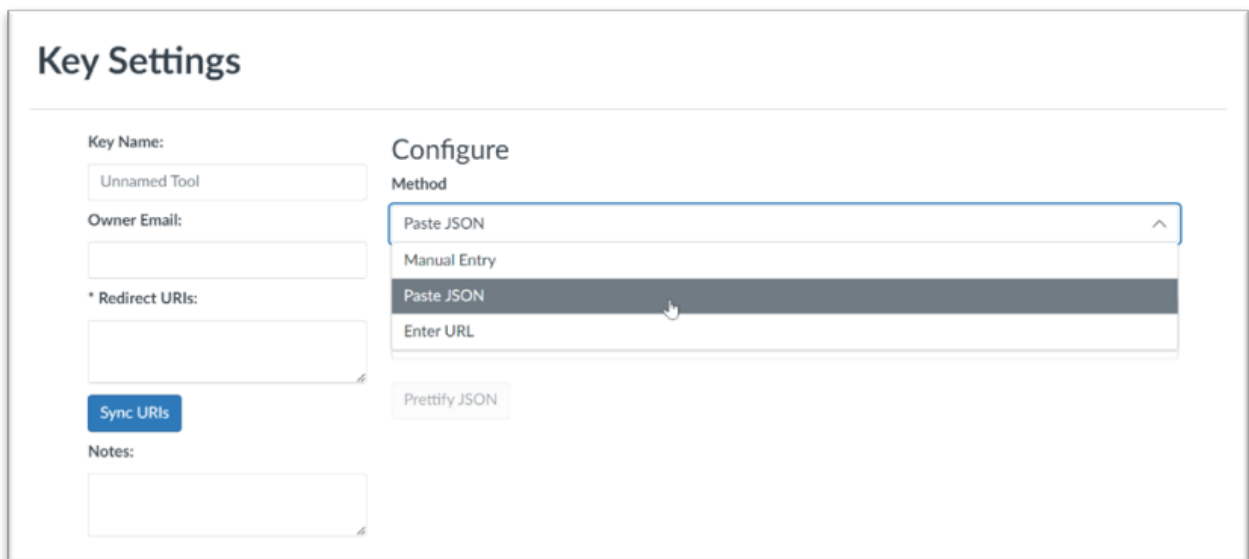
Cancel Save

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:**

Notes:

