DRM-X 5.0

Moodle Integration Plugin User Guide

Plugin Installation Settings and Protected Video Embedding Instructions

PLUGIN VERSION	INTENDED USER	DOCUMENT TYPE
1.6.4	Moodle Administrator	Quick Start Guide

Download Plugin

Plugin Features

DRM-X 5.0 Protected Video Integration is a Moodle plugin that connects Moodle with DRM-X 5.0. After installation and configuration, customers can embed ZJGet protected videos in Moodle courses and issue licenses based on the user's Moodle sign-in status and course permissions.

This plugin is a Moodle text filter. After installation, enable it on the Manage filters page.

Available Features

- Users must sign in to Moodle before obtaining a license.
- Check whether the user is enrolled in a course assigned to the DRM-X license profile.
- Automatically create a DRM-X user when the user does not already exist.
- Prevent revoked or locked DRM-X users from obtaining licenses.
- Support both the China and International DRM-X 5.0 services.
- Use a fixed RightsID with automatic permission updates or read the RightsID from ZJGet POST data.
- Assign multiple Moodle course IDs to one DRM-X license profile.
- Embed protected video in a course with the [zjget-player] shortcode.

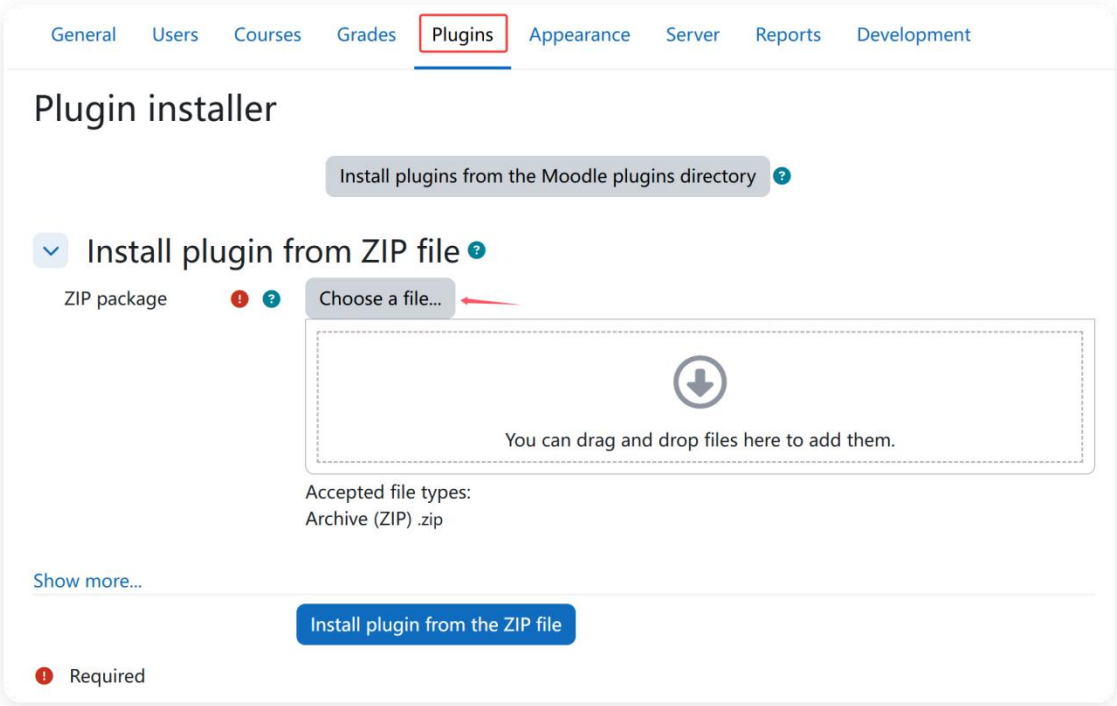
Basic Workflow

1. **Install and enable the plugin** Install the plugin in Moodle and enable the DRM-X 5.0 text filter.
2. **Enter integration settings** Configure AdminEmail, WebServiceAuthStr, GroupID, service area, and RightsID mode.
3. **Configure the license profile** Enter the Moodle integration URL and course ID in DRM-X 5.0.
4. **Embed protected video** Add the ZJGet player shortcode to a Text and media area in the course.
5. **Test with a student account** Confirm that an enrolled user can play the video and an unenrolled user cannot obtain a license.

