

PlagScan



Manual:

PlagScan Plugin in Blackboard Open LMS
for Administrators

Version: April 2020

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Phase 1: Registration

If you have already created a PlagScan organization account, please skip this step and go directly to “[Phase 2: Installation of the PlagScan Plugin in Blackboard Open LMS](#)”.

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: Installation of the PlagScan Plugin in Blackboard Open LMS

Step 1 of 5: Request installation and configuration

Blackboard Open LMS offers a “Plugin Matrix”, which identifies and describes plugins and what is needed to enable it in your system. For more information please visit the [Blackboard Open LMS Plugin Matrix](#).

To install or activate the PlagScan plugin in your instance it is necessary to inform Blackboard support. To do so please follow the next steps.

1. Log in to [“Behind the Blackboard”](#).
2. Submit a support ticket to enable the PlagScan plugin within your system. To do this click on the **“Create a case”** button to create a support case.

The screenshot shows the 'behind the Blackboard' support portal. At the top, there is a navigation bar with links for Home, Self Service, Community Resources, and Support. Below the navigation bar, the main heading reads 'Welcome, user. How can we help you?'. There are two main sections: 'Self Service' and 'Community Resources'. The 'Self Service' section includes links for Documentation, Knowledge Base, Plugins, Release Notes, Training, and Videos. The 'Community Resources' section includes links for Blog, Developers, Forums, and Bb Community. At the bottom, there is a 'Support' section with a 'Create a case' button and a 'Let us help you solve it.' message.

3. Fill in the form with the information requested and your request.

NOTE: In case you are facing problems, please contact the Blackboard support team.

Step 2 of 5: Generate API key

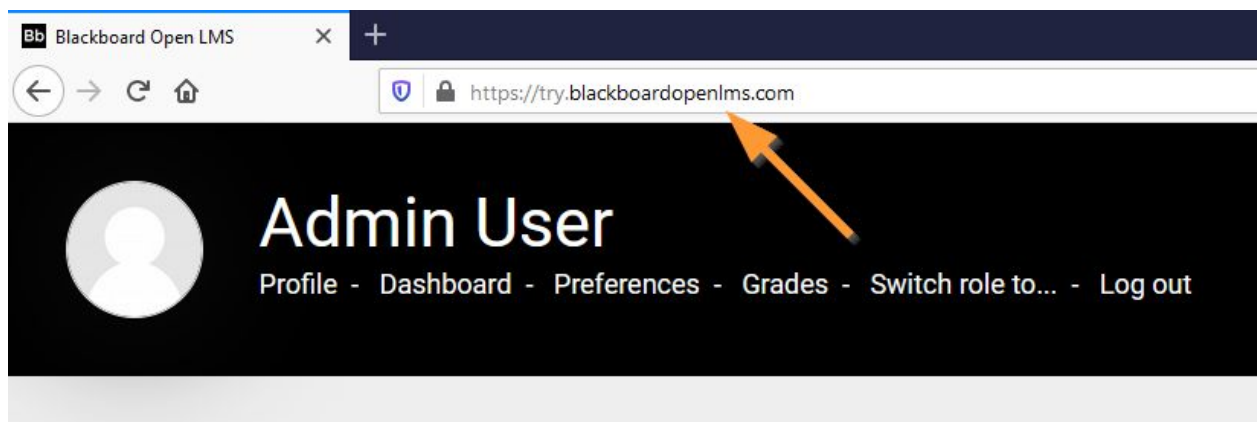
1. In order to use the Blackboard Open LMS plugin, it is necessary to generate an API Key. Please log in to your account (which you created in [Phase 1](#)) in the PlagScan portal and select “**Administration**”. You can visit the page directly by clicking on the link [here](#) and log in.
2. On the left hand side menu select “**API Integration**”.
3. Now you are on the PlagScan API integration page.

The screenshot displays the PlagScan PRO Administration interface. At the top, there are navigation tabs for 'Documents', 'Administration', 'Settings', and 'Logout'. The 'Administration' tab is selected, and an orange arrow points to it. On the left-hand side, a vertical menu contains various options: 'Hello', 'You are an administrator for PlagScan', 'Get started' (100%), 'YOUR ORGANIZATION' (General data, Global policies), 'USER ADMINISTRATION' (Users, Groups), 'SERVICES' (Repository, Assignments, Statistics BETA, Access), and 'API Integration', which is highlighted in blue with an orange arrow pointing to it. The main content area is titled 'API Integration' and includes a note to consult the PlagScan API specification. Below this, there are several input fields: 'Customer number', 'Client ID', 'API Key' (with a 'Generate API Key' button), 'Callback URL', 'IP/CIDR Range', and 'Internal Link URL'. A large blue 'Save changes' button is positioned below the form, with an 'Undo changes' link underneath. At the bottom, there is a section for 'API Plug-Ins', featuring the Moodle logo and a 'Moodle 2.x and 3.x Plug-In' entry with a 'Learn More' link.


