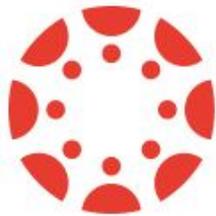


PlagScan



canvas
BY INSTRUCTURE

Manual:

PlagScan LTI2 Plugin in Canvas
for Administrators

Version: February, 2020

Table of Contents

[Phase 1: Register a PlagScan Organization Account](#)

[Phase 2: Get the LTI2 Registration URL from PlagScan](#)

[Phase 3: Installation of the PlagScan Plugin](#)

[Method 1: Installation on the Admin Level](#)

[Method 2: Installation on the Course Level](#)

[Optional Phase: LTI Role - PlagScan Group Mapping](#)

[Group settings](#)

Phase 1: Register a PlagScan Organization Account

If you have already created a PlagScan organization account, please skip this step and go directly to “[Phase 2: Get the LTI2 Registration URL](#)”.

1. Go to <https://www.plagscan.com/register#organization>, fill out the registration form and create a PlagScan administrator account for your organization.

Register now for free

Name of Organization

Your organization type

- School
- University
- Business
- Other

First name (optional)

Last name (optional)

Email address 

Create a password 

[Terms](#) read & accepted

Continue

[Register as a single user >](#)

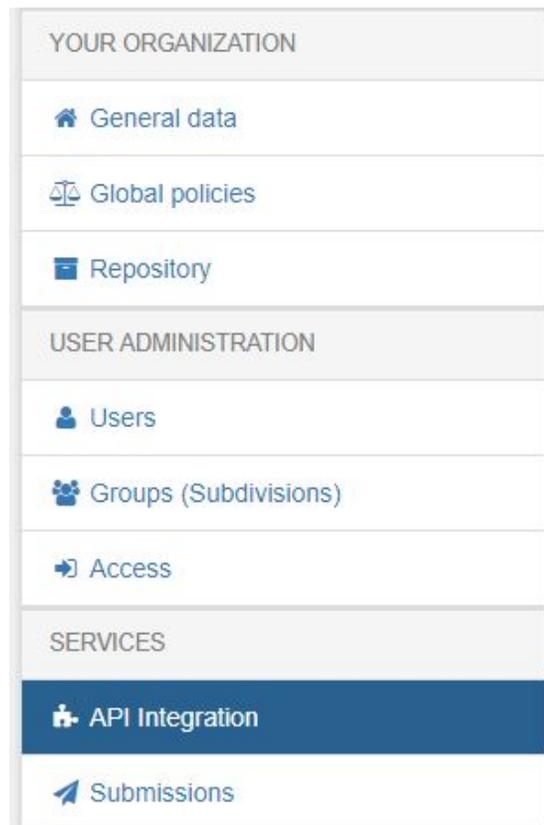
Phase 2: Get the LTI2 Registration URL from PlagScan

NOTE: You may find a PlagScan plugin via the Canvas App Center. Please refrain from using the App Center version, for the time being, since it is an outdated version of our plugin. To install the most current version of the PlagScan plugin, please continue reading and follow the instructions for the LTI integration.

1. In order to use the PlagScan plugin, it is necessary to generate an API Key. Please log in to your PlagScan account (which you created in [Phase 1](#)) and select **“Administration”** in the upper right corner, or go directly there by logging in on the following site: <http://www.plagscan.com/admin>

Documents Administration Settings Logout

2. On the left hand side select **“API Integration”**.



3. Now you are on the PlagScan API integration page.
4. Click on the button “**Generate API Key**” to receive a personal API Key for your PlagScan account.

API Integration

Please consult the [PlagScan API specification](#) first for details on plagiarism check integration into third party software!

Customer number:

Client ID

API Key: RKCqheWLEaz6b5qbFZYGbfqPyCUtkoAv

Callback URL:

IP/CIDR Range:

Internal Link URL:

[Undo changes](#)

5. On the right hand side you will see a box containing the Canvas logo. There you can find the “**Canvas Registration URL**” containing everything you will need to set up the PlagScan integration inside Canvas, including your Client ID and the API Key

canvas Canvas Learning Management System (LMS)

To add plagiarism checking to a Learning Management System with LTI support [Learn More](#)

Canvas Registration URL:

