

# Kaltura Video Package V4 for Moodle Setup Guide

---

Version: 4 for Moodle 2.5 - 2.7

---

**Kaltura Business Headquarters**

250 Park Avenue South, 10th Floor, New York, NY 10003

Tel.: +1 800 871 5224

---

Copyright © 2014 Kaltura Inc. All Rights Reserved. Designated trademarks and brands are the property of their respective owners.

Use of this document constitutes acceptance of the Kaltura Terms of Use and Privacy Policy.

---

---

## Contents

Preface .....	4
About this Guide.....	4
Audience .....	4
Prerequisite Reading.....	4
Document Conventions.....	4
Section 1 Prerequisites .....	5
Section 2 Understanding the Setup Process .....	7
The Kaltura Application Framework (KAF) Admin Console .....	7
KAF Modules.....	7
Mandatory Configuration.....	8
Section 3 KAF Admin General Configuration .....	10
General Settings.....	10
Section 4 KAF Admin Module Configuration .....	12
Playback.....	12
Player .....	12
Audioentry .....	13
Imageentry .....	13
Videopresentations .....	13
Authoring Methods .....	14
Media Upload .....	14
Webcam Recording.....	14
Video Presentations .....	14
Screen Recording .....	14
Captions .....	15
Thumbnails.....	15
Metadata .....	15
Customdata .....	16
Content Publishing .....	16
Channelmoderation.....	16
Comments .....	17
Video Embeds .....	17
Embed.....	17
Browseandembed .....	18
Introduction to Role Mapping .....	19
Assign a Moodle Course-level Role .....	19
Moodle Sends the Corresponding LIS Role to Kaltura .....	20
KAF Grants Permissions According to the Mapping.....	20
Common Use Cases of Role Configuration .....	22
Allowing Students to Upload Content .....	22
Allowing Faculty Only to Upload and Create New Content .....	23
Creating a Teachers Only Shared Repository .....	24

# Preface

This preface contains the following topics:

- [About this Guide](#)
- [Audience](#)
- [Prerequisite Reading](#)
- [Document Conventions](#)

## About this Guide

This guide describes how to setup the Kaltura Video Package for Moodle. Instructions are provided for setting up the package behavior and how to control user roles and permissions using the Kaltura Application Framework (KAF) Admin Console.



**NOTE:** Please refer to the official and latest product release notes for last-minute updates. Technical support may be obtained directly from: [Kaltura Customer Care](#).

**Contact Us:** Please send your documentation-related comments and feedback or report mistakes to [knowledge@kaltura.com](mailto:knowledge@kaltura.com). We are committed to improving our documentation and your feedback is important to us.

## Audience

This guide is intended for Moodle and Kaltura administrators.

## Prerequisite Reading

- [Kaltura Video Plugin v4 for Moodle Version 2.5 – 2.7 User Manual](#)
- [Kaltura Video Package V4 for Moodle Version 2.5 – 2.7 Installation and Upgrade Guide](#)

## Document Conventions

Kaltura uses the following admonitions:

- Note



**NOTE:** Identifies important information that contains helpful suggestions.

- Workflow



**Workflow:** Provides workflow information.

1. Step 1
2. Step 2

## Prerequisites

The following items are required to setup the Kaltura Video Package for Moodle:

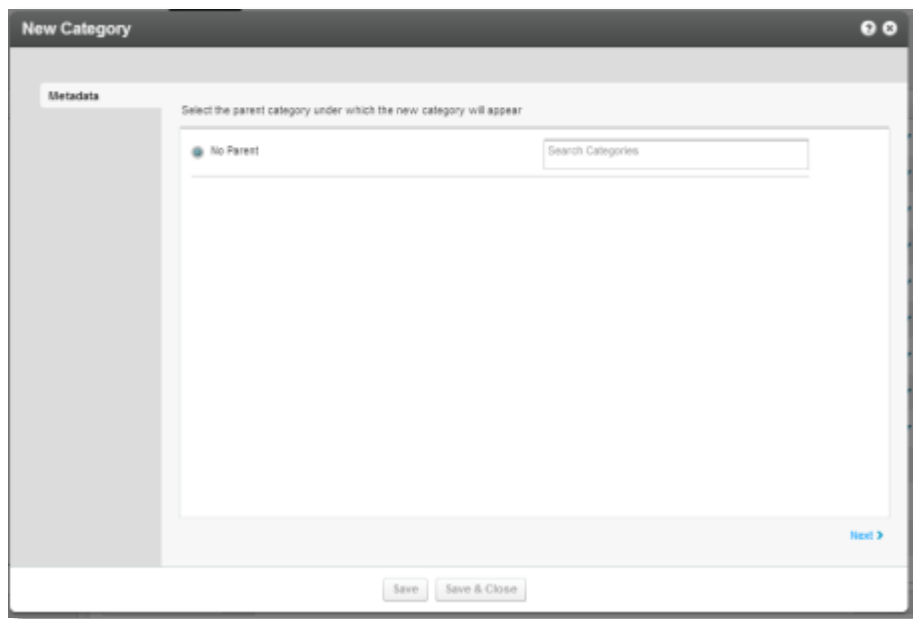
- Access to a Moodle environment with site administrator role.
- A Kaltura account - Please contact your Kaltura representative for your Kaltura account details.
- Installation of the Kaltura Video Package for Moodle on your Moodle environment. For installation instructions, see [Kaltura Video Package V4 for Moodle Version 2.5 – 2.7 Installation and Upgrade Guide](#).
- KAF Admin Console – please ask your Kaltura representative for credentials to access your KAF Admin Console instance.

