

PlagScan



canvas
BY INSTRUCTURE

Manual:

PlagScan LTI2 Plugin in Canvas
for Administrators

Version: February, 2020

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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 >](#)

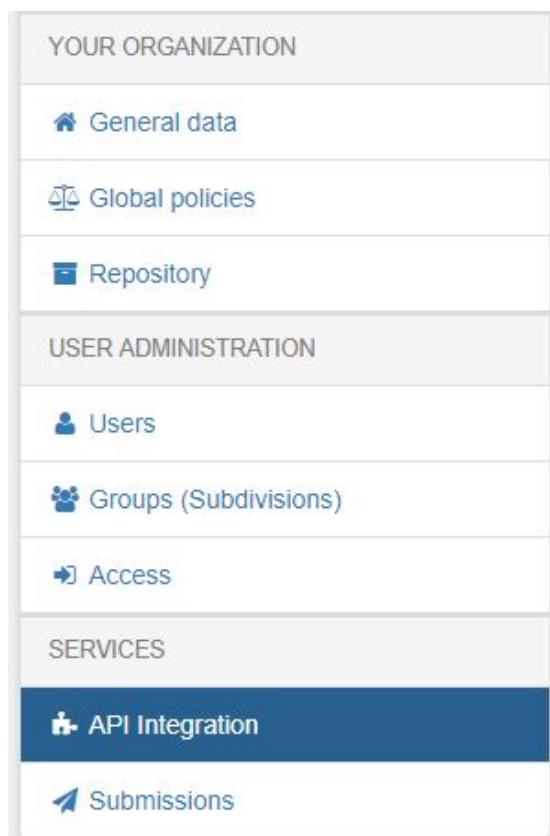
Phase 2: Get the LTI2 Registration URL from PlagScan

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 Please refrain from using the App Center version, for the time being, since it is an outdated version of our plugin.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.

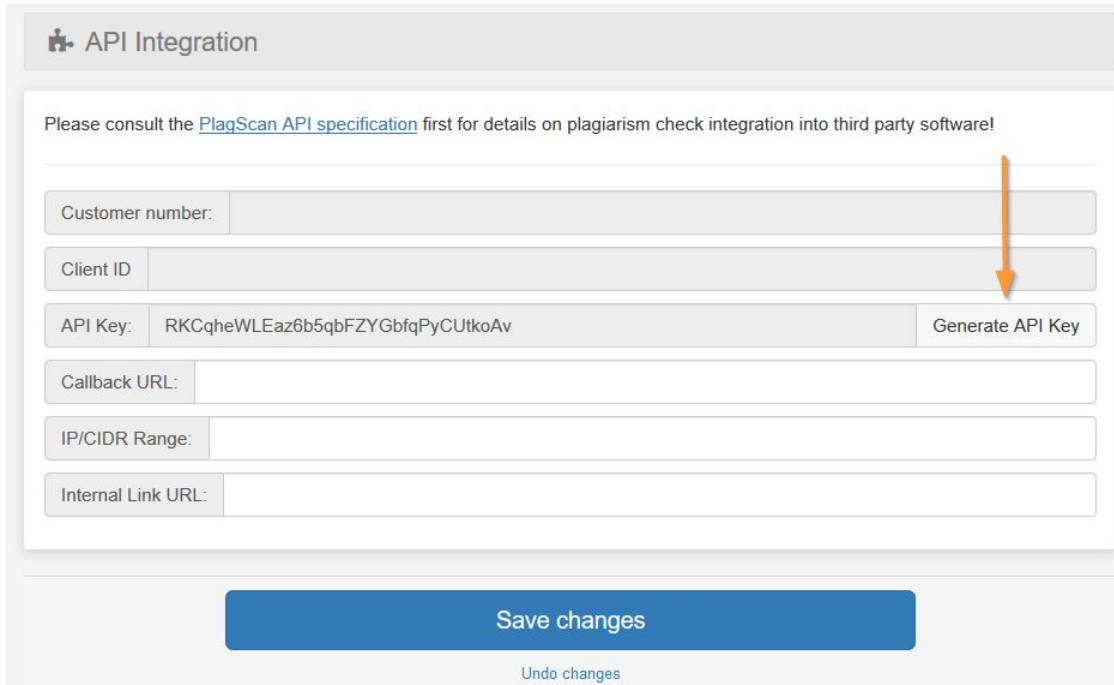
1. In order to use the PlagScan plugin, it is necessary to generate an API Key. Please log in to your PlagScan account (which you created in [Phase 1](#)) and select **“Administration”** in the upper right corner, or go directly there by logging in on the following site: <http://www.plagscan.com/admin>