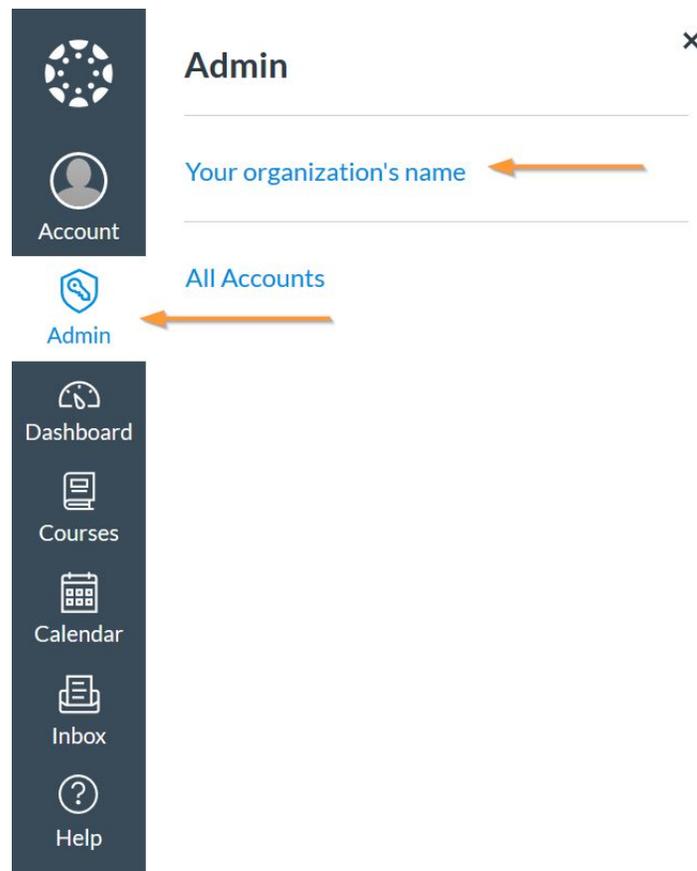
6. Copy your personal full “**Canvas Registration URL**” for later use.

Phase 3: Installation of the PlagScan Plugin

Inside Canvas you have the option to **install the PlagScan plugin on the admin level for every course** (continue with “[Method 1: Installation on the Admin Level](#)”). Alternatively you can **install the PlagScan plugin on a course level individually for certain courses** (jump to “[Method 2: Installation on the Course Level](#)”).

Method 1: Installation on the Admin Level

1. Navigate to the Canvas website <https://canvas.instructure.com/> and log in with your Canvas administrator account.
2. Click the “**Admin**” button on the left hand side menu and then select the account you want to activate the plugin for.



3. In the “Admin” menu select the “Settings” and choose the “Apps” section.

Settings

Account

Admin

Dashboard

Courses

Calendar

Inbox

Help

Settings

Settings Quotas Notifications Admins Announcements Reports Apps Feature Options

Account Settings

Account Name:

Default Language:

This will override any browser/OS language settings. Preferred languages can still be set at the course/user level.

Default Time Zone:

Allow Self-Enrollment:

Login Label:

Trusted HTTP Referers:

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.

4. Within the “Apps” section now click the “View App Configurations”.

> Settings

Account

Admin

Dashboard

Courses

Settings

Settings Quotas Notifications Admins Announcements Reports Apps Feature Options

External Apps

Manage App List View App Configurations

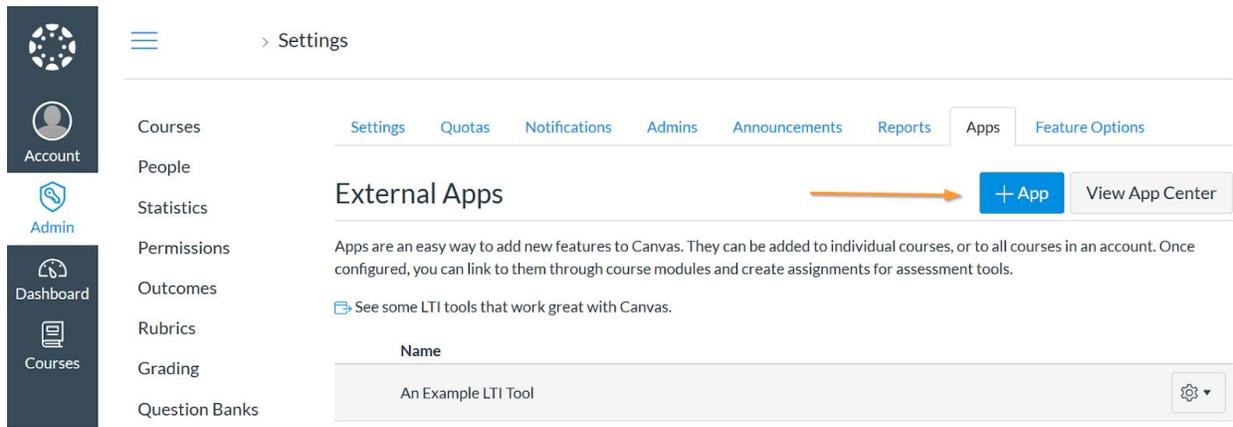
Apps are an easy way to add new features to Canvas. They can be added to individual courses, or to all courses in an account. Once configured, you can link to them through course modules and create assignments for assessment tools.

See some LTI tools that work great with Canvas.