- Click on the button “**Generate API Key**” so you can copy and paste the key to your [Blackboard Open LMS plugin configuration](#) later.

Step 3 of 5: Setup of the ‘Callback URL’

- You are required to enter a Callback URL, which informs Blackboard Open LMS about a successful plagiarism check. Navigate to your Blackboard Open LMS Dashboard and copy your instance’s Blackboard Open LMS base URL from your browser’s address bar. It might look like `https://try.blackboardopenlms.com` or `https://plagscan.blackboardopenlms.com`.



2. Navigate back to the “**API Integration**” menu in your [PlagScan account](#) and paste the Blackboard Open LMS URL you just copied into the field called “**Callback URL**”. Add the following part after the Blackboard Open LMS URL:
/plagiarism/plagscan/callback.php
3. Note down your “**Client ID**” for later use.
4. Click on “**Save changes**”.

 **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:
Generate API Key

Callback URL: Your Blackboard Open LMS URL /plagiarism/plagscan/callback.php"/>

IP/CIDR Range:


Internal Link URL:

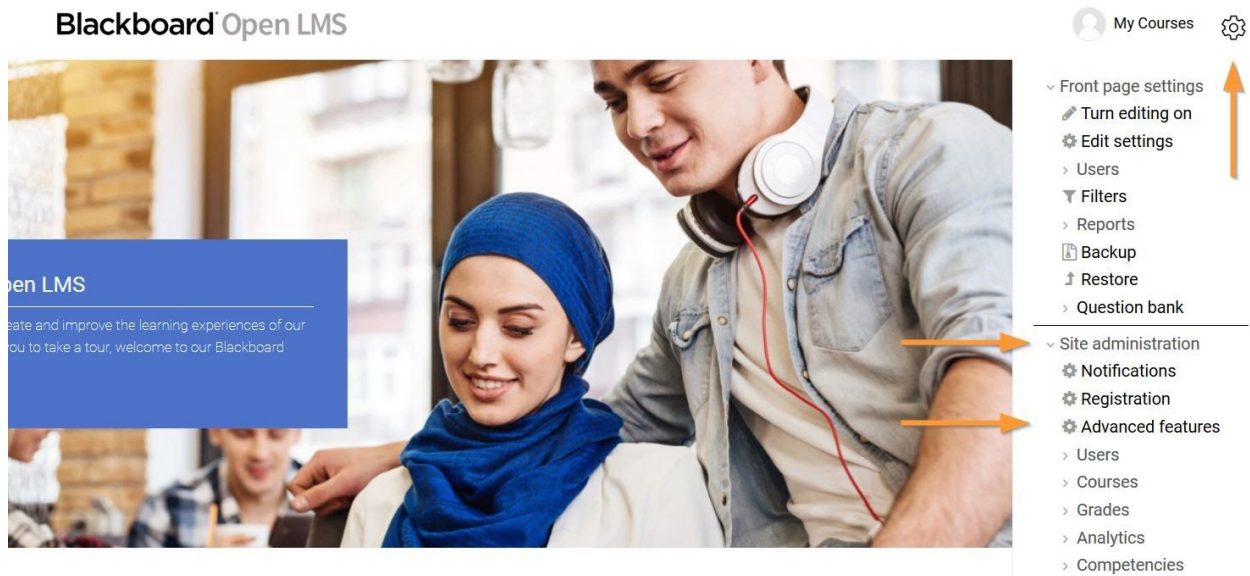
Save changes

Undo changes

NOTE: Only change the orange Text.

Step 4 of 5: Configuration of the PlagScan plugin

1. Open the **“Admin”** panel clicking the  button in the top right corner.
2. Go to the **“Site administration”** menu and then click on **“Advanced features”**.