Configure

Method

- Paste JSON
- Manual Entry
- Paste JSON**
- Enter URL

Prettify JSON

Sync URIs

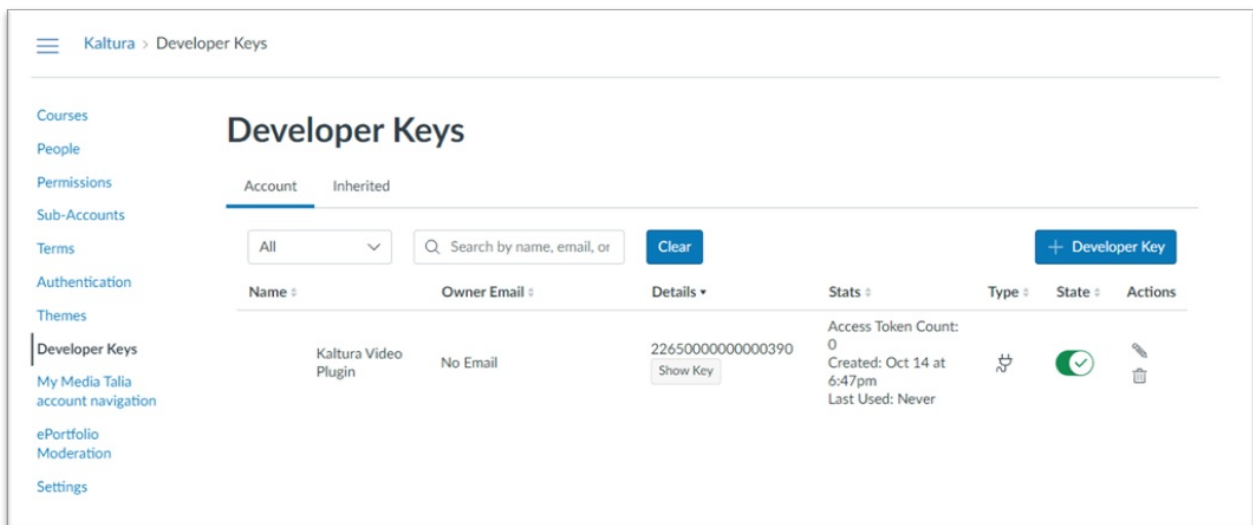
7. For the **LTI 1.3 Configuration** field, go to the browser tab used in [Step 3 - Generate the Canvas LTI developer key JSON](#), and copy the JSON code between the first and last brackets { }, then paste it between the brackets in the LTI 1.3 Configuration field.



```
{
  "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

Developer Keys

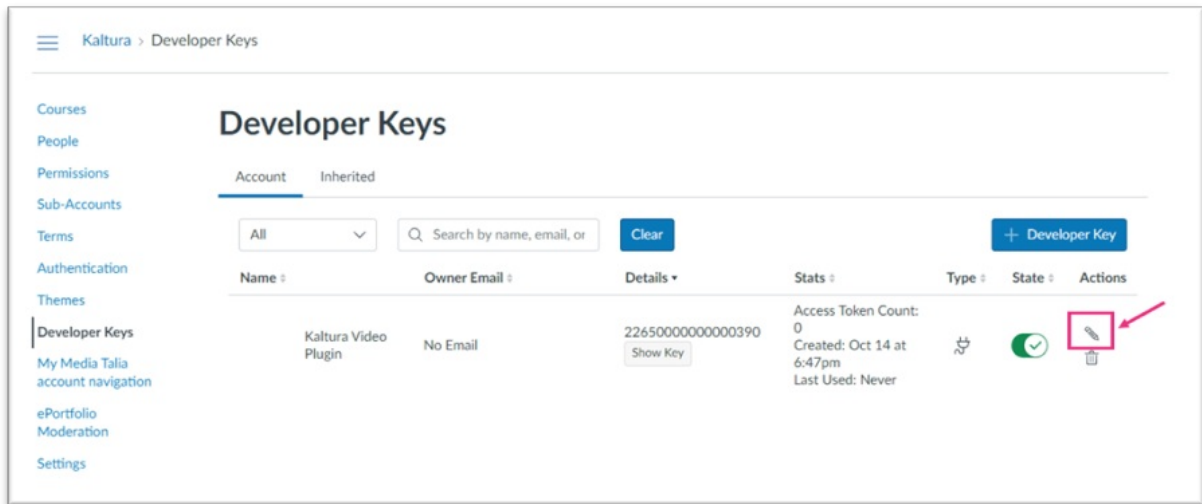
Account Inherited

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		On (Green)	

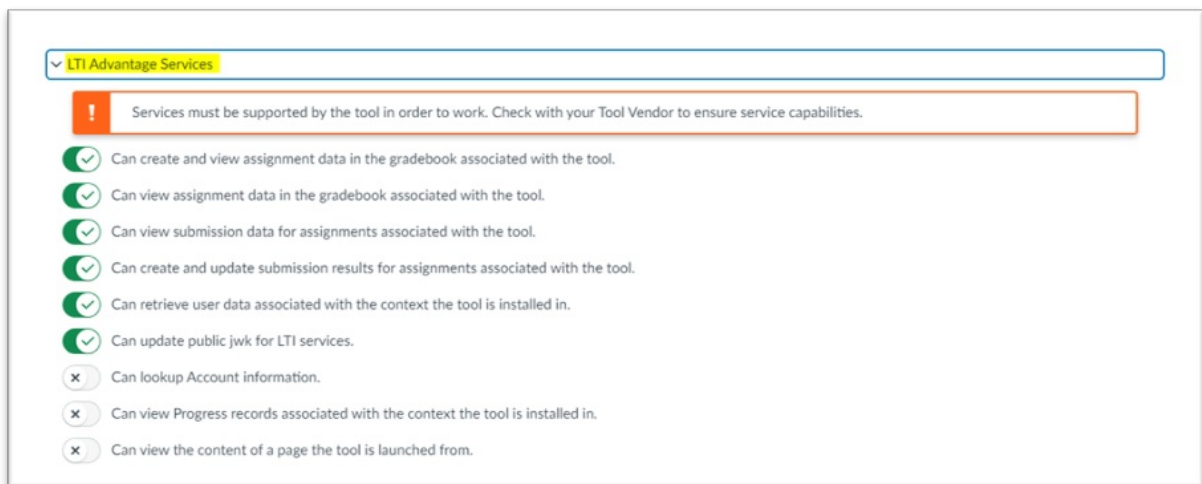
Step 5 - Configure the Kaltura LTI 1.3 – no My Media LTI developer key

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



The **Key Settings** page displays.

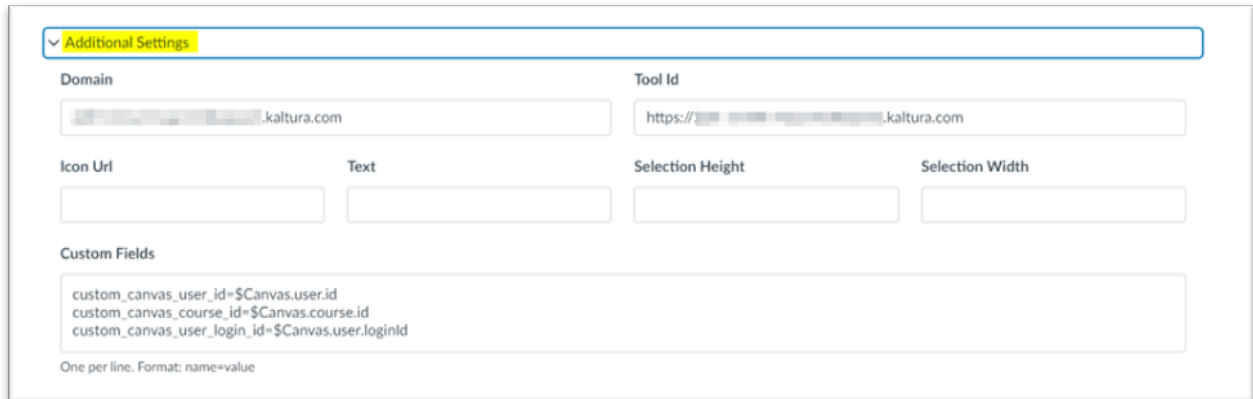
2. In the **Method** field, change to **Manual entry**
3. Update the **Title field**.
4. Update the **Description field**.
5. Scroll down to the **LTI Advantage Services** section and click to expand the section.



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:

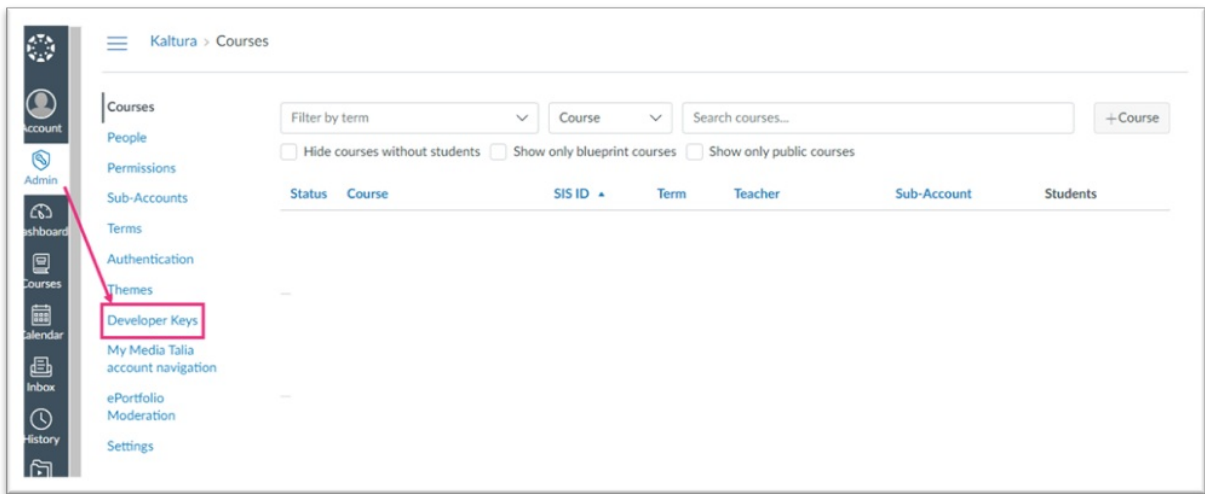
- **Link Selection:** For the Kaltura Browse Search and Embed tool, used to create video pages.
- **Course Navigation:** For the Kaltura Course Media Gallery.
- **Editor Button:** For the Kaltura Browse Search and Embed tool in the Canvas Rich Content Editor.
- **Assignment Selection:** For the Kaltura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

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

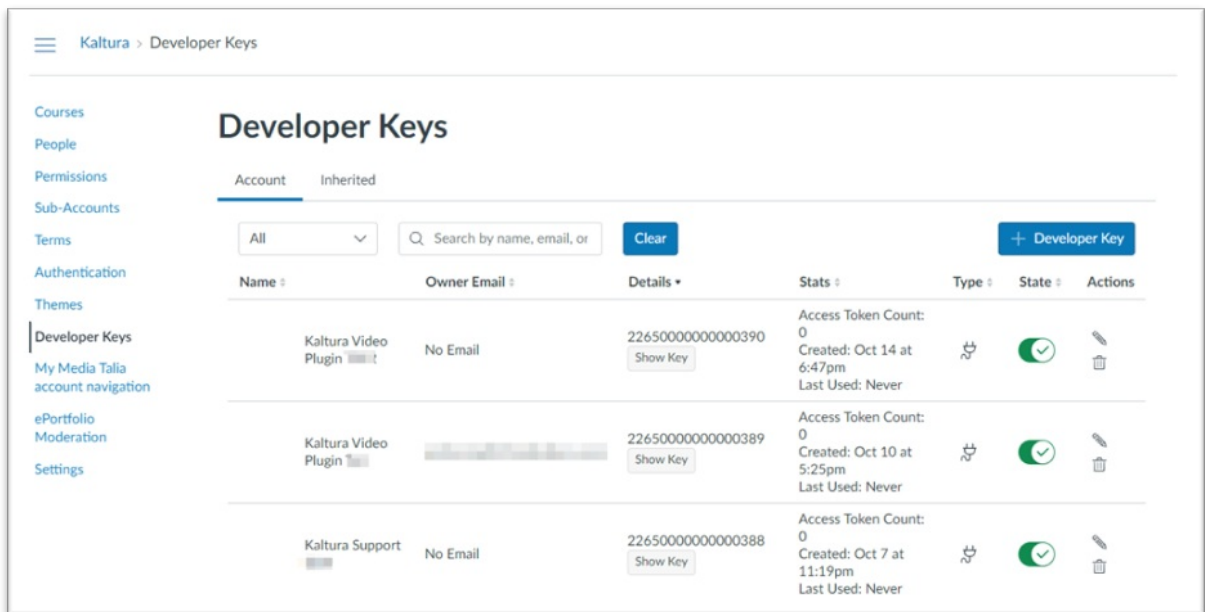
Step 6 - Create a Canvas LTI developer key for My Media

1. Log into your Canvas instance as an administrator.
2. Click the **Admin** tab.

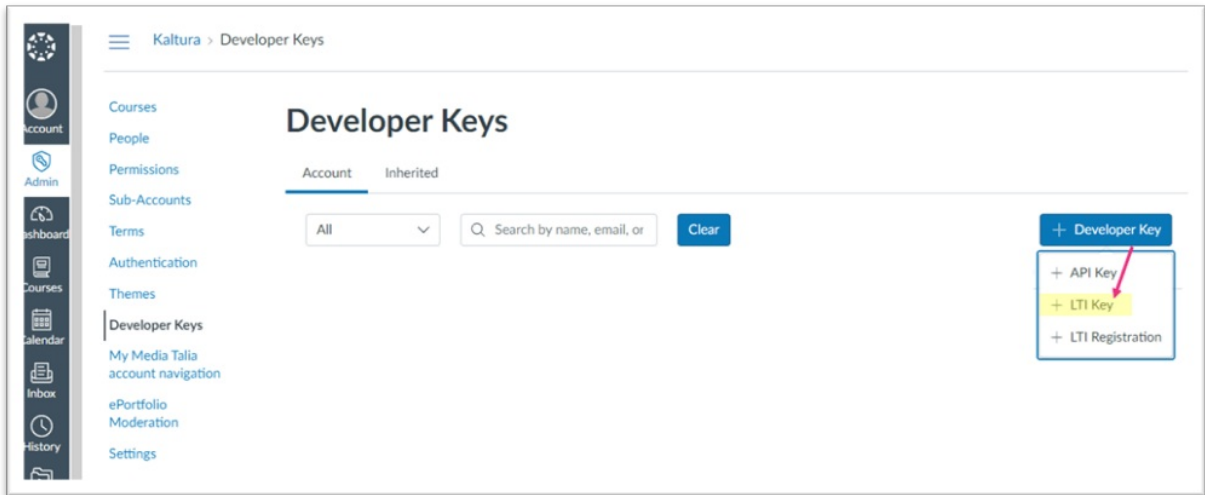
- In the Admin navigation panel click on the top-level account for your Canvas hierarchy.
- In the Account Navigation panel click the **Developer Keys** tab.



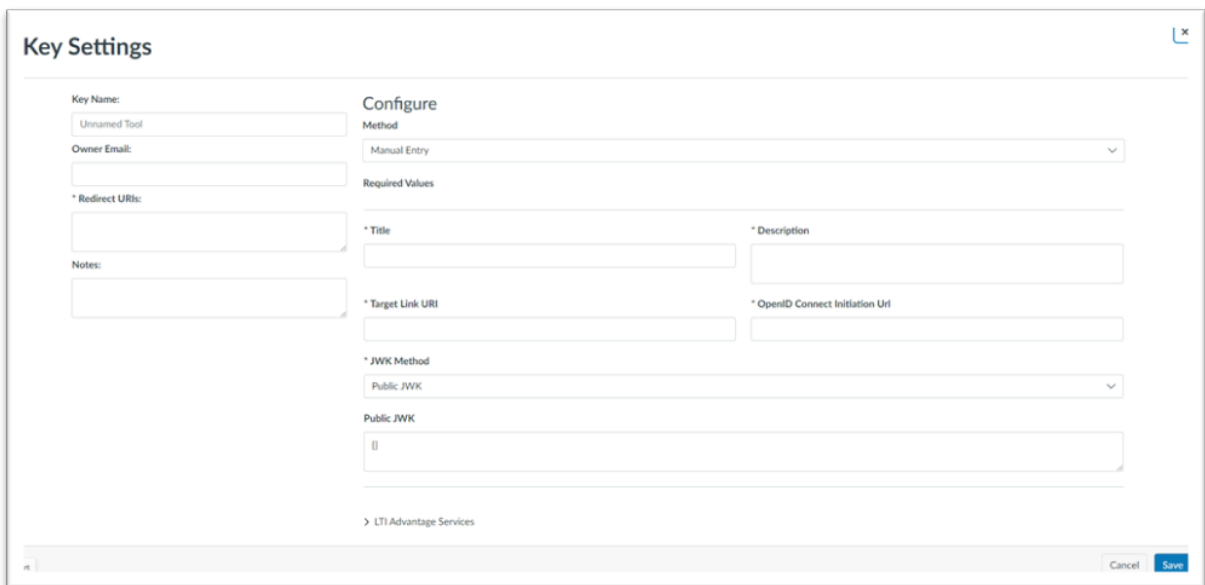
The **Developer Keys** page displays.



- 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 - 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:

Notes:

Configure

Method

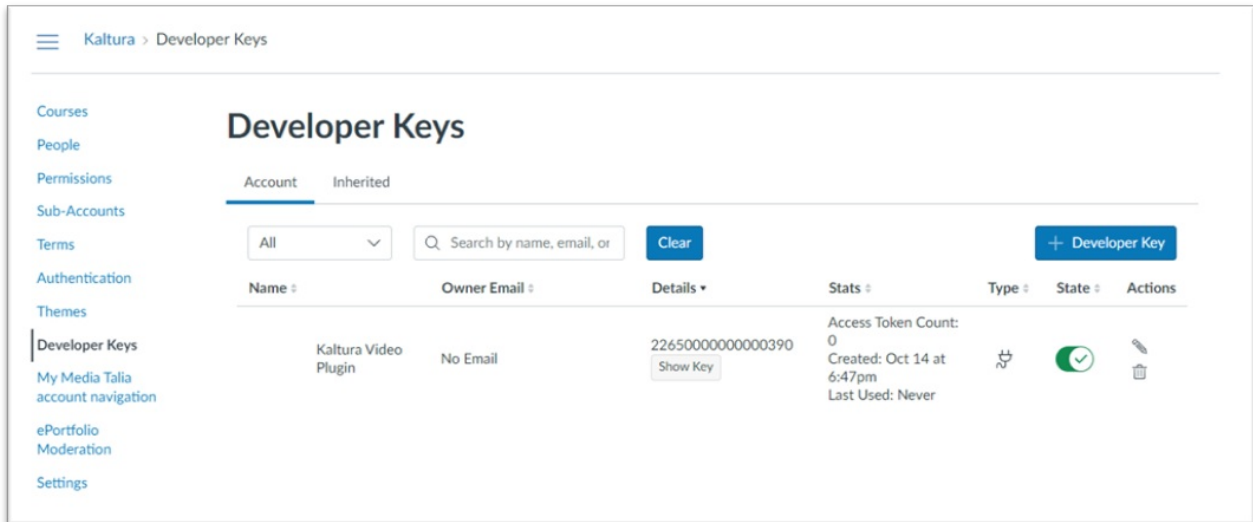
- Paste JSON
- Manual Entry
- Paste JSON**
- Enter URL

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"  
  ]  
}
```