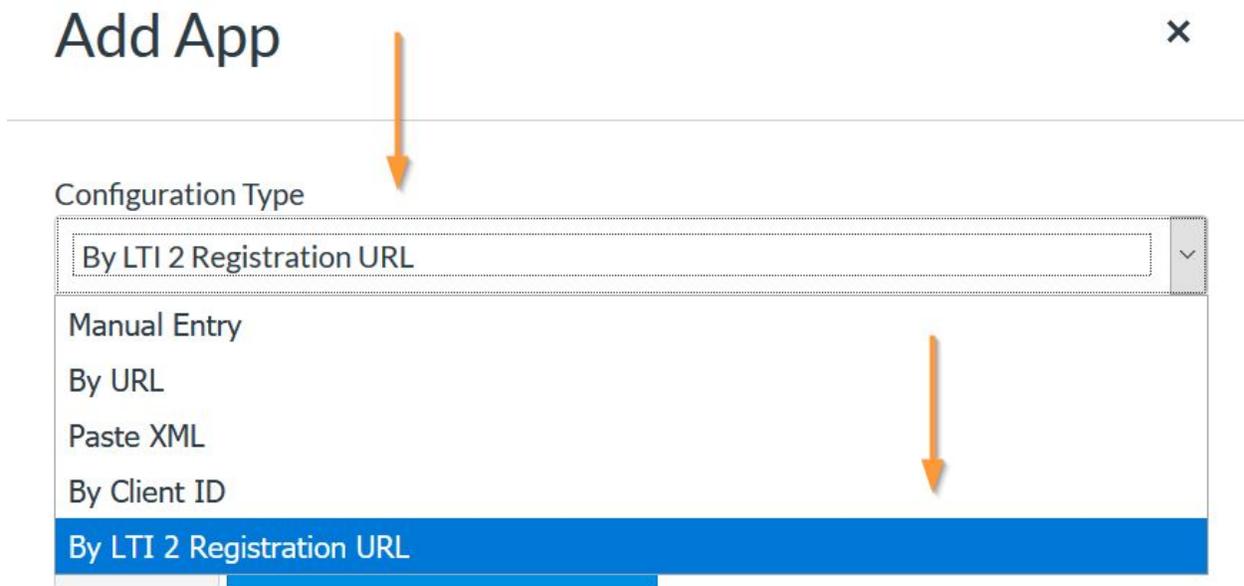
All Not Installed Installed

Filter by name

5. Now click the “+ App” button and a new “Add App” window will appear.



6. In the new window “Add App” please select “By LTI 2 Reigstration URL” as “Configuration Type”.



7. In the field “**Registration URL**” please enter your “**Canvas Registration URL**” you previously created in [Phase 2: Get the LTI2 Registration URL from PlagScan](#) and click the button “**Launch Registration Tool**”.

Add App



Configuration Type

By LTI 2 Registration URL

Registration URL

`https://www.plagscan.com/lti2/register?clientid=000000&apikey=RKCqheWLEaz6b5qbFZYGbfqPyCUtkoAv`

Example: `https://lti-tool-provider-example.herokuapp.com/register`

Cancel

Launch Registration Tool



8. If the installation is successful, the window will update accordingly and you will be asked to enable the plugin by clicking on the “**Enable**” button.

Add App



Plagscan LTI v2 has been successfully installed but has not yet been enabled.

Would you like to enable this app?

Delete

Enable



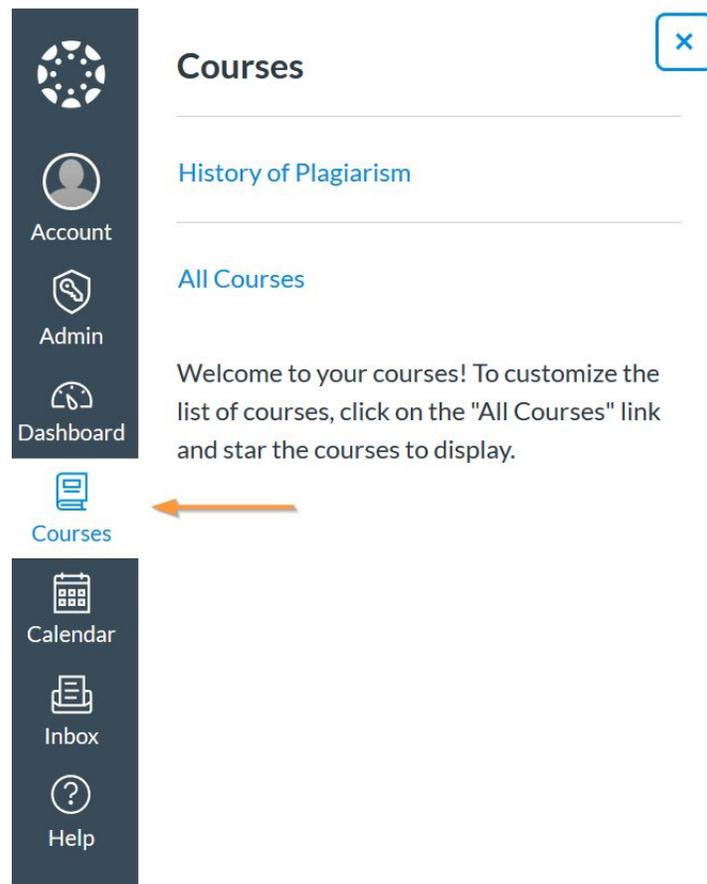
9. After enabling the PlagScan plugin, you will receive the notification “**The app was added**” and it will show up in your “App Configurations” among your “External Apps”.