## Before You Begin

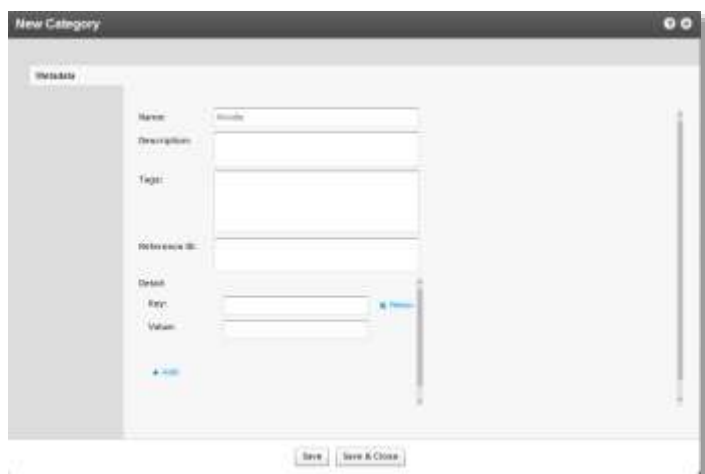
You will need to create a Moodle root category in the KMC, if not already created for you by your Kaltura representative.

### To create the Moodle root category in the KMC

1. Log into the KMC.
2. Select the **Content** tab and then select the **Categories** tab.
3. Click **Add Category**.
4. On the New Category window, select the position of the root category and save your new category.



5. Click **Next**.
6. In the metadata tab, enter metadata for your new category and click Save.



The screenshot shows a 'New Category' dialog box with a 'Metadata' tab selected. The form contains the following fields:

- Name: A text input field containing the word 'Module'.
- Description: A large text area.
- Tags: A text area.
- Reference ID: A text input field.
- Default:
  - Key: A text input field.
  - Value: A text input field.

At the bottom left of the form is a blue '+ Add' button. At the bottom right is a blue 'New' button. At the very bottom of the dialog are two buttons: 'Save' and 'Save & Close'.

## SECTION 2

## Understanding the Setup Process

The Kaltura Video Package for Moodle offers an out-of-the-box solution that enables users to view, record, upload, publish, search, and share video directly from their Moodle environment. This translates into time and money saved for your organization, improved student engagement, creativity and learning results, as well as ease of use for students, faculty and teaching assistants.

## The Kaltura Application Framework (KAF) Admin Console

The Kaltura Video Package for Moodle is implemented on top of the Kaltura Application Framework (KAF), a feature rich framework that allows flexible and streamlined integration of Kaltura's video solutions and products into 3<sup>rd</sup> party applications such as Moodle. KAF is hosted and served directly from the Kaltura cloud servers and once integrated into your Moodle environment, presents different video components and workflows to users.

At the backend, the Kaltura Application Framework provides a flexible and extensible administration panel, called "KAF Admin Console". The KAF Admin Console offers full control over the user experience and when interacting with videos inside Moodle. Nearly all configuration aspects of the Kaltura Video Package for Moodle are configured through the KAF Admin Console.

You can find a link to your KAF Admin Console from within your Moodle site, by going to Site Administration → Plugins → Local plugins → Kaltura package Libraries and clicking the URL at top of the page.