Documents Administration Settings Logout

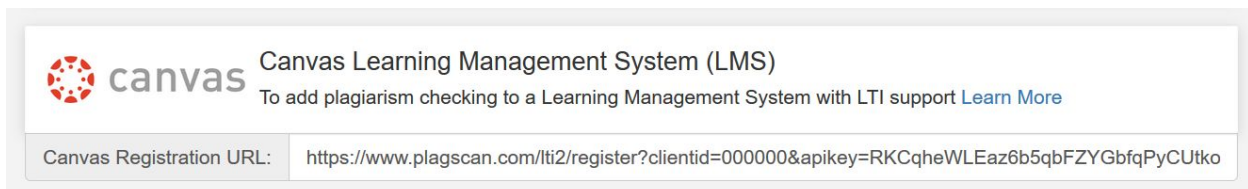
2. On the left hand side select **“API Integration”**.



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



- 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



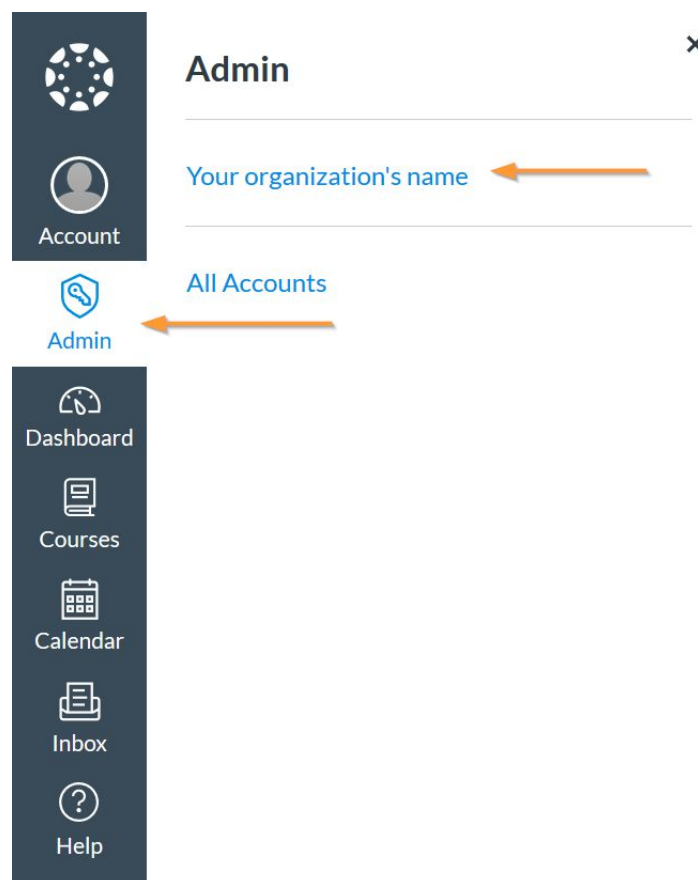
- Copy your personal full “**Canvas Registration URL**” for later use.