The screenshot shows the Canvas Admin interface. On the left is a dark sidebar with navigation icons for Account, Admin, Dashboard, Courses, Calendar, Inbox, and Help. The 'Settings' option is highlighted in blue. The main content area is titled '> Settings' and has a sub-header 'External Apps'. Below this, there are tabs for 'Settings', 'Quotas', 'Notifications', 'Admins', 'Announcements', 'Reports', 'Apps', and 'Feature Options'. The 'Apps' tab is active. A '+ App' button and a 'View App Center' button are visible. A text block explains that apps are used to add new features to Canvas. Below this, a list of LTI tools is shown. The 'Plagscan LTI v2' entry is highlighted with an orange arrow pointing to it from the left. Each entry in the list has a gear icon and a dropdown arrow on the right side.

10. **Congratulations!** You have successfully installed the PlagScan plugin in Canvas on the Admin level for all your Courses.

Method 2: Installation on the Course Level

1. Navigate to the Canvas website <https://canvas.instructure.com/> and log in with your Canvas administrator account.
2. Click the “**Courses**” button on the left hand side menu and then select the course you want to activate the plugin for.



3. In the “Courses” menu select the “**Settings**” and choose the “**Apps**” section.

History > Settings

Home Course Details Sections Navigation **Apps** Feature Options

Announcements Course is Unpublished ⓘ

Assignments

Course Details

Name: History of Plagiarism

Course Code: History

Blueprint Course: Enable course as a Blueprint Course

Time Zone: Mountain Time (US & Canada) ▾

SIS ID:

Subaccount: Manually-Created Courses ▾

Term: Default Term ▾

Changing course dates may override term availability settings and placement in the Courses page and Dashboard. Please confirm term dates before modifying course dates.

Starts:

Ends:

Collaborations

Settings

4. Within the “Apps” section now click the “**View App Configurations**”.

History > Settings

Home Course Details Sections Navigation **Apps** Feature Options

External Apps

[View App Configurations](#)

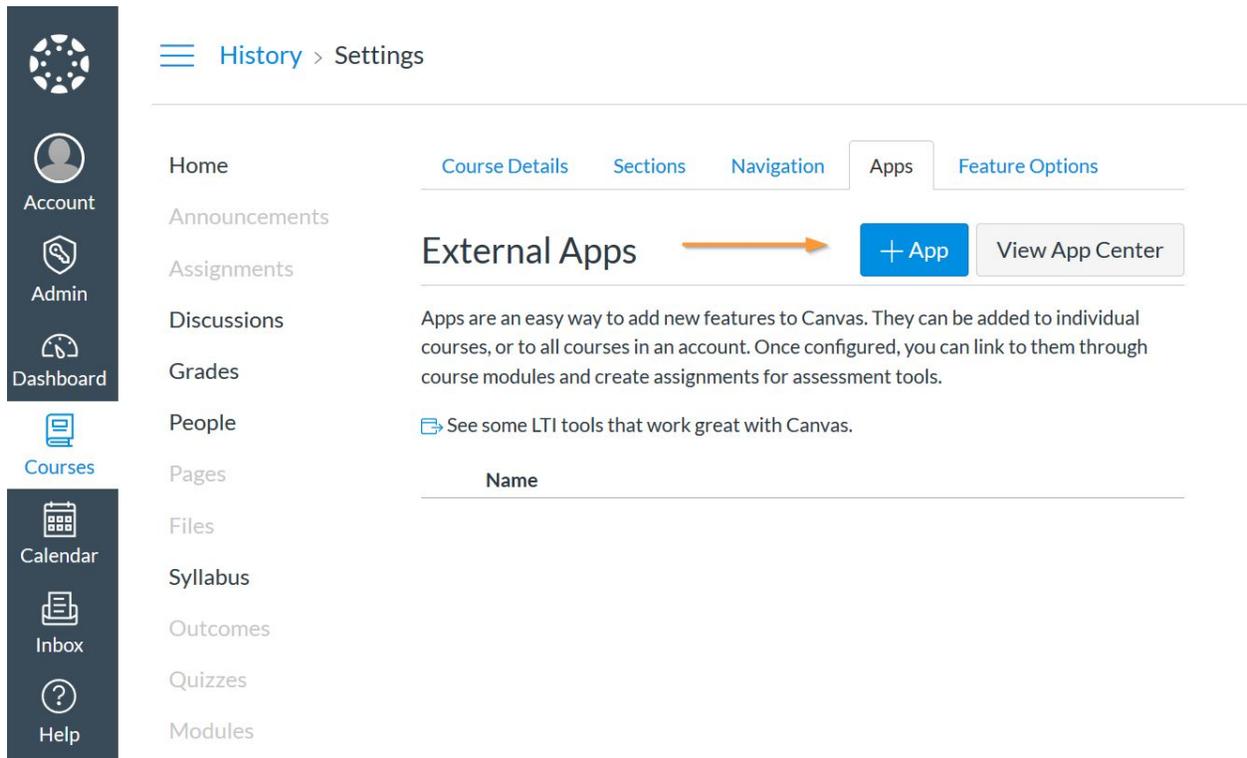
Apps are an easy way to add new features to Canvas. They can be added to individual courses, or to all courses in an account. Once configured, you can link to them through course modules and create assignments for assessment tools.