**KAF configuration**

<http://12345678.kaf.kaltura.com/admin>

**KAF URI** (local\_kaltura / kaf\_uri)  Default: Empty  
Type in the server URI of your KAF instance.

**Server URI** (local\_kaltura / uri)  Default: www.kaltura.com  
Type in the server URI you want to connect to. Otherwise just type in the default settings (This setting is used for migration purposes).

**Partner id** (local\_kaltura / partner\_id)  Default: Empty  
Enter the partner id for your account.

**Admin secret** (local\_kaltura / adminsecret)  Default: Empty  
Enter the admin secret for your account.

**Enable trace logging** (local\_kaltura / enable\_logging) ☐ Default: No  
If enabled, all requests and responses to and from Kaltura are logged. These logs can be used by Kaltura support to diagnose any problems encountered. Enabling this setting may affect Moodle performance. You may download a CSV file of the logs from [here](#).

Data from your account needs to be migrated in order to be used with this version of the plug-ins. Go to the [Migration page](#) to begin the process.

## KAF Modules

Your KAF instance is composed of multiple **KAF modules**, such as "Application", "Player", and "Auth". Each module controls a different aspect of your Kaltura Video Package for Moodle instance. A KAF module is composed of a set of **configuration fields**. All KAF modules are listed on the left menu in

your KAF Admin Console instance.

MANAGE CONFIGURATIONMANAGE USERSMANAGE KNOWLEDGE BASECLEAR THE CACHEGO TO SITELOG OUT

Configuration Management

Developer Tools

How to enable "Developer Tools"?

Global

Application

Auth

Categories

Channels

Client

Debug

Gallery

Header

Metadata

Moderation

Navigation

Player

Roles

Security

SharedRepositories

Widgets

Modules

AdContent

AdDisplayRules

Bookmarks

Captions

Hosted

KAF Modules

Yes

Enable the Hosted module

Configuration fields

Enable the "Live" feature for entries

Enable editing of published entries

Enable deletion of published entries

Enable linking the media from Metadata pane

Enable users to create and display video presentations?


Enable showing number of views per entry

Show page titles

Player expand button: Auto is on only if there are modules providing an entry video

Enable pagination to a list of categories - from the menu, media, and search. Disable this if you do not wish to implement the "Media" list of categories

Search Configuration




**NOTE:** Your KAF Admin Console may display modules and configuration fields that are not listed in this guide, some of which may be disabled. It is important that you do not modify the configuration of the disabled modules (and not enable them) without consulting with your Kaltura representative.

Mandatory Configuration

After installing the Kaltura Video Package for Moodle you will need to specify the root category you created under the Categories module.

Module	Fields	Description
Categories	RootCategory	Select the category you created in the KMC.



**NOTE:** The root category should not be changed after the plugin is configured. It is okay to change the name of the root category in the KMC. It will automatically update in the KAF Admin Console.

Be certain that the sharedRepositoryCategoryId field is updated in the **Hosted** module. If it is not updated the following message is displayed:


sharedRepositoryCategoryId

23011851

Your shared repository category requires mandatory update!

[Click here to update](#)

Press “Click here to update” to update the Shared Repository.



**NOTE:** This step is only required one time after installation or migration of the Kaltura Video Package for Moodle.

The following KAF modules are required for configuring the Kaltura Video Package for Moodle and are



described in this guide:

- [Application](#)
- [Auth](#)
- [Categories](#)
- [Client](#)
- [Metadata](#)
- [Player](#)
- [Security](#)
- [SharedRepositories](#)
- [Addcontent](#)
- [Captions](#)
- [Comments](#)
- [Customdata](#)
- [Embed](#)
- [Screencapture](#)
- [Thumbnails](#)
- [Userreports](#)
- [Channelmoderation](#)
- [Audioentry](#)
- [Imageentry](#)
- [Videopresentations](#)
- [Browseandembed](#)
- [Hosted](#)
- [Moodle](#)

# KAF Admin General Configuration



**Related KAF modules:** Application, Auth, Client, Security, Categories, Addcontent, Publish, Browseandembed, Moodle, Hosted

## General Settings

Your KAF account comes pre-configured with the following settings. Items marked with \* should not be changed.