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

Courses

People

Statistics

Permissions

Outcomes

Rubrics

Grading

Question Banks

Sub-Accounts

Terms

Authentication

Themes

Admin Tools

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

Courses

People

Statistics

Permissions

Outcomes

Rubrics

Grading

Settings Quotas Notifications Admins Announcements Reports **Apps** Feature Options

External Apps

Manage App List View App Configurations

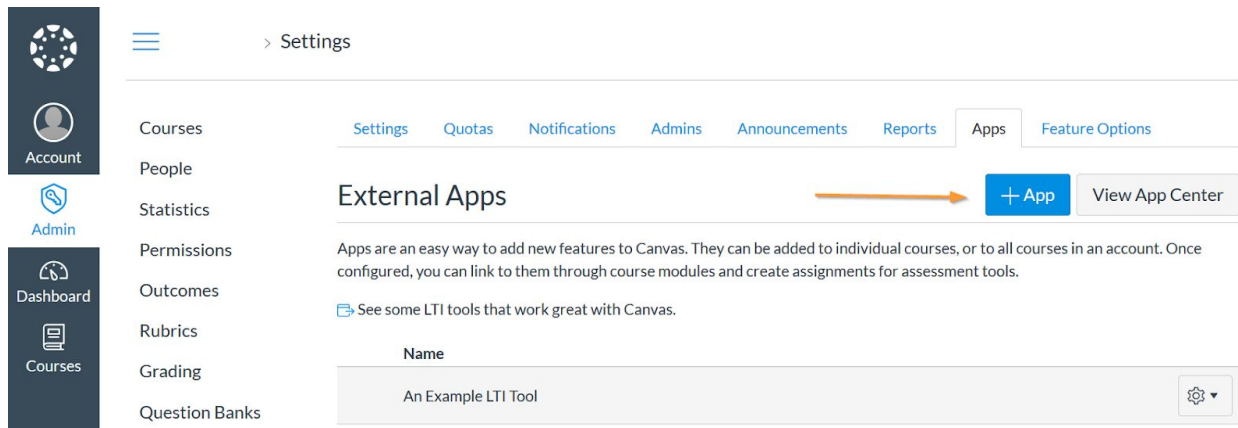
Apps are an easy way to add new features to Canvas. They can be added to individual courses, or to all courses in an account. Once configured, you can link to them through course modules and create assignments for assessment tools.

See some LTI tools that work great with Canvas.