See some LTI tools that work great with Canvas.

All Not Installed Installed

Filter by name

- Now click the “+ App” button and a new “Add App” window will appear.



- In the new window “Add App” please select “By LTI 2 Reigstration URL” as “Configuration Type”.



7. In the field “**Registration URL**” please enter your “**Canvas Registration URL**” you previously created in [Phase 2: Get the LTI2 Registration URL from PlagScan](#) and click the button “**Launch Registration Tool**”.

Add App



Configuration Type

By LTI 2 Registration URL

Registration URL

`https://www.plagscan.com/lti2/register?clientid=000000&apikey=RKCqheWLEaz6b5qbFZYGbfqPyCUtkoAv`

Example: `https://lti-tool-provider-example.herokuapp.com/register`

Cancel

Launch Registration Tool



8. If the installation is successful, the window will update accordingly and you will be asked to enable the plugin by clicking on the “**Enable**” button.

Add App



Plagscan LTI v2 has been successfully installed but has not yet been enabled.

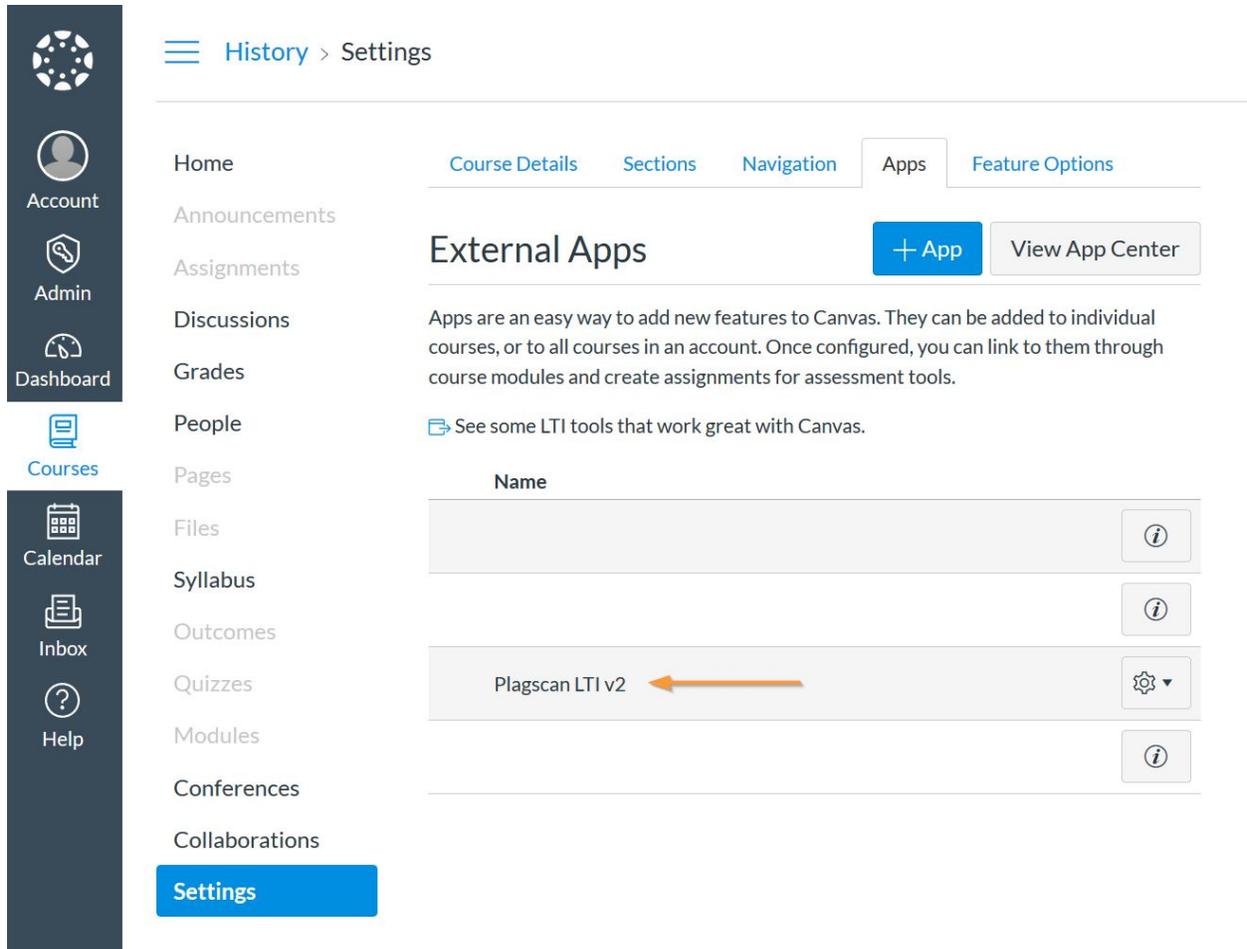
Would you like to enable this app?