Install and Enable the Plugin

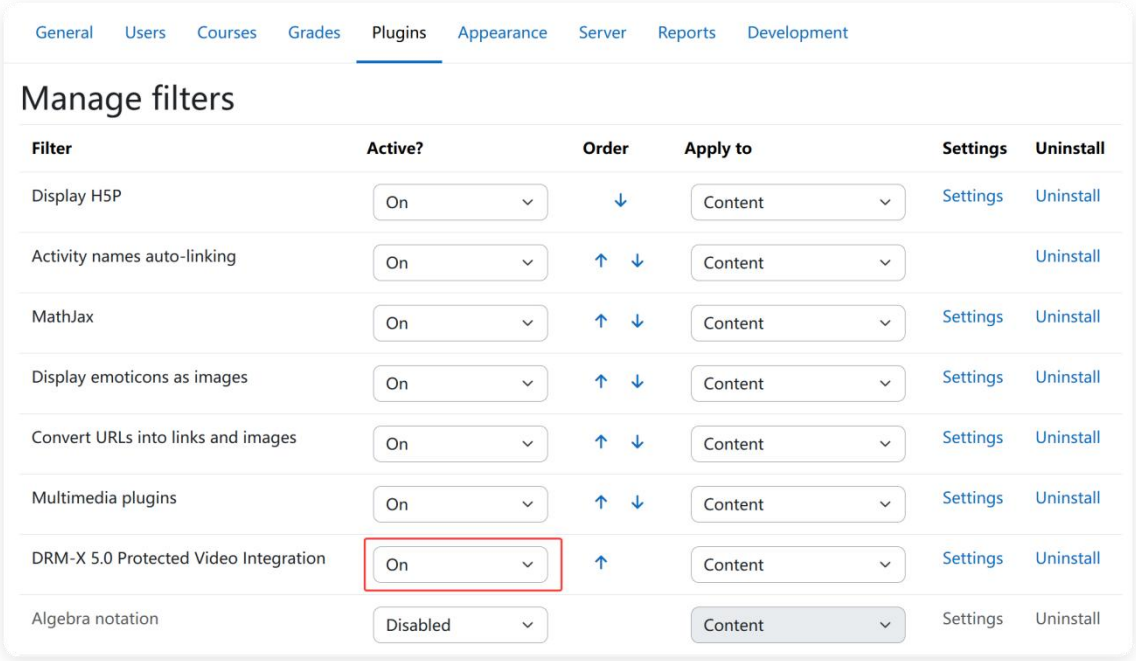
Install the ZIP Package

1. **Sign in to Moodle** Use a site administrator account to open Site administration.
2. **Upload the plugin** Go to Site administration > Plugins > Install plugins and upload drmx5-moodle-1.6.4.zip.
3. **Complete installation** Follow the Moodle prompts to validate the plugin and upgrade the Moodle database.



Enable the Filter

1. **Open filter management** Go to Site administration > Plugins > Filters > Manage filters.
2. **Enable the plugin** Set DRM-X 5.0 Protected Video Integration to On.
3. **Purge caches** Go to Site administration > Development > Purge caches and purge all caches.