All Not Installed Installed

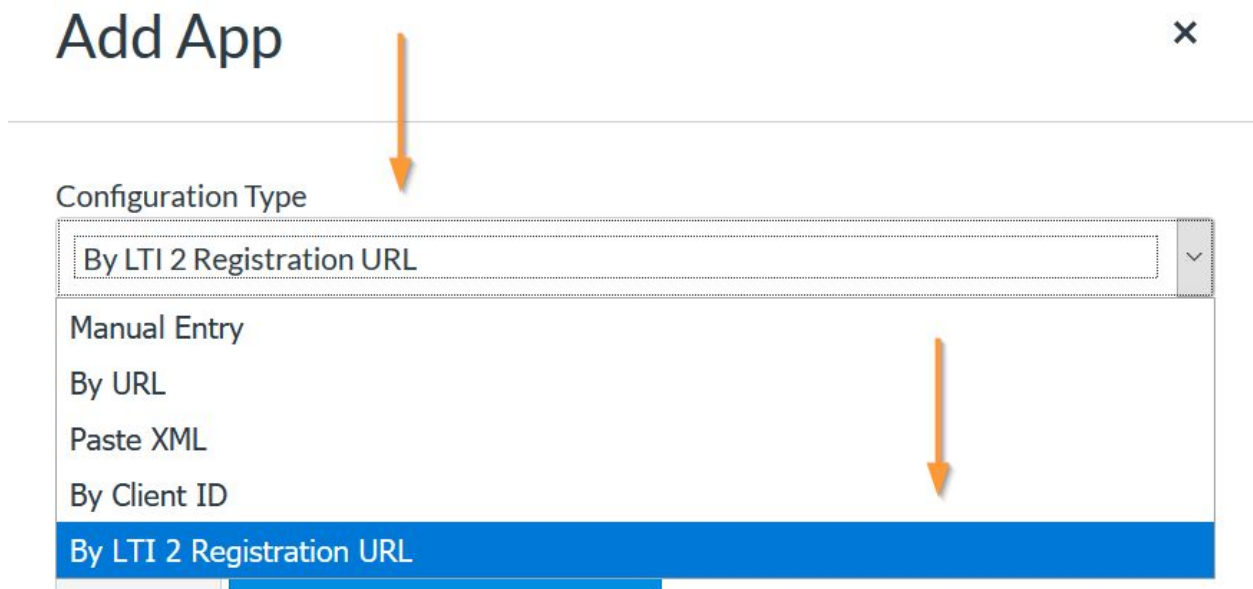
Filter by name

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



The screenshot shows the Canvas Admin interface. On the left is a sidebar with navigation links: Account, Admin, Dashboard, and Courses. The main content area is titled 'Settings' and contains a sub-menu with 'Settings', 'Quotas', 'Notifications', 'Admins', 'Announcements', 'Reports', 'Apps', and 'Feature Options'. The 'Apps' tab is selected, showing the 'External Apps' section. An orange arrow points to the '+ App' button. Below the button, there is a table with one row: 'An Example LTI Tool'.

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



The screenshot shows the 'Add App' window. The title bar says 'Add App' with a close button. Below the title bar, there is a 'Configuration Type' dropdown menu. An orange arrow points to the dropdown. The dropdown is open, showing several options: 'By LTI 2 Registration URL', 'Manual Entry', 'By URL', 'Paste XML', 'By Client ID', and 'By LTI 2 Registration URL'. The first option, 'By LTI 2 Registration URL', is highlighted in blue. Another orange arrow points to this highlighted option.

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=RKCqheWLEaz6b5qbFZYGbqPyCUtkoAv>

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



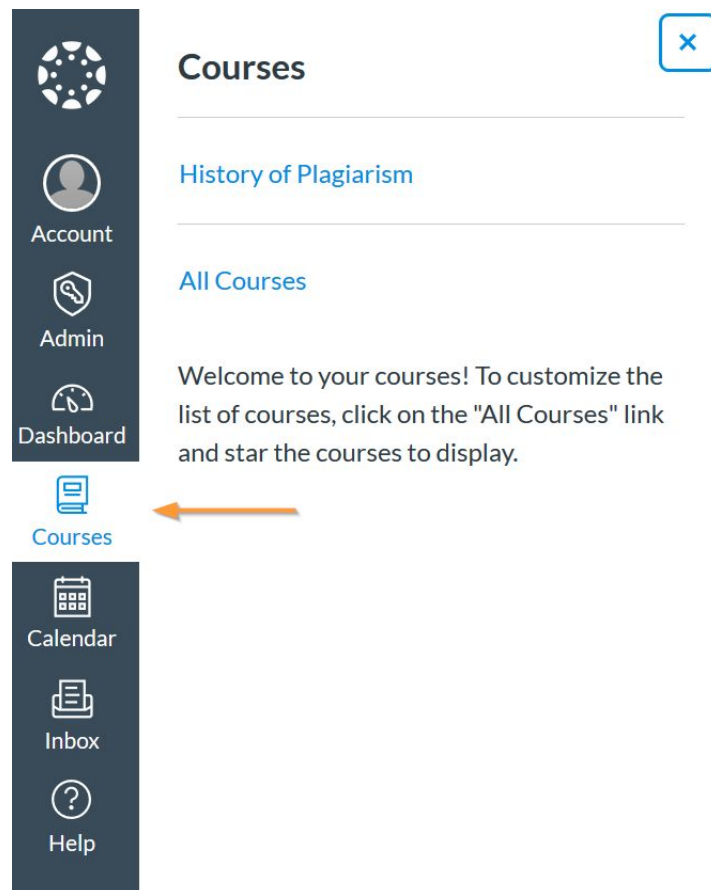
- After enabling the PlagScan plugin, you will receive the notification **“The app was added”** and it will show up in your “App Configurations” among your “External Apps”.

The screenshot shows the Canvas Admin interface. On the left is a dark sidebar with navigation icons and labels: Account, Admin, Dashboard, Courses, Calendar, Inbox, and Help. The main area is titled 'Settings' and has several tabs: Settings, Quotas, Notifications, Admins, Announcements, Reports, Apps, and Feature Options. The 'Apps' tab is active, showing the 'External Apps' section. Below the title, there's a '+ App' button and a 'View App Center' button. A text block explains that apps are an easy way to add new features to Canvas. Below this, a link points to LTI tools. A table lists installed apps with a header 'Name'. The table contains one entry, 'Plagscan LTI v2', which is highlighted by an orange arrow. To the right of each app name is a settings icon (gear) and a dropdown arrow. At the bottom of the sidebar, the 'Settings' link is highlighted in blue.