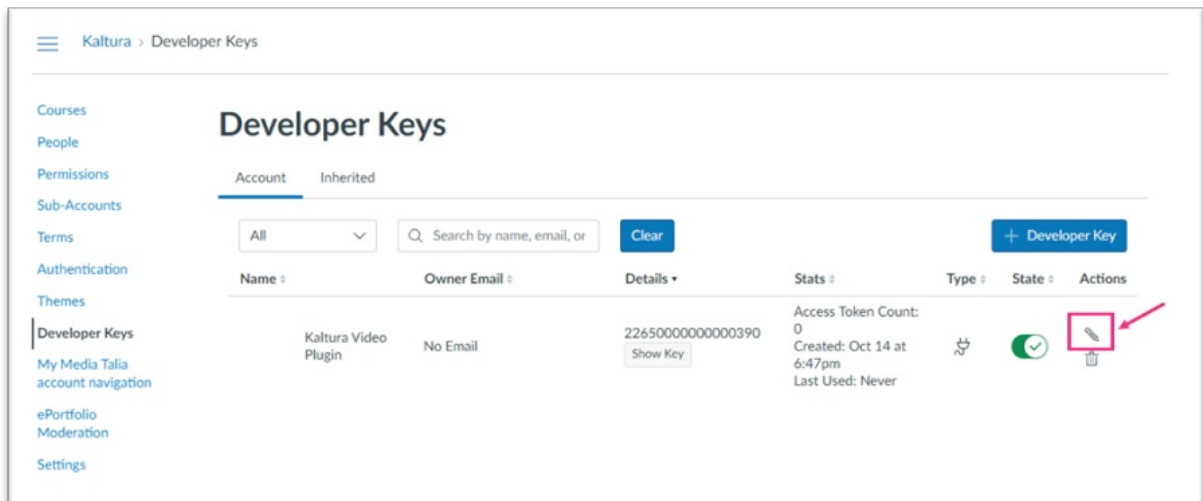
8. Scroll to the bottom of the page and click **Save**.

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).