Module	Fields	Description
Application	InstanceId, privacyContext, userRoleProfile	Internal constant identifiers of your KAF instance. Please note that privacyContext should be empty.
Auth	sslSettings	All site (set to None if SSL is not used)
Client	serviceUrl	https://www.kaltura.com (set to http://www.kaltura.com if SSL is not used)
	VerifySSL	Yes (set to No if SSL is not used)
Security	allowLoadInframe	Yes*
SharedRepositories	enabled	Yes (set to No if you want to disable the Shared Repository which is used for cross-site shared functionality)
Addcontent	enabled	Yes*
Userreports	enabled	Yes*
Publish	enabled	Yes*
Browseandembed	enabled	Yes*
Moodle	enabled	Yes*
Hosted	enabled	Yes*
	enableLike	Yes/No
	enableViews	Yes/No
	allowEditPublished	Set to <i>No</i> if you want to prevent users from editing entries after they have been published to a course Media Gallery or embedded using the Browse, Search and Embed module.
	allowEditPublished	Set to <i>No</i> if you want to prevent users from deleting entries after they have been published to a course Media Gallery or embedded using the Browse, Search and Embed module.
	enableEntryDelete	Set to <i>No</i> to completely prevent users from deleting entries

Module	Fields	Description
	manPublish	Yes*
	authMethod	Lti

## SECTION 4

# KAF Admin Module Configuration

This section describes how to configure the KAF Modules.

## Playback



**Related KAF modules:** Player, Audioentry, Imageentry

## Player

Module	Fields	Description
Player	playerId	Choose the player to use when playing back videos in My Media and in Media Gallery.  Use a player id (uiConf id) from the list of players available in your KMC account (In KMC, go to Studio and select Players List).
	playerBarHeightPixels	The height (in pixels) of the player ui which is not part of the actual video (for example - the bottom bar)
	playerVideoRatioPercent	The ratio (in percent) of the video inside the player. Standard values: 16:9 = 56.25 , 4:3 = 75 , 16:10 = 62.5
	playerEditId	The player ID (uiConf ID) of the player that is used to edit entries.
	autoPlayOnLoad	Determines whether the video should start playing automatically when the player loads.
	playback	Which Playback method should KAF use?  RTMP is the default and recommended value to use for playback. <ul style="list-style-type: none"> <li>• HTTP uses progressive download and is cached in the browser.</li> <li>• RTMP streams data and supports adaptive bitrates. RTMP is the default and recommended value.</li> <li>• RTMPE - an encrypted (secure) protocol base on RTMP.</li> <li>• Akamai HD Network allows adaptive bit-rate. The player can adjust the video quality on the fly based on network and CPU conditions. Based on Akamai CDN technology.</li> </ul>

Module	Fields	Description
		Generally, HTTP provides a better user experience for seeking forward or backward, while RTMP provides better video quality. How quickly the video begins playing depends on caching, so first time play always begins faster using RTMP and subsequent play may begin faster using HTTP.
	playerModerationId	What is the player ID (uiConf ID) of the player shown in moderation pages?

## Audioentry

Module	Fields	Description
Audioentry	audioPlayerId	Player ID (uiConf ID) of the player that plays audio entries.
	audioPlayerHeight	What is the Height of the player that plays audios?

## Imageentry

Module	Fields	Description
Imageentry	imagePlayerId	Player ID (uiConf ID) of the player that shows images.
	imageWatermarkUrl	What is the URL of the image that should be used as watermark?

## Videopresentations

Module	Fields	Description
Videopresentations	enabled	Enable the Videopresentations module.
	sortMediaBy	By default, how should media in the gallery be sorted?
	kpwId	What is the widget ID (uiConf ID) of the Kaltura Video-Presentation Widget used in Moodle?
	kvpmDocUploadId	What is the uiConf ID of the Kaltura Document Upload widget? The Kaltura Document Upload widget is used by the Kaltura Video-Presentation widget.
	kvpmCreationId	What is the uiConf ID of the Kaltura Video-Presentation widget? The Video-Presentation widget enables users to synchronize video with PowerPoint presentations.



**NOTE:** To enable video presentation, please set enablePresentations to 'Yes' in the Hosted module.

## Authoring Methods

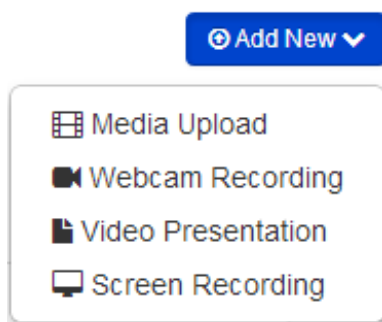


**Related KAF modules:** Widgets, Screencapture, Captions, Metadata, Customdata

The KAF Admin Console provides great flexibility in configuring different authoring methods users can utilize for creating new content. To date, the following methods are available (with additional methods to be added in the future):

- Uploading media from the local machine
- Capturing a video from a webcam using the Kaltura Webcam Recorder (KRecord)
- Adding a Video Presentation
- Creating a new screencast using the Kaltura Screen Recorder (KSR)

Please refer to the [Kaltura Video Package for Moodle User Manual](#) for more details about each of these methods.