- 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.

The screenshot shows the Canvas LMS interface. On the left is a dark sidebar with navigation icons and labels: Home, Account, Admin, Dashboard, Courses (highlighted), Calendar, Inbox, Help, and Collaborations. The 'Settings' button under 'Collaborations' is highlighted with an orange arrow. The main content area shows the 'History > Settings' breadcrumb. Below this is a tabbed interface with 'Course Details', 'Sections', 'Navigation', 'Apps', and 'Feature Options'. The 'Apps' tab is selected and highlighted with an orange arrow. The 'Course Details' section is visible, showing fields for Name (History of Plagiarism), Course Code (History), Blueprint Course (unchecked), Time Zone (Mountain Time (US & Canada)), SIS ID, Subaccount (Manually-Created Courses), and Term (Default Term). The 'Starts' and 'Ends' fields are empty. A note at the bottom states: 'Changing course dates may override term availability settings and placement in the Courses page and Dashboard. Please confirm term dates before modifying course dates.'

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

The screenshot shows the Canvas LMS interface with the 'Apps' tab selected. The 'External Apps' section is visible, with a 'View App Configurations' button highlighted by an orange arrow. Below this, there is a description: '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.' A link says 'See some LTI tools that work great with Canvas.' At the bottom, there are filters: 'All' (selected), 'Not Installed', and 'Installed'. A search box labeled 'Filter by name' is also present.

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

History > Settings

Course Details Sections Navigation Apps Feature Options

External Apps

+ App View App Center

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.

Name

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

Add App

Configuration Type

By LTI 2 Registration URL

Manual Entry

By URL

Paste XML

By Client ID

By LTI 2 Registration URL

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=RKCqheWLEaz6b5qbFZYGbqPyCUtkoAv>

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”.

History > Settings

Home Course Details Sections Navigation Apps Feature Options

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Conferences

Collaborations

Settings

External Apps

+ App View App Center

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.

Name		
	i	
	i	
Plagscan LTI v2	⚙️	
	i	

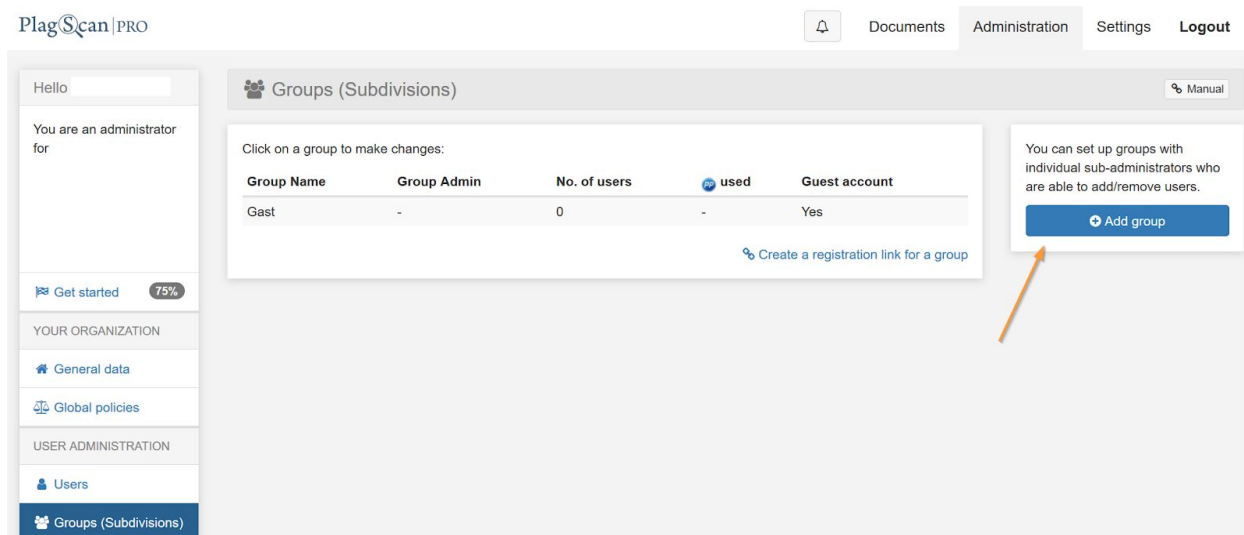
10. **Congratulations!** You have successfully installed the PlagScan plugin in Canvas for a specific Course.