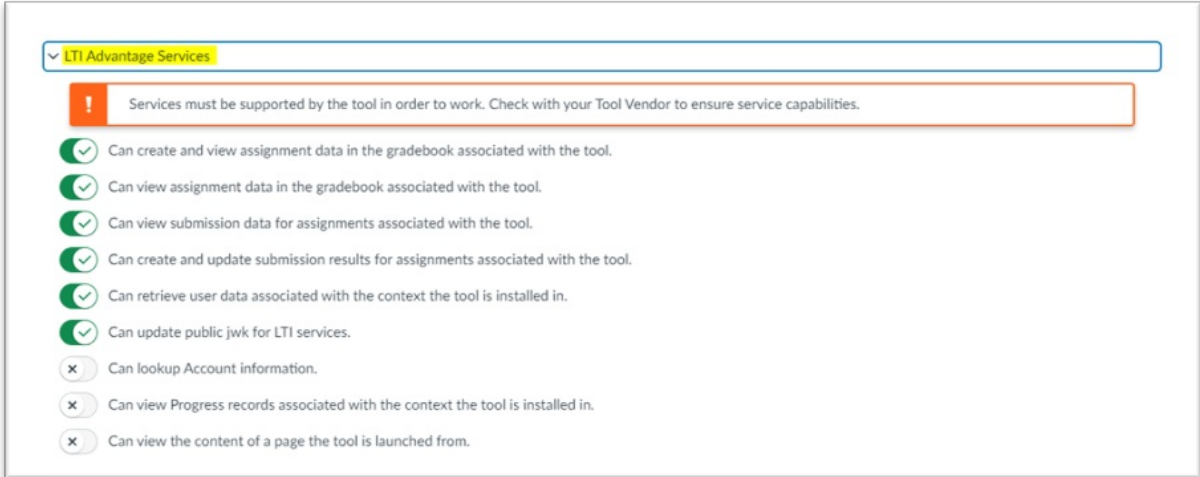
Step 7 - Configure the Kaltura LTI 1.3 – My Media only LTI developer key

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.



▼ LTI Advantage Services

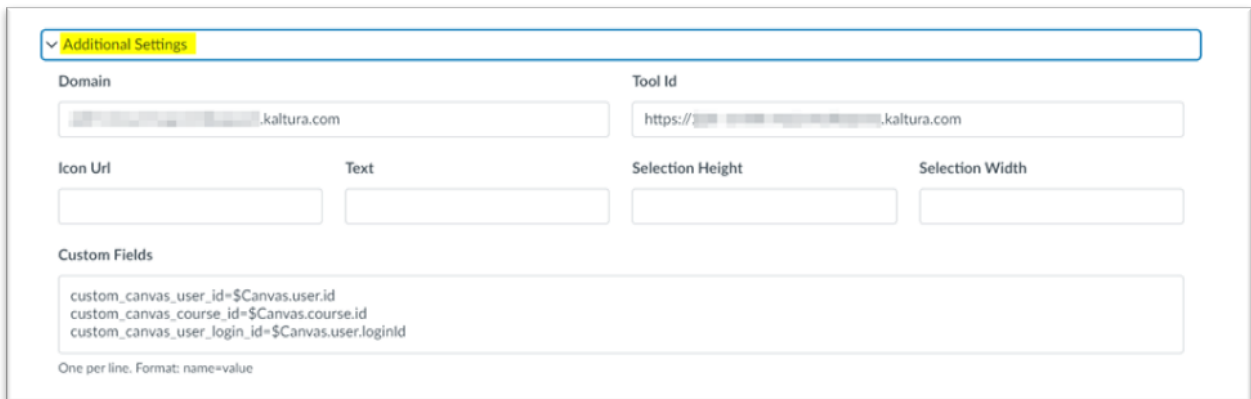
Services must be supported by the tool in order to work. Check with your Tool Vendor to ensure service capabilities.

- 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 submission results for assignments associated with the tool.
- Can retrieve user data associated with the context the tool is installed in.
- Can update public jwk for LTI services.
- Can lookup Account information.
- Can view Progress records associated with the context the tool is installed in.
- Can view the content of a page the tool is launched from.

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.



▼ Additional Settings

Domain:

Tool Id:

Icon Url:

Text:

Selection Height:

Selection Width:

Custom Fields

custom_canvas_user_id=\$Canvas.user.id
 custom_canvas_course_id=\$Canvas.course.id
 custom_canvas_user_login_id=\$Canvas.user.loginid

One per line. Format: name=value

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.

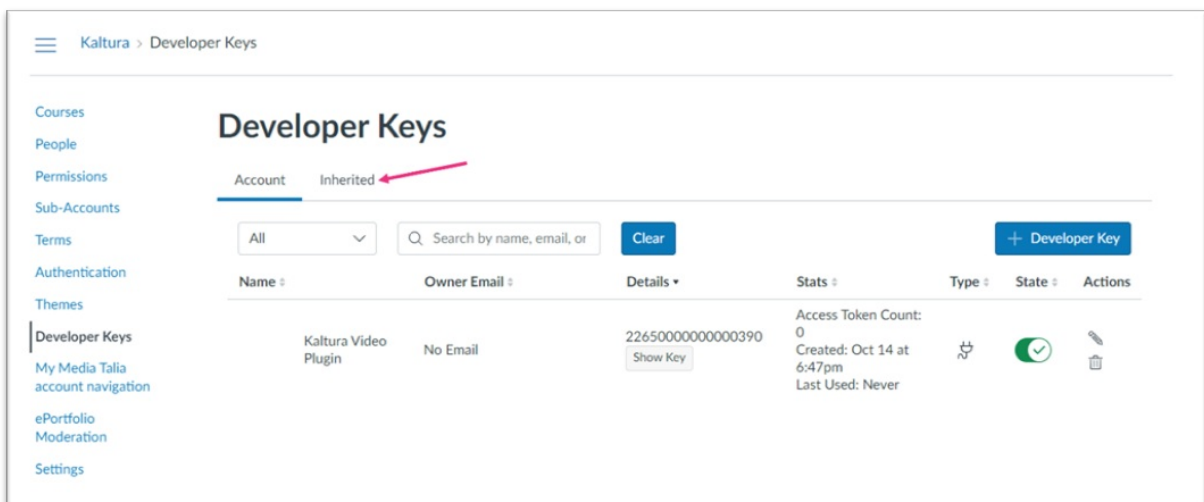
11. Scroll to the bottom of the page and click **Save**.

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.



The screenshot shows the 'Developer Keys' page in the Kaltura interface. The 'Inherited' tab is selected, indicated by a red arrow. The page displays a table with one key entry:

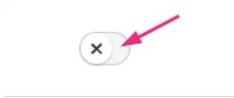
Name	Owner Email	Details	Stats	Type	State	Actions
Kaltura Video Plugin	No Email	2265000000000390 Show Key	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never		✔	Edit Delete

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>Show Key	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never	2T		
Kaltura Video Plugin Trif	andrei.vladtrifan@kaltura.com	22650000000000389 <a>Show Key	Access Token Count: 0 Created: Oct 10 at 5:25pm Last Used: Never	2T		
Kaltura Support EDU	No Email	22650000000000388 <a>Show Key	Access Token Count: 0 Created: Oct 7 at 11:19pm Last Used: Never	2T		
Kaltura Scoped Key KN	khalil.natour@kaltura.com	22650000000000387 <a>Show Key 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>Show Key	Access Token Count: 0 Created: Sep 11 at 11:46am	2T		

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.

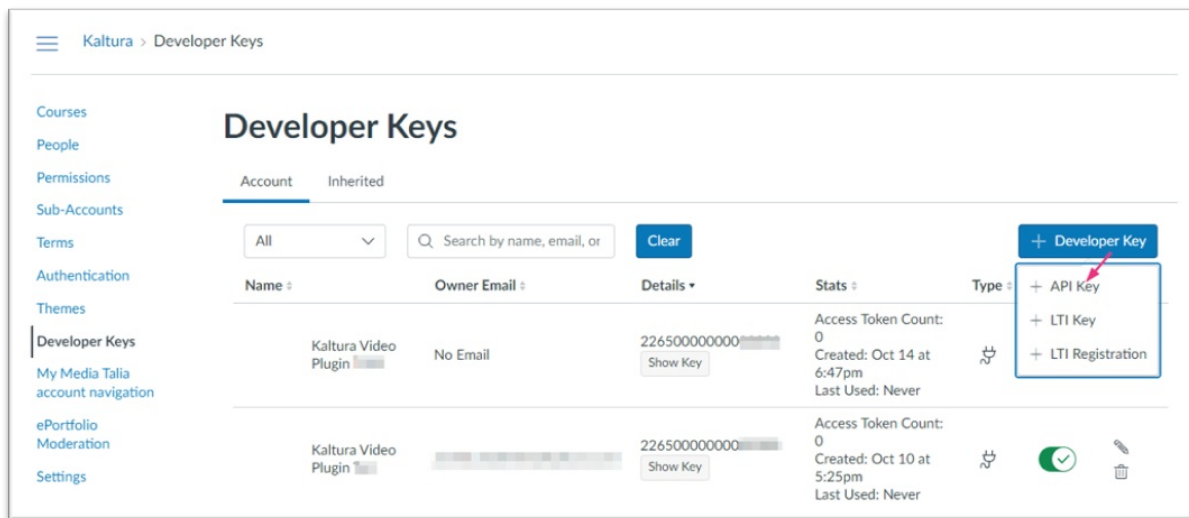


Continue to [Step 9](#).

