New Penda Feature Release

Canvas Integration Guide by Penda Learning.
October 2023

Penda Learning supports the Canvas Learning Management System by Instructure. Specifically, Penda supports the LTI 1.3 features such as Single Sign On (SSO), Deep Links and Grade Passing.

Administrative privileges within your Canvas account are required. No knowledge of LTI or the technical concepts are required, however, it will help to know what the various terms mean.

This document uses the same terminology referenced by IMS Global for LTI. When referring to the "tool" think Penda. When referring to the "platform" think Canvas.

At the end of the integration steps, you will be required to send some information to Penda support in order to complete the process. Please follow the instructions carefully.

Please reach out if you have any questions.

Integration

1. Register a Developer Key

You will first need to create a global Developer Key for use with Penda.

Log into Canvas as an administrator and navigate to the **Developer Keys** area. To do so, click on the side menu item **Admin** (1) and follow the link **Developer Keys** (2).

Click the **Developer Key** (3) button and select **LTI Key** in the dropdown menu to open the key settings window.

Use the table below to fill in the form. Select Manual Entry for Method in the Configure section:

Field	Value
Key name	Penda Learning
Owner Email	support@pendalearning.com
Method	Enter URL
URL	https://api.pendalearning.com/lti1p3/canvas.json

In **"Method"** select option **"Enter URL"**. The form will be updated and the field JSON URL will appear. Put the address **https://api.pendalearning.com/lti1p3/canvas.json** into the field and click **Save** to upload and save current settings.

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After submitting the form you will be redirected to the developer keys list page. Ensure that the state of the key is set **ON** (1). Your key is now ready!

2. Installation of the application

Continuing from the **Developer Keys** page, we want to copy the **Client ID** (1) from the Details column.

Navigate to the **Settings** (2) page from the Admin sidebar. Then click the **Apps** (3) tab on the setting page and then click the **App** (4) button on the top right corner.
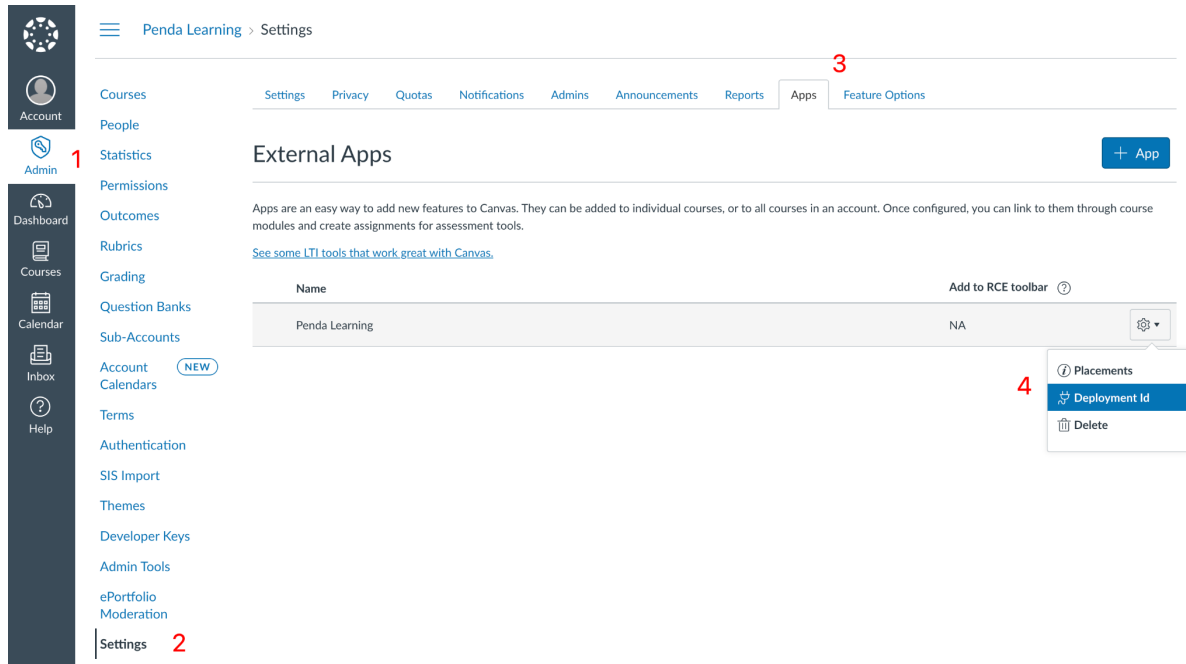
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Select **By Client ID** from dropdown labeled **Configuration Type**, and paste the Client ID you copied from the previous step into the **Client ID** field. Click the **Submit** button to install the app.

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3. Final Steps

Congratulations! You just installed the Penda App on Canvas!

The final step to complete the integration with Penda is to provide the required information to Penda Support. We need the **Client ID** and **Deployment ID** values emailed to the Penda support team at **support@pendalearning.com**.

We already know how to get the Client ID from the Deployment Keys page on Step 2, but now we need to find the Deployment ID. From the Apps page, click the gear icon for Penda Learning and then select the **Deployment ID** (4) option from the dropdown to open the deployment information window.

Copy the Deployment ID similar to the example below and send it along with the Client ID to support@pendalearning.com. Please include your district name and that this is related to the Canvas integration.