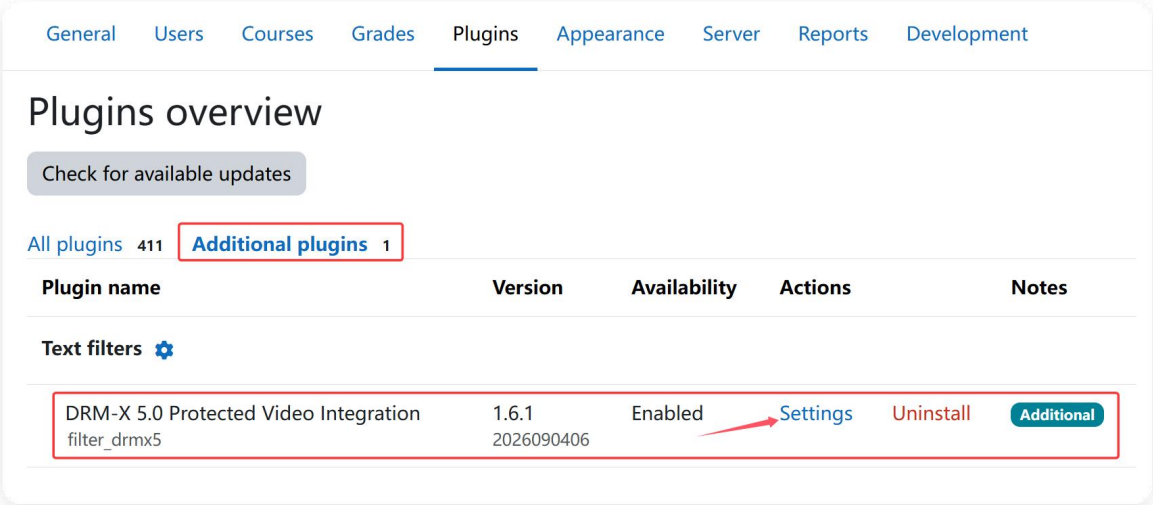
Manual Installation

You can also copy the drmx5 folder to the filter directory under the Moodle root directory. The final path must be filter/drmx5/version.php. After copying the files, open Site administration > Notifications to complete installation.

You normally do not need to uninstall the previous version before upgrading. Back up the site, replace the files in the existing plugin folder, and complete the Moodle upgrade process.

Plugin Settings

Go to Site administration > Plugins > Filters > DRM-X 5.0 and enter the following values.



Setting	Value
AdminEmail	DRM-X 5.0 administrator email address
WebServiceAuthStr	DRM-X 5.0 Web Service Authorization String
GroupID	DRM-X 5.0 user group ID
Service area	China or International
RightsID mode	Read from POST (License Profile) or use a fixed RightsID and update permissions
Fixed RightsID	Required only in fixed mode. Separate multiple RightsIDs with commas. One is chosen at random to reduce concurrent rights conflicts.

Service Area

China uses : 5.drm-x.cn

International uses: 5.drm-x.com

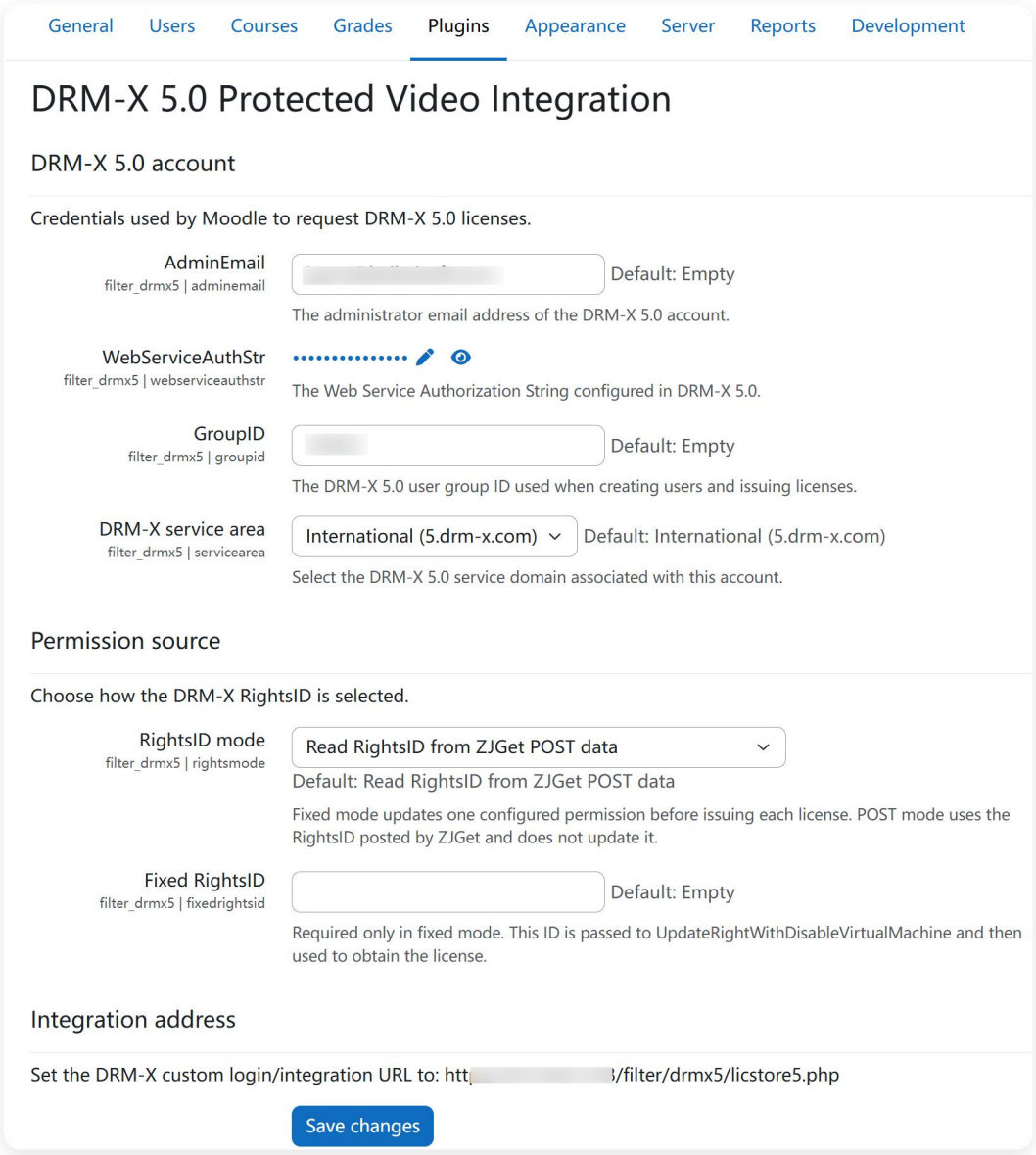
The selected service area must match the platform that contains the customer's DRM-X 5.0 account and license profile.