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 **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 ⓘ

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 ?

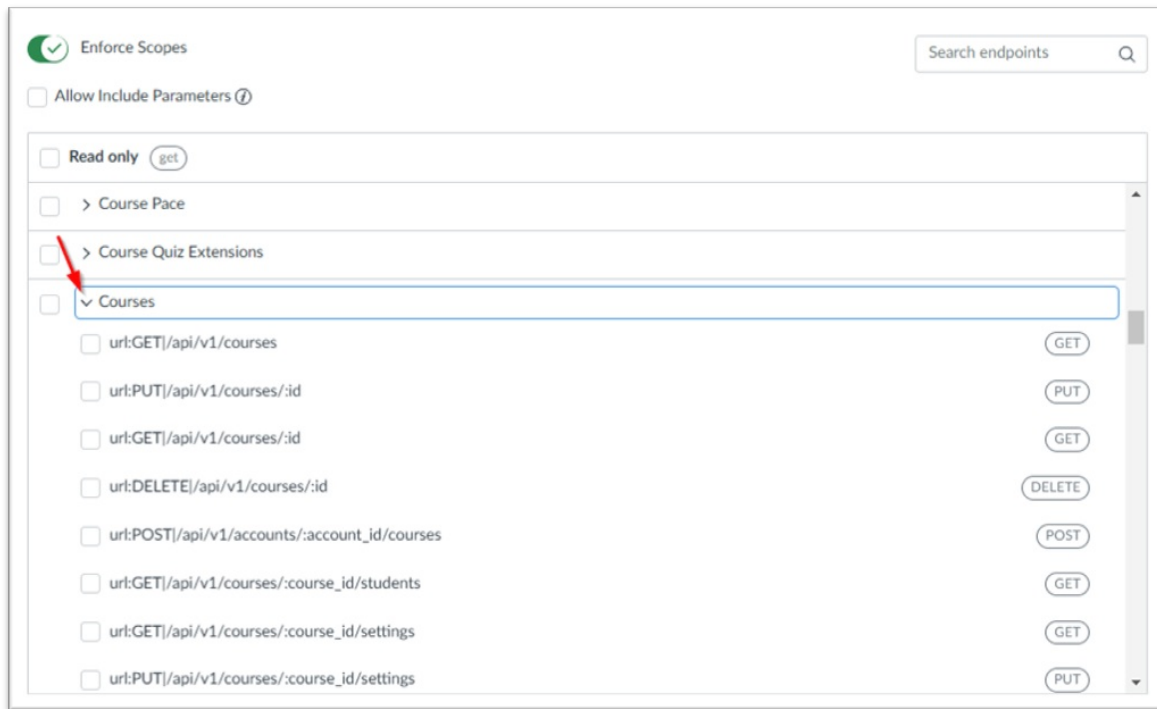
Read only get

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

Cancel Save

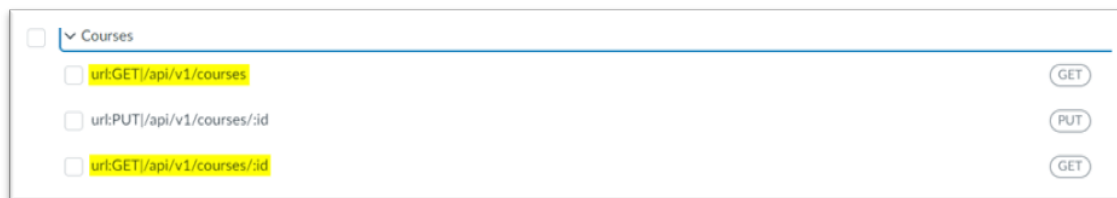
Leave **Allow Include Parameters** unchecked

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



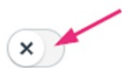
7. Check the following scopes:

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



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]?*

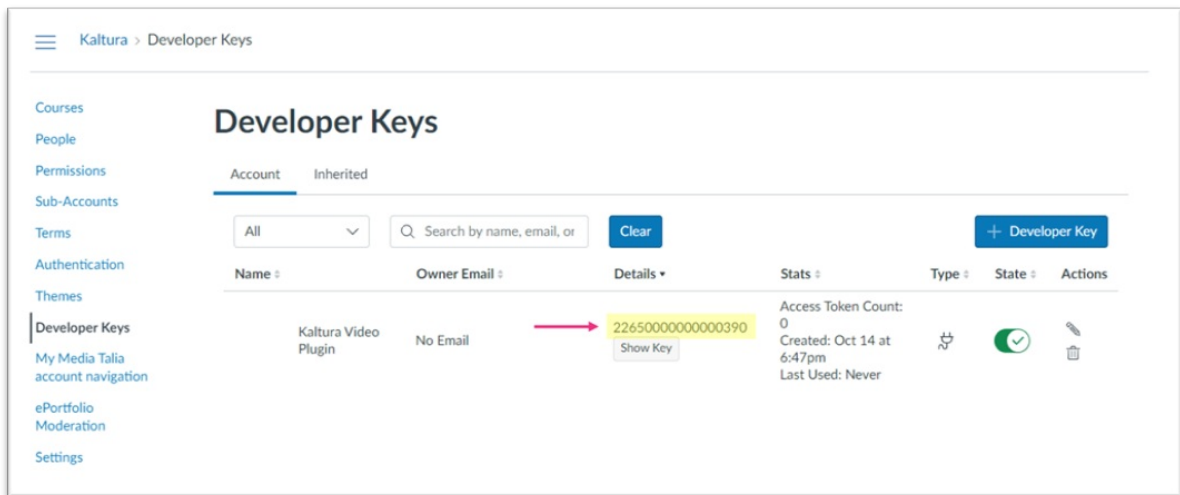


10. Click **Switch to On**. When the key is enabled, it's green.

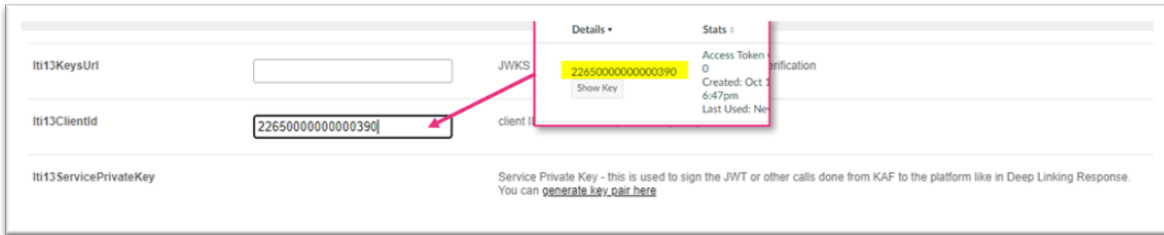


Step 9 – Add the LTI Developer Keys to your KAF

1. In Canvas, navigate to the **Developer Keys** page (https://{your_Canvas_base_URL}/accounts/1/developer_keys).
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).
4. Navigate to the Hosted module (https://{your_KAF_base_URL}/admin/config/tab/hosted).
5. Scroll down to the **lti13ClientID** field and paste in the **Client ID**.



