



Manual: Plagiarism PlugIn for Moodle 2.X

Content

1. Registration	2
1.1. Your PlagScan server	2
1.2. Get the API key	2
1.3. Setup Call-Back URL	2
2. Installation	2
2.1. Checklist	2
2.2. Setup Guide	2
3. User's Guide	4
3.1. Settings	4
3.2. Activate PlagScan for an assignment	5
3.3. Review plagiarism result reports.....	5

1. Registration

1.1. Your PlagScan server

You basically do have the two possibilities that your organization gains access to the plagiarism checker PlagScan:

a) PlagScan as Webservice

Go to <https://plagscan.com/register.php> and register as an organization. Enter your Organization information and choose username and password. Upon request you will get test credit or purchase a license to use PlagScan.

b) PlagScan-in-a-BOX

Your organization acquires a private PlagScan server either hosted by PlagScan or within your own computing center. The URL will be individual and can be coordinated with the PlagScan-Team (pro@plagscan.com). Throughout this manual links will be provided to the web interface. If you want to link Moodle and your PlagScan-in-a-BOX just substitute "plagscan.com" with your individual URL.

1.2. Get the API key

In order to use your PlagScan account via the Moodle PlugIn the API key is required. You will find your API key at <https://www.plagscan.com/apisetup>.

1.3. Setup Call-Back URL

Further you need to indicate your specific Call-Back URL. Your Call-Back script will be located at your Moodle after you installed the PlugIn. You can already enter it now:

[https://\[...your moodle URL...\]/plagiarism/plagscan/callback.php](https://[...your moodle URL...]/plagiarism/plagscan/callback.php)

1.4. Enable automatic checking

In order to automatically start checks submitted via the PlugIn, go to:

<http://www.plagscan.com/settings> and make sure "Autostart checks" is set to "Yes, check after upload is complete".

2. Installation

2.1. Checklist

- PlagScan username
- API key

2.2. Setup Guide

1. Unzip the PlagScan folder into [...your moodle URL...]/plagiarism/PlagScan.
2. Login to Moodle as an admin. PlugIns check page will be opened. Click the upgrade button at the bottom of the page. Moodle will setup the required tables for you.
3. Go to "Settings > Site administration > Advanced features" and check "Enable plagiarism plugins" option – save changes.
4. Go to "Settings > Site administration > Plugins > Plagiarism prevention > PlagScan" and check "Enable PlagScan"
5. Enter your data, in particular the required fields:
 - i. PlagScan server: `ssl://api.plagscan.com/`
 - ii. API Key: see 1.2
 - iii. API Username: see 1.1.a)
 - iv. API Version: 2.1Don't forget to "Save changes".

6. Cron setup

The cron is an essential for the proper operation of the extension PlagScan and moodle platform.

Usually this is set on all servers that use moodle if this is not so please add it to your server settings.

- i. Open a terminal as root.
- ii. Enter the following command.
`$ Crontab-u www-data-e`
- iii. In the editor, add the following line.
`*/15 * * * * /usr/bin/php /path/to/moodle/admin/cli/cron.php >/dev/null`
- iv. Save the changes

For more information visit the section on the platform moodle cron.

<http://docs.moodle.org/25/en/Cron>

3. User's Guide

3.1. Settings

Setting	Options	Explanation
API language	<ul style="list-style-type: none"> • English • German • Spanish • French 	This will particularly indicate which language the reports will be generated in
Email policy	<ul style="list-style-type: none"> • never send emails • always send reports as emails • plagiarism level > 5%, then send the report by mail 	If "Associate uploaded files with the main PlagScan account" (see below) is chosen, this setting is likely to best be set to "never"
API data policy	<ul style="list-style-type: none"> • compare to web sources only • compare to web and my documents • compare to institution database • compare with general database 	For a more detailed explanation also have a look at: https://www.plagscan.com/faq
Autostart plagiarism checks	<ul style="list-style-type: none"> • Yes • No 	Should be set to Yes – otherwise login to PlagScan is necessary.
Auto delete	<ul style="list-style-type: none"> • after one week • after three months • after six months • never 	Depending on this setting documents on the PlagScan server will be deleted irrevocably.
Docx option	<ul style="list-style-type: none"> • generate and email .docx files • only generate .docx files • do not generate .docx files 	Whether the .docx files are mailed also depends on the Email policy.
Students can refuse permission to upload to PlagScan	<ul style="list-style-type: none"> • No • Yes 	Choice here depends on your organization's terms. If "Yes" is selected and a student refuses, the document is not uploaded to the PlagScan server.
Associate uploaded files with	<ul style="list-style-type: none"> • the main PlagScan account • individual user accounts 	Depending on your policies you might prefer to have documents stored in a central database that is within your main PlagScan account with full text access, related to that login. If each teacher should have his individual PlagScan account choose the latter.

3.2. Activate PlagScan for an assignment

As soon as the PlagScan Plugin is enabled by the administrator, everybody who creates an assignment can choose, whether PlagScan is used for this assignment.

You can choose whether you use PlagScan for all uploaded documents automatically. This upload will trigger as soon as the preset deadline is reached. Alternatively, you individually activate the plagiarism analysis for each submitted document.

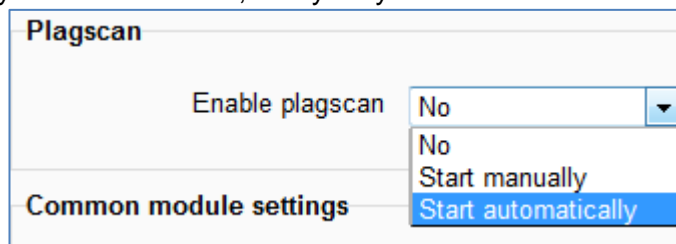


Figure 1: Adding a new Assignment

3.3. Review plagiarism result reports

Within the assignment table you will find entries linking to the different types of plagiarism reports for analyzed documents. Basically there exist 5 kinds of reports:

Report	Explanation
PlagLevel	Shows the percentage of the text for which matches in relevant sources were found.
View report	Shows where the uploaded text and indicates passages which were found to match those in other sources.
View matches	A priority list of sources that might have been copied and a list of the respective text passages.
PS report	The interactive PlagScan report, which allows editing of the plagiarism results and more detailed highlighting. It's more complex than 'View report', but also contains more information.
Download .docx	An annotated .docx report, which allows reviewing the plagiarism analysis results directly within the word document – e.g. while proof-reading anyway.

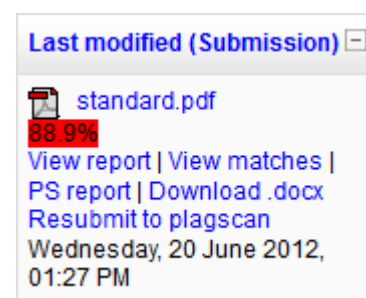


Figure 2: Links to the different kinds of plagiarism reports in the assignment table

See also: https://www.plagscan.com/how_to_read_a_plagiarism_report

We are looking forward to your opinions. Let us know, if you like this manual or whether you need further advice to make use of our Plugin. We are eager to constantly improving our service. Thanks for your help!

Yours faithfully,
The PlagScan-Team