Delete

Enable



- After enabling the PlagScan plugin, you will receive the notification “**The app was added**” and it will show up in your “App Configurations” among your “External Apps”.



The screenshot shows the Canvas LMS interface. On the left is a dark sidebar with navigation icons and labels: Home, Account, Admin, Dashboard, Courses, Calendar, Inbox, and Help. The main content area is titled 'History > Settings' and has tabs for 'Course Details', 'Sections', 'Navigation', 'Apps', and 'Feature Options'. The 'Apps' tab is active, showing the 'External Apps' section. Below the title are buttons for '+ App' and 'View App Center'. A text block explains that apps are used to add new features to Canvas. Below this is a link to 'See some LTI tools that work great with Canvas.' A table lists installed external apps with columns for 'Name' and actions. The 'Plagscan LTI v2' app is highlighted with an orange arrow pointing to its name. Other apps listed include 'Files', 'Syllabus', 'Outcomes', 'Quizzes', 'Modules', 'Conferences', and 'Collaborations', each with an information icon.

- Congratulations!** You have successfully installed the PlagScan plugin in Canvas for a specific Course.

Optional Phase: LTI Role - PlagScan Group Mapping

LTI provides a wide range of roles to assign to LMS users: Instructor, Administrator, Teaching Assistant, Student, Learner, and more. With PlagScan you are able to emulate these roles through what we call **Groups**.

Each role you want to add corresponds to a group within PlagScan, to which you can add different permissions.

1. To create a group first navigate to the group settings on the PlagScan website <https://www.plagscan.com/depts> and log in with your PlagScan account.
2. The group settings page will show the list of groups you previously created or were created by default. To create a new group click on the **“Add group”** button.

The screenshot displays the PlagScan PRO interface for managing groups. The top navigation bar includes 'Documents', 'Administration', 'Settings', and 'Logout'. The main content area is titled 'Groups (Subdivisions)' and features a table with the following data:

Group Name	Group Admin	No. of users	used	Guest account
Gast	-	0	-	Yes

Below the table is a link: 'Create a registration link for a group'. To the right, a callout box states: 'You can set up groups with individual sub-administrators who are able to add/remove users.' Below this callout is a blue button labeled 'Add group', which is pointed to by an orange arrow.

3. A new window will appear. Here you can create a group, give it a name, a description, set global policies for this group and give different permissions.

Add group ✕

To create a group simply enter its name and choose the administrative user.
 Please note: Only already created users can be chosen as admin of a group and only for one group. As administrator of the organization you cannot be group administrator.

Group Name:

Description (optional):

Group Admin (optional):

Global policies:

Contribute to repository
 Organization-wide free access

Copy settings from (optional):

Policies		Default
Guest account		No
Usage limit		unlimited
Allocated PPs		1000

Settings		
	Rights	Default
Language		English

4. After finishing the group configuration, click on the **“Create group”** button in the lower right corner to complete the process and create the group.
5. Now navigate to the PlagScan Access website <https://www.plagscan.com/access>.

- In the “**Administration of organization roles**” section you can see your previously defined configuration for the roles.
- Within the option “**Integration standard**” select “**LTI (Learning Tools Interoperability)**”, so we can select later from standard LTI roles.

Administration of organization roles

Here you can define the configuration of roles within your organization

Integration standard

LTI (Learning Tools Interoperability) ▼

Role <i>i</i>	PlagScan group <i>i</i>
Default mapping	Do not assign to any group ▼ <i>i</i>
Select role ▼	Do not assign to any group ▼ ✕