RightsID Mode

Read from ZJGet POST data: ZJGet reads the configured Rights from the DRM-X 5.0 License Profile and submits the corresponding RightsID through POST. The plugin uses this RightsID to obtain the license without updating the permission settings in DRM-X.

Fixed RightsID and automatic update: The system randomly selects one RightsID from the fixed RightsIDs and updates the rights before the license is retrieved.

In fixed RightsID mode, the plugin uses the course start and end dates. If the course has no end date, the license expiration date is set to ten years after the license request date. ExpirationAfterFirstUse is set to -1.



DRM-X Administration Settings

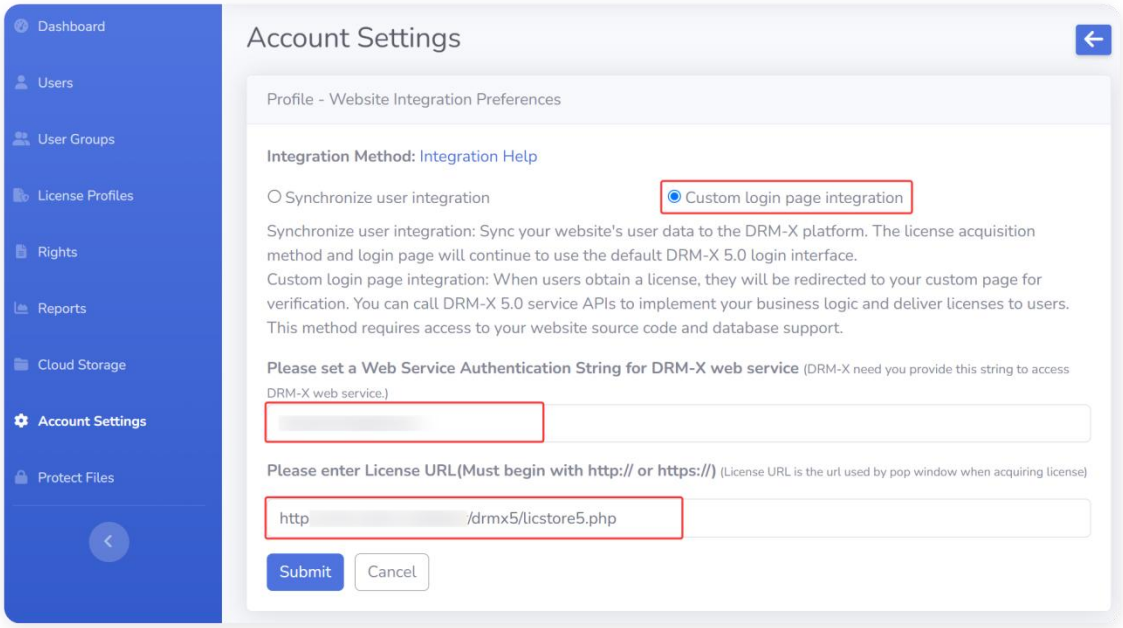
Set the Integration URL and WebServiceAuthStr