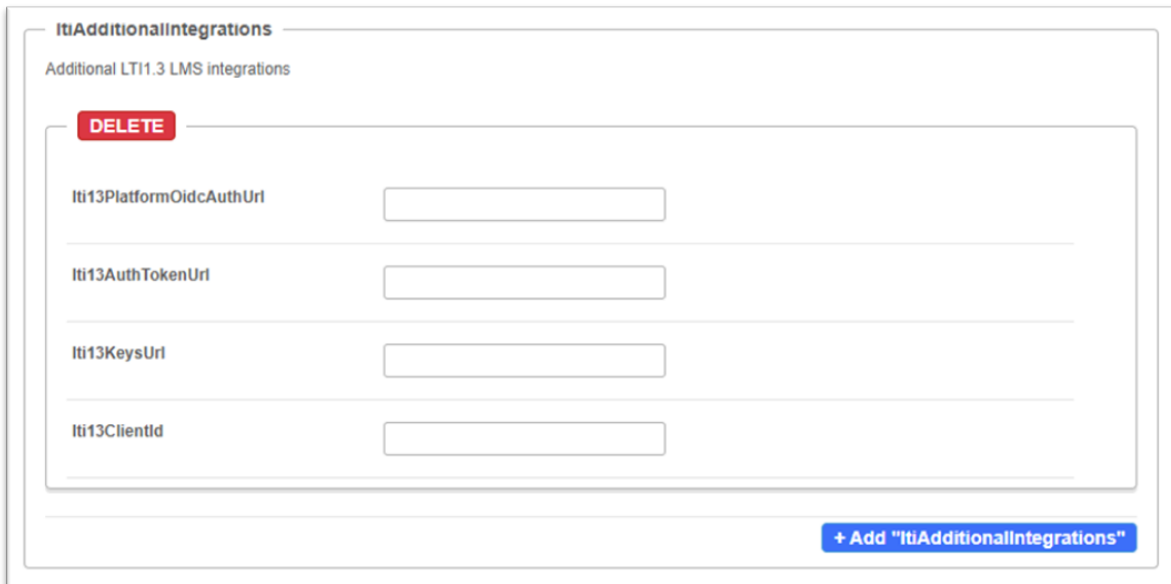
6. Scroll down to the **ItiAdditionalIntegrations** section and click on **+ Add "ItiAdditionalIntegrations"**



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`



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.

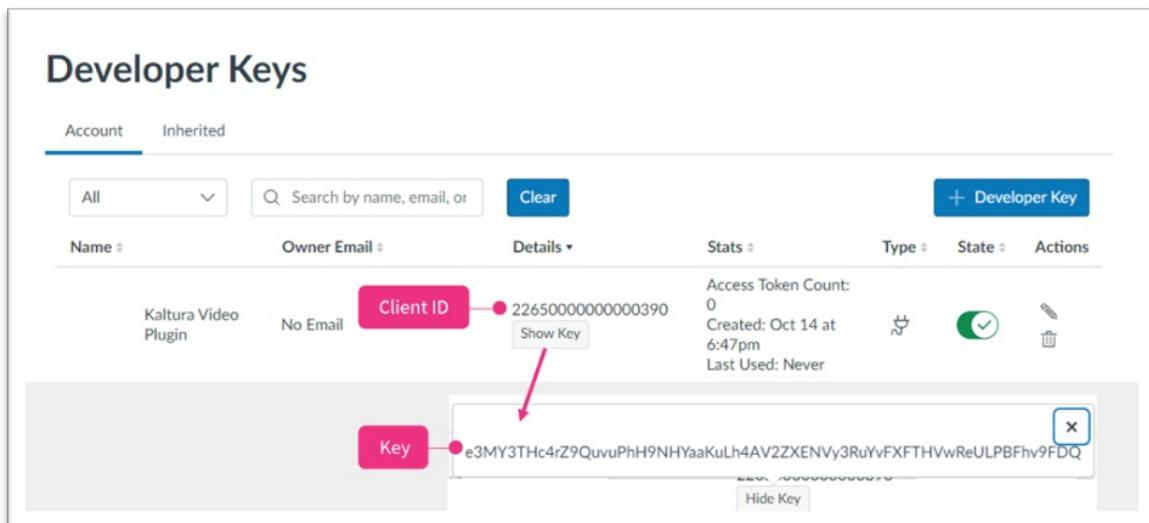
1. Log into your KAF Configuration Management page (https://{your_KAF_base_URL}/admin).
2. Navigate to the Canvas module (https://{your_KAF_base_URL}/admin/config/tab/canvas).
3. In the **useScopedKey** field, set to 'Yes'.



The screenshot shows a configuration form with three fields: **useScopedKey**, **customAppId**, and **customAppKey**. The **useScopedKey** field is a dropdown menu currently set to "Yes", with a red arrow pointing to it. To the right of this field, there is a note: "Your key should cover the scopes below: url:GET|api/v1/courses url:GET|api/v1/courses:id". The **customAppId** and **customAppKey** fields are empty text input boxes.

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.



The screenshot shows the "Developer Keys" page. At the top, there are tabs for "Account" and "Inherited", a search bar, and a "+ Developer Key" button. Below is a table of developer keys. One key is highlighted with a pink box, and its "Client ID" and "Key" are also highlighted with pink boxes. A red arrow points from the "Client ID" box to the "Show Key" button, and another red arrow points from the "Key" box to the key value in the table. The key value is a long alphanumeric string: e3MY3THc4rZ9QuvuPhH9NH9YaaKuLh4AV2ZXENVy3RuYvFXFTHVwReULPBFhv9FDQ.

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

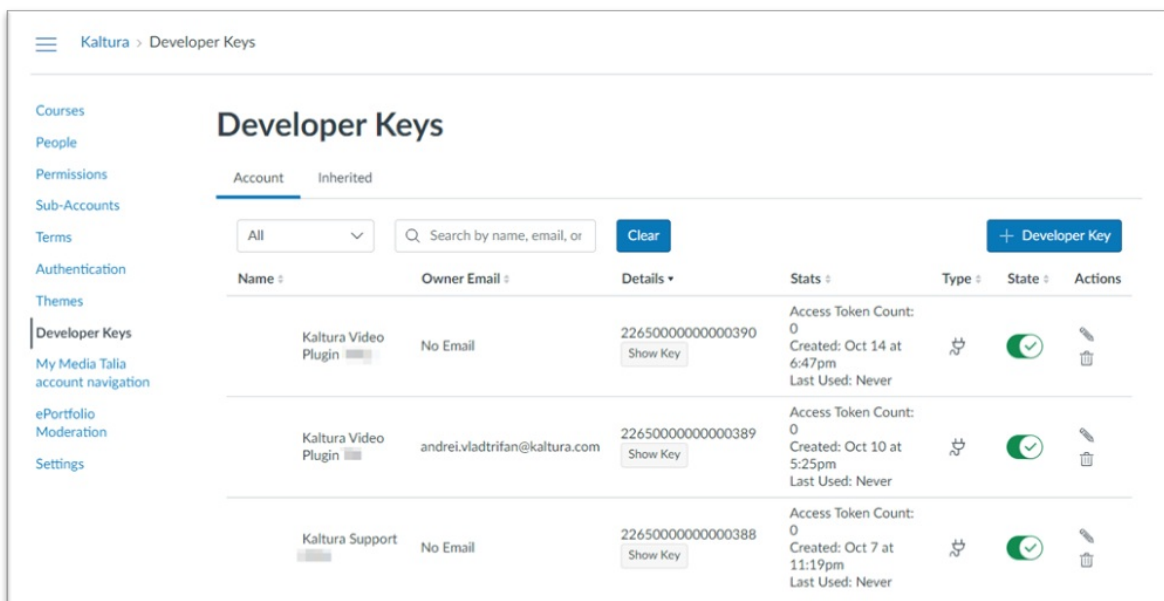
- Copy the Client ID and paste into the **customAppId** field in the Canvas module.
- Click **Show Key**, copy the key and paste it into the **customAppKey** field.