+ Add more roles

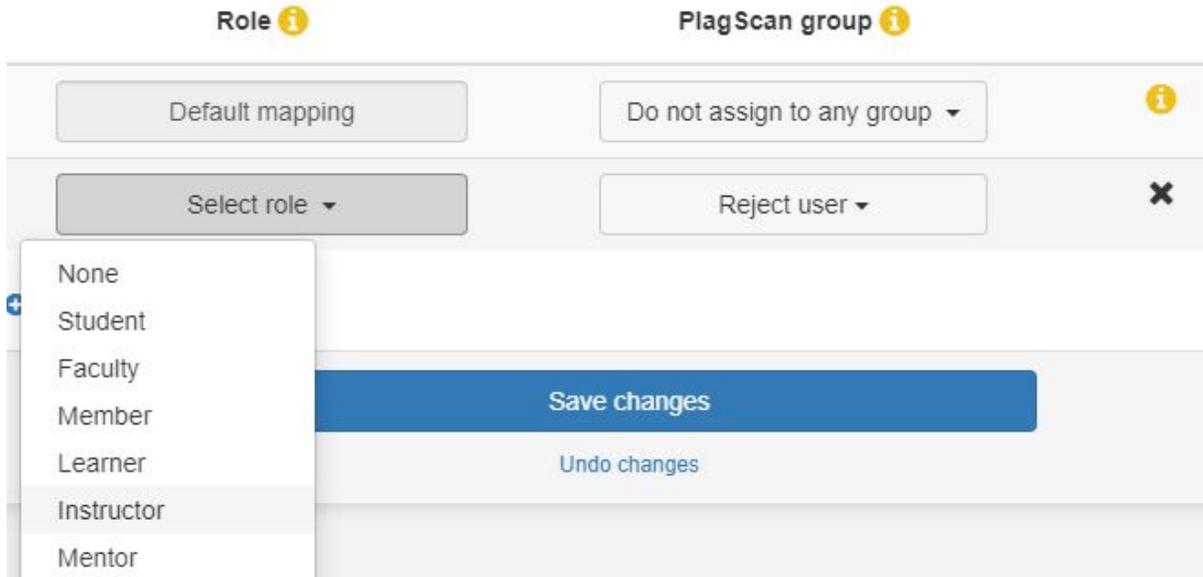
Save changes

Undo changes

- In the table “**Role - PlagScan group**” you can add LTI roles and assign a group from your PlagScan organization.

Role <i>i</i>	PlagScan group <i>i</i>
Default mapping	Do not assign to any group ▼ <i>i</i>
Select role ▼	Do not assign to any group ▼ ✕

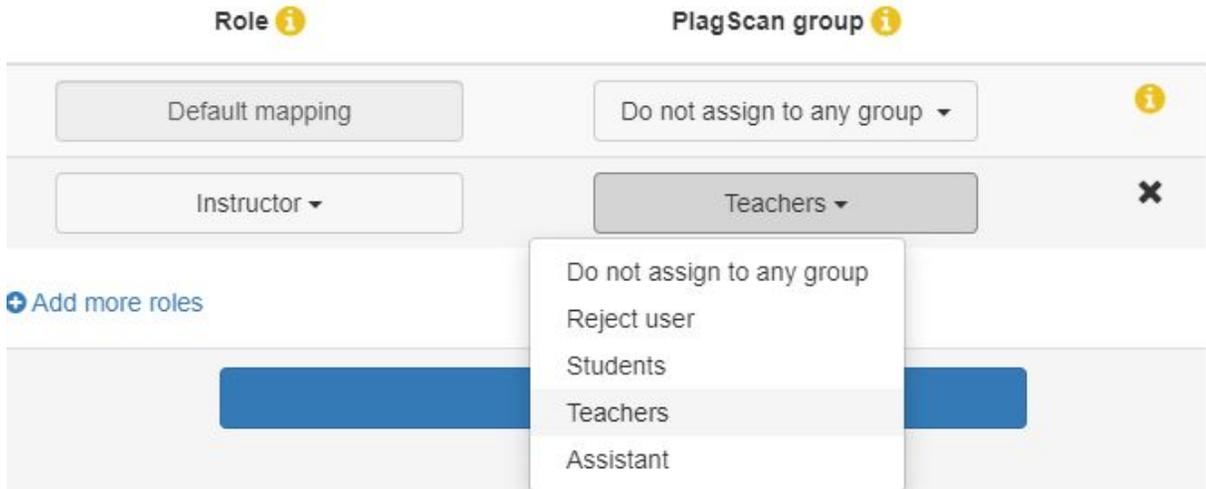
- To select a LTI role click on “**Select role**” in the „Role“ column



The list of the standard LTI roles is the following:

- None
- Student
- Faculty
- Member
- Learner
- Instructor
- Mentor
- Staff
- Alumni
- ProspectiveStudent
- Guest
- Other
- Administrator
- Observer
- TeachingAssistant

10. To assign the selected LTI role to a PlagScan group click on the drop-down button of the "PlagScan group" column of the row you want to configure. Now you can select a previously created PlagScan group (see steps 1 - 4) and assign it to a LTI role



11. Click on “**Add more roles**” if you want to add more roles to be mapped.
12. When you are done, press the “**Save changes**” button to complete the process and set the roles mapping.

The PlagScan plugin will automatically take care of assigning the matching groups depending on the role of the user inside the LMS. Be aware that this matching will happen when the user is linked and created for the first time in PlagScan (this means, when the user uses the plugin for the first time).