Enter the Moodle license integration URL in DRM-X 5.0. The page name must be licstore5.php.

> https://your-moodle-domain/filter/drmx5/licstore5.php

Use HTTPS on production sites. The domain in this URL must exactly match the domain users use to sign in to Moodle.

Go to DRM-X 5.0 Account Settings > Website Integration Settings.



Set the Course ID

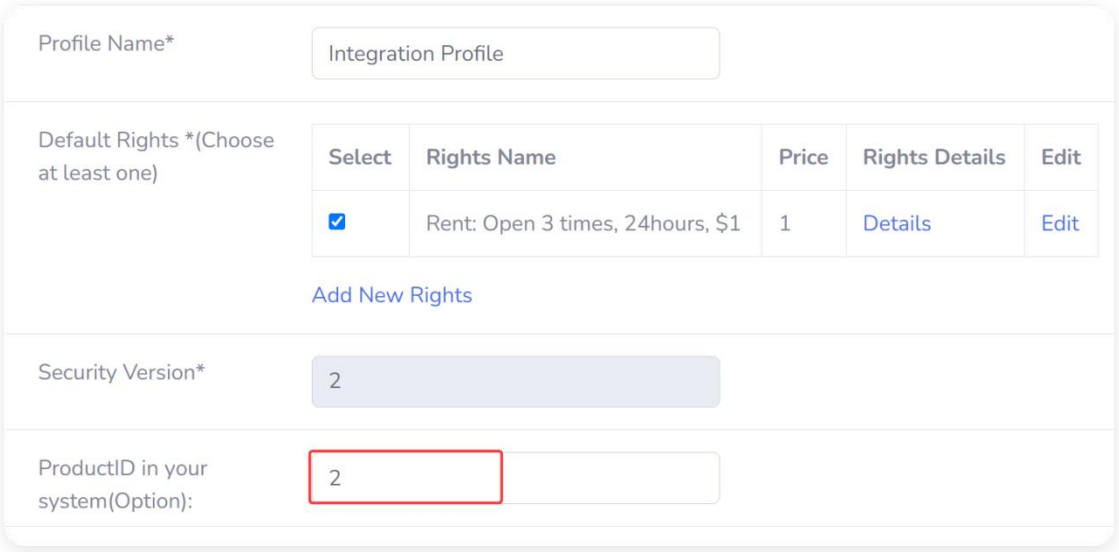
Open the Moodle course and check the browser address. For example, if the course URL contains /course/view.php?id=123, the course ID is 123. Enter this ID in the Your Product ID field of the DRM-X 5.0 license profile.

> One course: 123
> Multiple courses: 123-124-208

Separate multiple course IDs with a standard hyphen.

A user can obtain the license when actively enrolled in any one of the listed courses.

If protected videos for different courses must remain separate, create separate DRM-X license profiles.