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.



PlagScan|PRO

Documents Administration Settings Logout

Hello

You are an administrator for

Get started 75%

YOUR ORGANIZATION

- General data
- Global policies

USER ADMINISTRATION

- Users
- Groups (Subdivisions)**

Groups (Subdivisions) Manual

Click on a group to make changes:

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

Create a registration link for a group

You can set up groups with individual sub-administrators who are able to add/remove users.

Add group

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

Cancel
Create group

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>.

6. In the “**Administration of organization roles**” section you can see your previously defined configuration for the roles.
7. 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

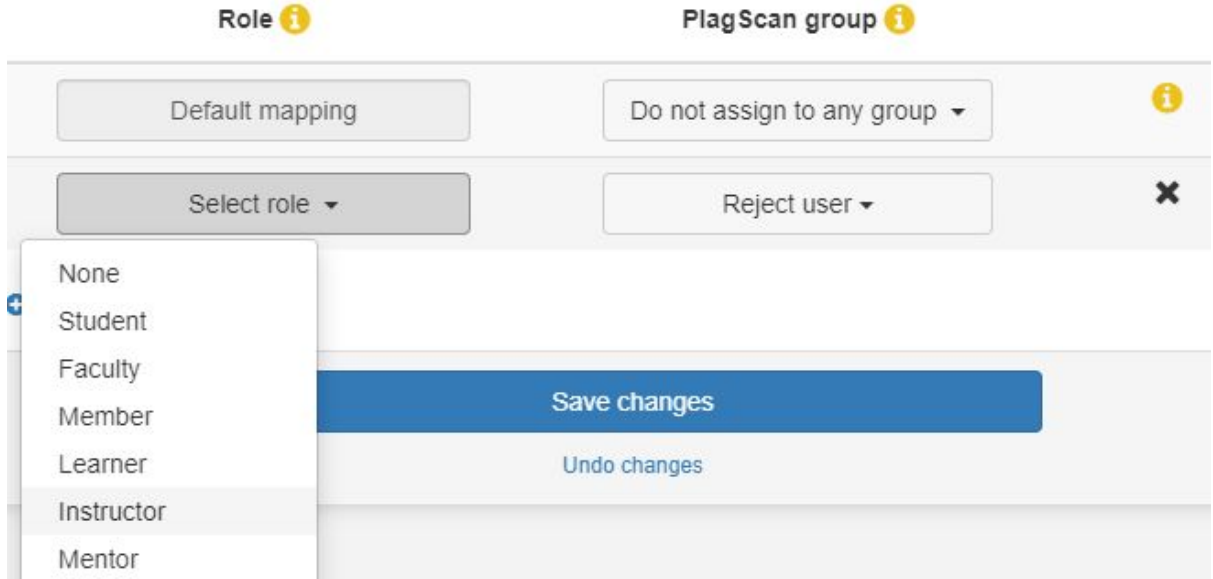
Save changes

Undo changes

8. 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 ▼ ✕

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



The screenshot shows a user management interface with two main columns: "Role" and "PlagScan group".

- Role column:** Contains a "Default mapping" button and a "Select role" dropdown menu. The dropdown menu is open, showing a list of roles: None, Student, Faculty, Member, Learner, Instructor (highlighted), and Mentor.
- PlagScan group column:** Contains a "Do not assign to any group" dropdown menu, a "Reject user" dropdown menu, and a close button (X).
- Actions:** At the bottom of the interface, there are two buttons: "Save changes" (blue) and "Undo changes" (light blue).

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