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

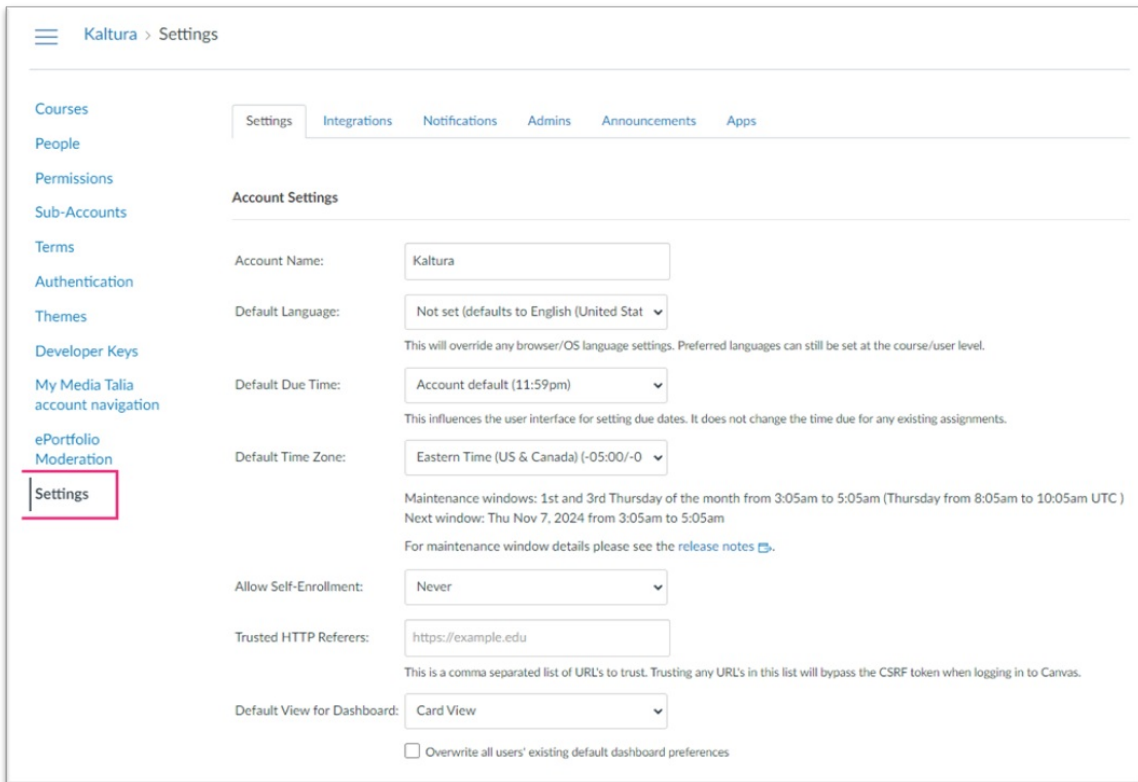
Step 11 – Add the Kaltura Apps in your Canvas Sub-Account

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



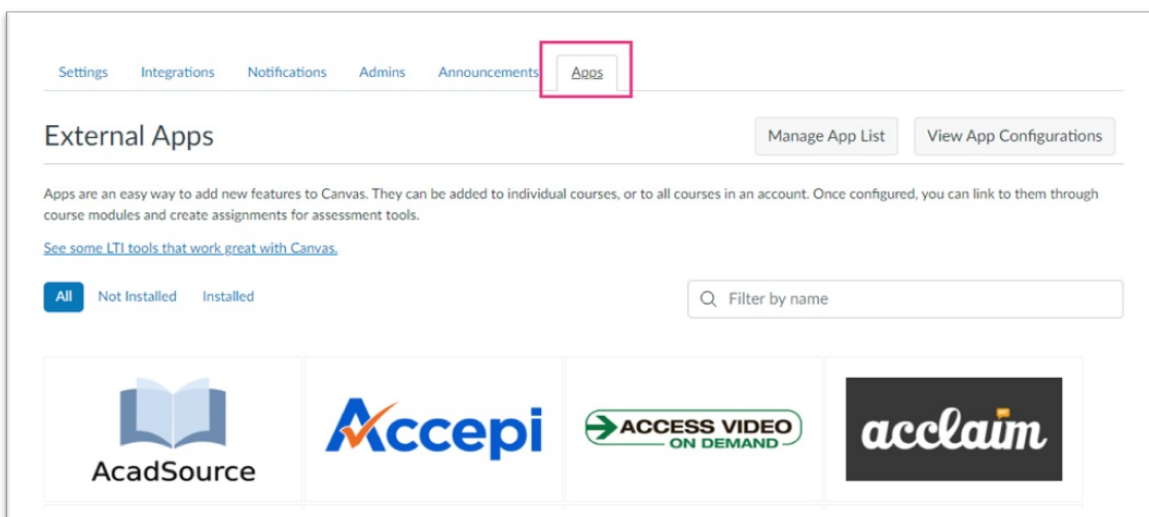
Name	Owner Email	Details	Stats	Type	State	Actions
Kaltura Video Plugin	No Email	22650000000000390 Show Key	Access Token Count: 0 Created: Oct 14 at 6:47pm Last Used: Never	25	✓	Refresh Delete
Kaltura Video Plugin	andrei.vladtrifan@kaltura.com	22650000000000389 Show Key	Access Token Count: 0 Created: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

- 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).



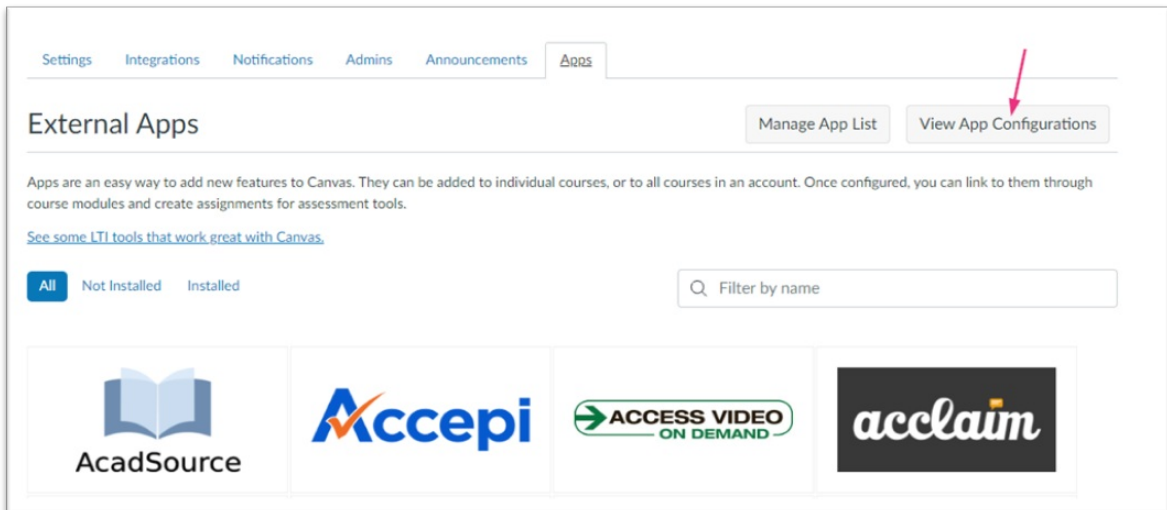
The Settings page displays.

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



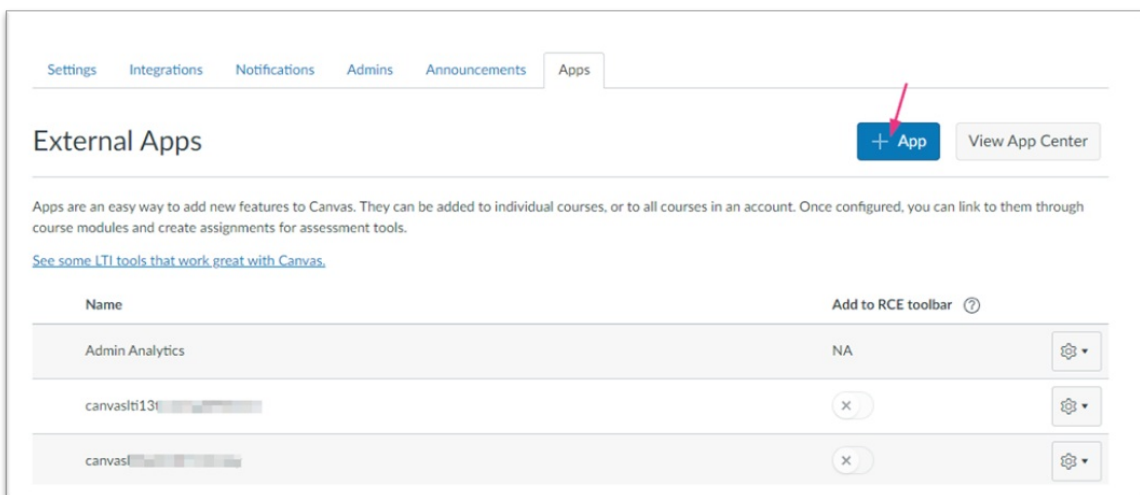
The External Apps page displays.