Moodle Groups

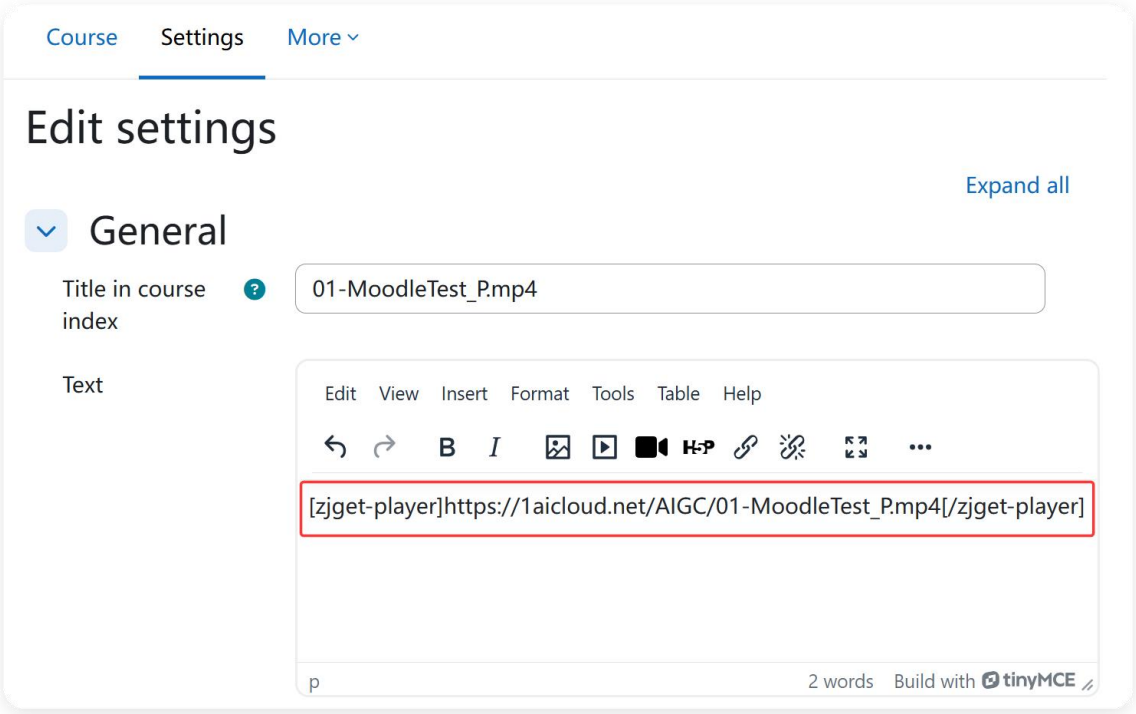
The plugin verifies course enrollment and does not check activity-level group restrictions. If different groups in the same course must watch different videos, use separate courses or extend the integration with group validation.

Add Protected Video to a Course

1. **Enable course editing** Open the Moodle course and turn editing on.
2. **Add content** Select Add an activity or resource, then choose Text and media area or Page.
3. **Enter the shortcode** Place the complete video URL between [zjget-player] and [/zjget-player].

   > [zjget-player]https://cdn.example.com/course/video01.mp4[/zjget-player]

4. **Save and test** Save the content, then open the course with a normal student account and play the video.



Shortcode Notes

- The video address must start with http:// or https://.
- The shortcode name is zjget-player and contains a standard hyphen.
- Place only the complete video URL inside the shortcode. Do not use Markdown link syntax.
- Use only one ZJGet player on the same page.
- The plugin loads the player scripts from www.zjget.com. You do not need to copy them into the Moodle plugin directory.

Testing and Common Issues

Recommended Tests

Test	Expected Result
User is not signed in to Moodle	The user is sent to the Moodle login page
User is signed in and enrolled	The user can obtain a license and play the video

Test	Expected Result
User is not enrolled in an assigned course	The user cannot obtain a license
DRM-X user does not exist	The plugin creates the DRM-X user automatically
DRM-X user is revoked or locked	The user cannot obtain a license
Multiple course IDs and user is enrolled in one	The user can obtain a license

Common Issues

Issue	Solution
The license page asks the user to sign in again	Make sure the Moodle login URL and licstore5.php use the same HTTPS domain
The browser warns that submitted information is not secure	Use HTTPS for both Moodle and the integration URL
The user is reported as not enrolled	Confirm that YourProductID contains the course.id and check the enrollment status
The shortcode appears instead of the player	Enable the DRM-X filter and purge Moodle caches
The player reports an invalid URL	Place a complete URL starting with http:// or https:// inside the shortcode
Moodle cannot connect to the DRM-X service	Enable PHP SOAP and confirm the China or International service selection

Before Going Live

- Confirm that the plugin is installed and enabled.
- Confirm that the DRM-X 5.0 credentials and service area are correct.
- Confirm that the license profile uses the actual Moodle course ID.
- Complete a successful test with a normal student account.