Group settings

Group name	Name of the group
Description	Text to describe the group. This parameter is optional.
Group admin	It is possible to select a user as the group admin. This parameter is optional.
Global Policies	<ul style="list-style-type: none">● Contribute to repository: Select if the users of the group will be allowed to move documents into the organization repository.● Organization-wide free access: The full text of the matched document is immediately available to all users from this group.
Copy settings from	It is possible to copy the settings from another group previously created/configured.
Policies	<ul style="list-style-type: none">● Guest account: Select if the users from this group will be identified as guests.● Usage limit: Set individual limits for user's credit that belong to this group.● Allocated PPs: if a usage limit has been set for a group, the users can only run checks up to the number of PlagPoints allocated to them.
Settings	<ul style="list-style-type: none">● Language: the preferred language of the group users.● User interface: Select if the user interface is displayed in a simplified version or, for experienced users, in an extended version with all details for the users of the group. (THIS SETTING DOES NOT AFFECT LTI PLUGIN USERS.)● Assignment Submissions Style: Select if the group users want to use a new user interface for creating assignments. (THIS SETTING DOES NOT AFFECT LTI PLUGIN USERS.)● Filter short matches (words): Matches with other documents found during the plagiarism check, which are shorter than the value selected here, will be ignored. That means, they will not be included in the PlagLevel and will not be highlighted in the report. To show such matches later, choose the option 'Restore all Sources and Matches' in the

- plagiarism report.
- **Filter short matches (characters):** Matches with other documents found during the plagiarism check, which are shorter than the value selected here, will be ignored. That means, they will not be included in the PlagLevel and will not be highlighted in the report. To show such matches later, choose the option 'Restore all Sources and Matches' in the plagiarism report.
 - **Autostart checks:** The starting policy for your new documents:
 - No, let me start checks manually Nothing happens after you have uploaded a file unless you manually initiate a plagiarism check.
 - Yes, check after uploads complete A short time after documents are uploaded they are automatically checked for plagiarism. Especially useful with automatic email notifications (option below), as your browser does not have to remain open.

(THIS SETTING DOES NOT AFFECT LTI2 PLUGIN USERS.)

- **Yellow PlagLevel from:** If the percentage of matches found is larger than the value set here the PlagLevel is highlighted in yellow.
- **Red PlagLevel from:** If the percentage of matches found is larger than the value set here the PlagLevel is highlighted in red.
- **Email policy:** The contact policy for your new plagiarism reports (please make sure, that mail from report@plagscan.com does not hit your spam folder):
 - Do not mail any reports.
 - Mail reports always after check All reports will be mailed immediately after analysis.
 - Mail reports when level is red (>5%) Only reports that show an elevated (red) plagiarism level will be mailed to you.
 - Send notification mail only.
- **Docx option:** For Word docx type documents suspicious passages can be highlighted directly in the original document. Other formats are:
 - Generate and email Word docx files: Highlighting is added to the Word docx document and the result is mailed together with the report (if email policy is activated).
 - Only generate Word docx files: A Word docx document with highlighting is generated but not

mailed. You can download it from PlagScan. (Note: Generated Word docx files are removed after seven days.)

- Do not generate Word docx files: Here only the plain text is extracted and can be checked, but images etc. are lost. However, processing is much faster.
- **Preferred report type:** The preferred report type is used when you click on the result.
- **Sensitivity:** Sensitivity regulates when PlagScan will report potential plagiarism. With high sensitivity text matches are reported even if they are short, as this could indicate plagiarism. On the other hand a figure of speech which is accidentally part of both texts could be reported as plagiarism. With low sensitivity you will receive fewer reported matches in turn, but these will most likely not be coincidental. Depending on your requirements you can set:
 - Low: only report longer matches
 - Medium: balanced approach (recommended)
 - High: report many, even short matches
- **Bibliography:** PlagScan can automatically detect the bibliography and exclude it from the plagiarism check. If set, no matches with other texts are shown within the bibliography.
- **Citation detection:** PlagScan can detect quotations automatically, if individual sentences in your search text are in quotation marks. In many cases corresponding matches are simply from the cited source, accordingly not plagiarism relevant. Depending on your requirements you can set:
 - No detection: Treat quotations just like the other text, so report as potential plagiarism
 - Highlighting only: Matches in quotations are highlighted in a special color, the PlagLevel however contains this match as if it were plagiarism
 - Reduce PlagLevel: Matches are highlighted in a special color and they are excluded from the PlagLevel, just like they were not plagiarism
- **Archiving Policy:** When, if at all, should data (documents and reports) be archived
 - Archive data after 1 week: Move to the organization repository data one week after upload.
 - Archive data after 3 months: Move to the organization repository data 90 days after upload.
 - Archive data after 6 months: Move to the organization repository data 180 days after upload.
 - Never archive data: Keep data forever unless manually deleted or moved to the organization

repository. (This option only works after you have bought the Power User package or when you are affiliated with a subscribing organization!)

- **Compare with web sources:** Your documents are checked against internet source.
- **Check against my documents:** Your documents are checked against your previously uploaded documents.
- **Check against my documents in the organization repository:** Your documents are checked against your documents stored in the organization repository.
- **Check against organization repository:** Your documents are checked against all documents stored in the organization repository.
- **Check against the Plagiarism Prevention Pool:** Your documents are checked against other documents from the Plagiarism Prevention Pool, which stores files from different universities, schools and journals

We are looking forward to receiving your feedback at pro@plagscan.com. If anything is missing in this tutorial on how to get started with the PlagScan plugin for Canvas, do not hesitate to contact us. We always strive to improve our service and appreciate your help!

Thanks,
Your PlagScan-Team