6. Click **View App Configurations**.

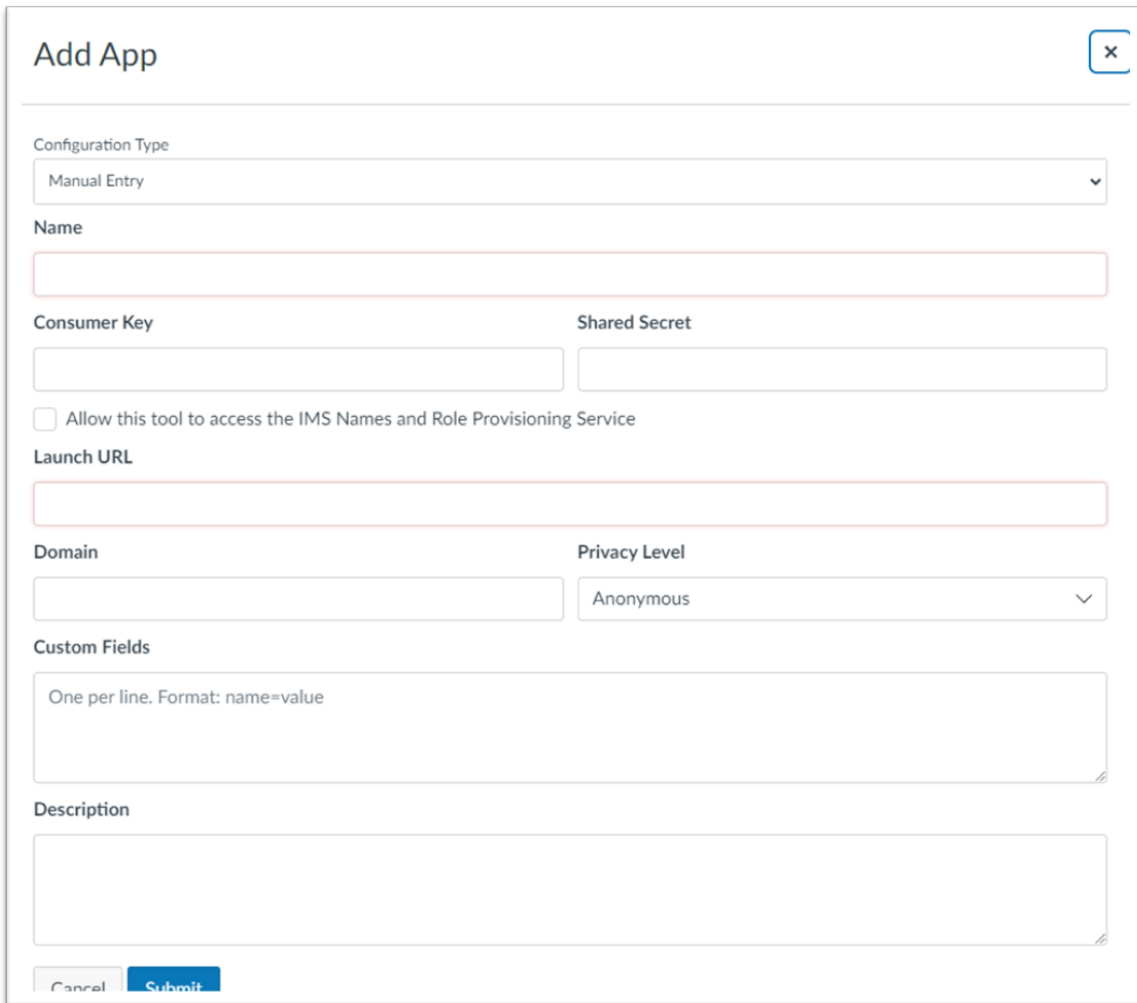


A list of apps displays.

7. Click **+App**.



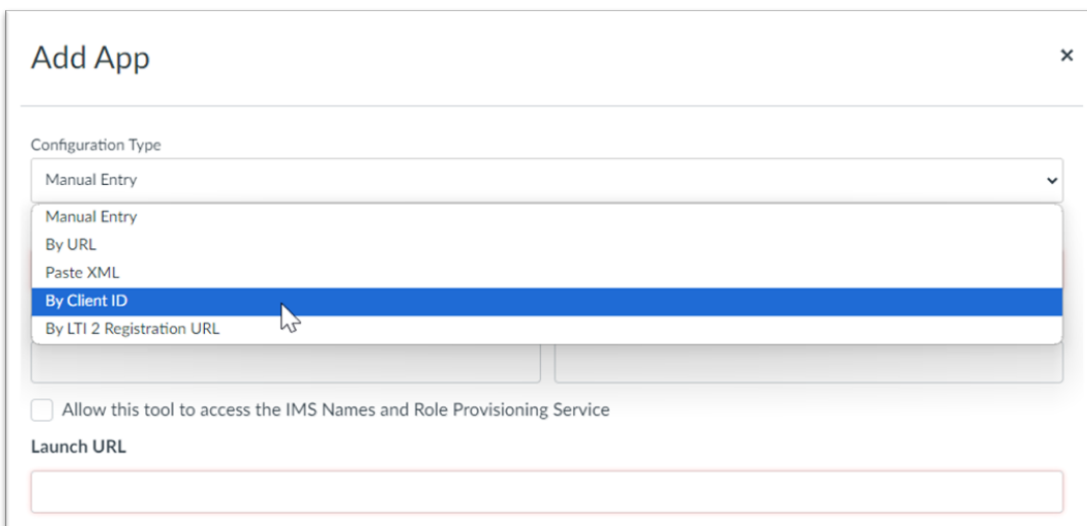
The **Add App** page displays.



The screenshot shows the 'Add App' form with the following fields and options:

- Configuration Type:** A dropdown menu with 'Manual Entry' selected.
- Name:** An empty text input field.
- Consumer Key:** An empty text input field.
- Shared Secret:** An empty text input field.
- Allow this tool to access the IMS Names and Role Provisioning Service
- Launch URL:** An empty text input field.
- Domain:** An empty text input field.
- Privacy Level:** A dropdown menu with 'Anonymous' selected.
- Custom Fields:** A text area with the placeholder text 'One per line. Format: name=value'.
- Description:** A text area.
- Buttons:** 'Cancel' and 'Submit' buttons at the bottom.

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



The screenshot shows the 'Add App' form with the 'Configuration Type' dropdown menu open. The menu options are:


- Manual Entry
- By URL
- Paste XML
- By Client ID** (highlighted in blue)
- By LTI 2 Registration URL

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**.

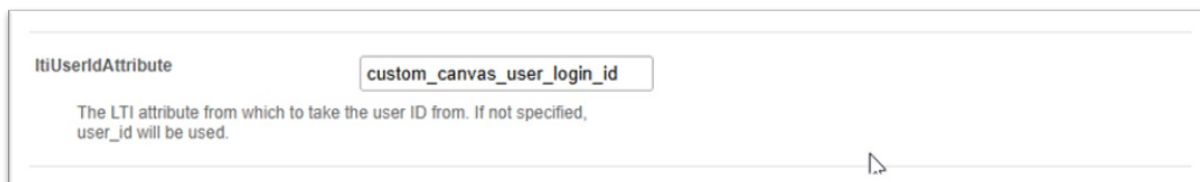
Step 12 - Configure the Kaltura User ID value

 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 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 KAF Hosted module.

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

1. Log into your KAF Configuration Management page (https://{your_KAF_base_URL}/admin).
2. Navigate to the Hosted module (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**.