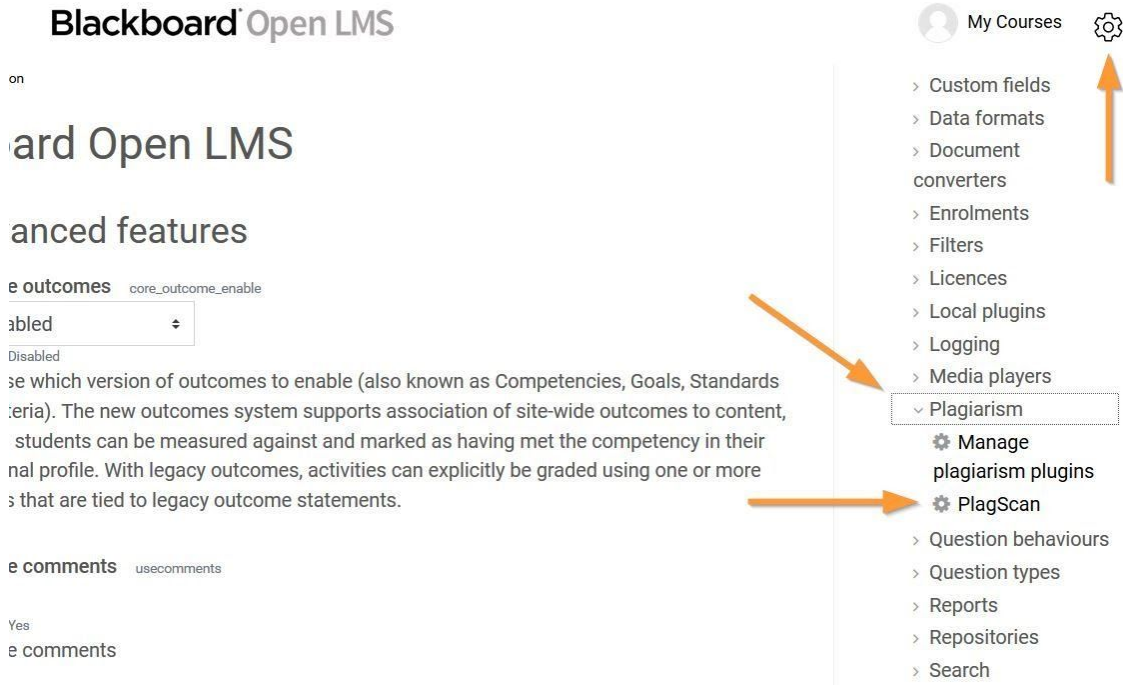


3. Look for the **“Enable plagiarism plugins”** setting, check the box and click on **“save changes”** at the very bottom of the page.



4. Open the **“Admin”** panel again by clicking the  button in the top right corner.

- In the “**Site administration**” menu open the “**Plugins**” section. Scroll down to the “**Plagiarism**” section and then click on “**PlagScan**”



- Activate the checkbox “**Enable PlagScan**”, enter your account data [API key you created in step 2](#) and **Client ID** (find both your Client ID and API key in the [API integration menu in your PlagScan account](#)). Click on “**Save changes**” at the bottom of the form.

Enable PlagScan

Client ID *

API Key * ?

NOTE: In the next step we will check the callback, therefore please ignore the following displayed message you might see on the page you are currently on in this step for now.

The callback configuration has not been checked [Check the callback configuration](#)
 The callback configuration is important for getting the reports results when generated and synchronizing them with the Moodle Database

NOTE: In [Phase 3 Configuration](#) you can configure the plugin settings and learn more about the specific configuration settings.

Step 5 of 5: Check the Callback configuration

The Callback setup is essential to be able to work with the PlagScan plugin on your Blackboard Open LMS platform. The Callback URL is used to send Blackboard Open LMS information about the status of the file as well as to report and update it on the Blackboard Open LMS database.

Since the call to the Callback is made via HTTP/HTTPS and in order for it to work properly it is necessary to have the ports 80 and 443 opened.

On the plugin configuration page in Blackboard Open LMS (where you entered the API key and Client ID in [Step 4](#)), just before the “Enable plugin” button, there is a message like this:

The callback configuration has not been checked [Check the callback configuration](#)
 The callback configuration is important for getting the reports results when generated and synchronizing them with the Moodle Database

Enable PlagScan

Client ID *

API Key * ?

1. Please click on the “**Check the callback configuration**” link to confirm your callback URL you set up in [Step 3](#) is properly set. If everything is correct and working, the message “The callback has been set up” will appear at the top of the page:

Also the message in your PlagScan settings will change to “The callback configuration is accepted.

The callback configuration is accepted

Enable PlagScan

Client ID *

API Key * ?

2. The plugin is now ready to work! There is no need to click on “**Save changes**” again.

Phase 3: Configuration

The settings for the PlagScan plugin can be adjusted to meet your requirements and can be found at: **Site administration** → **Plugins** → **Plagiarism** → **PlagScan**

<i>Settings</i>	<i>Explanation</i>
Report language	Choose the language you prefer for your reports.
Email policy	<p>The contact policy for your new plagiarism reports (please make sure to check your spam folder for emails from report@plagscan.com):</p> <ul style="list-style-type: none"> ● Don't email reports: reports are collected in the document manager only and are not emailed. ● Email all reports: all reports are emailed immediately after the analysis. ● Email only if a red level is indicated: Only reports that show an elevated (red) plagiarism level is emailed to you.
Data policy	<p>Regulates the data you want to compare your documents with and if you want to allow others (other than web sources) to compare with yours. <i>(When possible plagiarism is detected, other users will not be able to see your full document, but are able to contact you!)</i></p> <p>More information about the PlagScan database and share policies</p> <ul style="list-style-type: none"> ● Compare with web sources: Your documents are checked against internet sources. ● Check against my documents: your documents are checked against your other documents. ● Check against my documents in the repository: your documents are checked against other documents that are in your repository. ● Check against my organization repository: your documents are checked against other documents in the organization repository, The organization repository includes your own documents and the documents from other users in your organization. ● Check against the PlagScan Prevention Tool: documents are checked against all texts from cooperating publishers and users on PlagScan with the same setting.
Students can refuse permission to upload to PlagScan	<ul style="list-style-type: none"> ● No: PlagScan cannot be deactivated by the student when they upload their documents to an assignment. ● Yes: Students can decide to switch off the PlagScan analysis so it will not be started after uploading documents.
Student Disclosure	Text that will be displayed to all students on the file upload page.

Allow categories

Here you can type in the category names of the courses to work with PlagScan. Leave blank if you wish PlagScan to work with all courses, or specify only some categories if you wish to exclude some courses from working with PlagScan. Categories can be assigned when creating or editing a course.

Non-disclosure documents

- If you would like to check a non-disclosure document, enter a new email address which is not related to a preexisting PlagScan account.
- All submissions for the non-disclosure assignment will be uploaded into a separate account. No other organisation-users will be able to compare these documents anymore.

Auto save document

When, if ever, should data such as documents and reports be removed:

- **Never delete:** Unless manually deleted, keep data forever. This option is only available if you have purchased the Power User package or if you are affiliated with an organization which already has a subscription.
- **After one week:** Delete data one week after upload.
- **After three months:** Delete data 90 days after upload.
- **After six months:** Delete data 180 days after upload.

Docx option

For Word docx type documents suspicious passages can be highlighted directly in the original document. You can choose one of the following options:

- **Generate and email Word docx report:** Highlighting is added to the Word docx document and, if email policy is activated, the result is emailed together with the report.
- **Generate only Word docx report:** A Word docx document with highlighting is generated but not emailed. You can download it from PlagScan (*Note: Generated Word docx files are removed after seven days*).
- **Do not generate Word docx report:** Only plain text is extracted and can be checked. This makes for faster processing. However, images and other non-text data are lost.

Hide plagiarism sources below (%)

If you change this number you hide all the sources with a % under this number.

Associate uploaded files with

IMPORTANT: Please decide how you want data to be organized in the PlagScan backend **before** you start using PlagScan in Blackboard Open LMS:

- **The main PlagScan account:** All documents are assigned to the administrator account. Administrator account can be used by multiple people. **If you enable this option, it is mandatory that you enter the email of the administrator in the “Admin email” box.**
- **Individual teacher accounts:** Documents are deposited in separate, individual teacher accounts. Selecting this option will unlock the additional “To your PlagScan settings” elaborated [in our manual for teachers and instructors](#). “Activation of the PlagScan Plugin” which will enable teachers to set their own PlagScan setting preferences that will override the General settings selected within this section.

Admin Email

IMPORTANT: This has to be set only if the option ‘Associate uploaded files with’ is set as ‘The main PlagScan account’

The email from the PlagScan admin account goes here.

PlagScan Server

IMPORTANT: Please do NOT modify this option unless you have a PlagScan-in-a-BOX. This option is only important for customers with a [PlagScan BOX](#).

If you are a PlagScan-in-a-BOX customer, please enter your server host name in this field and add /v3 at the end.

Wipe PlagScan User Cache

This is a link to wipe the PlagScan plugin user cache table. This was added due to some user related inconsistency problems with the PlagScan plugin and the PlagScan servers.

PlagScan support may require you to use this link for solving some inconsistency problems. Otherwise, it is not necessary to use this.

Requirements

The PlagScan plugin receives callbacks requests from PlagScan servers to update information or receive notifications (like “file submitted”, “report generated”, and more). As mentioned in [Step 3 of 5: Setup ‘CallBack URL’](#), it is necessary to set up the callback URL.

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 Blackboard Open LMS, do not hesitate to contact us. We always strive to improve our service and appreciate your help!

Thanks,
Your PlagScan Team



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