### Media Upload

Please refer to [Roles and Permissions](#).

### Webcam Recording

Module	Fields	Description
Widgets	krecordId	The uiConf ID of the kRecord widget. KAF uses kRecord to record and upload video from a webcam.
	rtmpUrl	The URL of your RTMP Server. The URL is required for Webcam recording.

### Video Presentations

See [Video Presentations](#).

### Screen Recording

Module	Fields	Description
Screencapture	Enabled	Adds the "Screen Recording" option to the Add New menu.

Module	Fields	Description
	ksrId	What is the widget ID (uiConf ID) of the Kaltura Screen Recorder Widget (KSR) used in Moodle?
	videoBitrate	The video bitrate quality (in kbps) to use for the capture. For example 2000
	advancedOptionsEnabled	Enable the option to select frames per second by the user

## Captions

Enable the captions module to allow end users to upload captions to entries they own.

Module	Fields	Description
<b>Captions</b>	captionsKsuld	The uiConf ID of the Kaltura Simple Uploader (KSU) used for captions. KAF uses KSU to upload .SRT and .DFXP caption files.
	thumbnailRotator	Enable thumbnail image rotation on mouseover in captions search results
	entriesPageSize	How many entries are displayed as captions search results on each page? (The default is 10)
	captionsPageSize	How many caption lines are displayed for each entry in search results? (The default is 5)



**NOTE:** Regardless of the Captions settings, when captions are available for a video entry they are also available to the end user playing the video.

## Thumbnails

Enable the thumbnails module to allow end users to update thumbnails of entries they own.

Module	Fields	Description
<b>Thumbnails</b>	thumbnailssKsuld	The uiConf ID of the Kaltura Simple Uploader (KSU) used for thumbnails.
	extensionWhitelist	Define the allowed thumbnail extensions. Default values: jpg, jpeg, bmp, gif, tif, tiff, png

## Metadata

Use the Metadata and Customdata modules to define what types of metadata users are able to provide when uploading new content to their My Media or to a course Media Gallery.

Module	Fields	Description
Metadata	descriptionRequired	Require users to fill in the 'Description' field when uploading or editing media
	tagsRequired	Require users to fill in the 'Tags' field when

Module	Fields	Description
		uploading or editing media.
	readMoreEnabled	Enable/disable read more for entry description - shortening to 500 characters.
	metaDataInReadMore	If enabled metadata is hidden until clicking on 'read more...' works for all descriptions - entry/channel/category.
	basicNameFieldHelperText	Tooltip comment for the Name field when uploading or editing an entry.
	basicDescriptionFieldHelperText	Tooltip comment for the Name field when uploading or editing an entry..
	basicTagsFieldHelperText	Tooltip comment for the Tags field when uploading or editing an entry..
	showDescriptionInTooltipMeta	Choose whether to display field's description as a tooltip.

## Customdata

Use the Customdata module to choose a custom metadata profile:

Module	Fields	Description
Customdata	enable	Enable the Customdata module.
	profileId	The ID of the custom metadata. Copy the custom data schema ID from KMC > Settings > Custom Data. ( <a href="http://www.kaltura.com/index.php/kmc/kmc4#account metadata">http://www.kaltura.com/index.php/kmc/kmc4#account metadata</a> )
	dateFormat	The format of the date for the date picker.
	requiredFields	The custom data fields required before publishing media. Use custom data system names from KMC > Settings > Custom Data ( <a href="http://www.kaltura.com/index.php/kmc/kmc4#account metadata">http://www.kaltura.com/index.php/kmc/kmc4#account metadata</a> )
	privateFields	The custom data fields that are not displayed in Moodle. Use custom data system names from KMC > Settings > Custom Data ( <a href="http://www.kaltura.com/index.php/kmc/kmc4#account metadata">http://www.kaltura.com/index.php/kmc/kmc4#account metadata</a> ).  Note: Private custom data fields are not hidden when the media owner accesses media from My Media.

## Content Publishing



**Related KAF modules:** Channelmoderation

## Channelmoderation

Module	Fields	Description
Channelmoderation	forceModeration	Force moderation on every new channel creation.
	moderationDefaultValue	Default value when moderation checkbox is enabled



## Comments



**Related KAF modules:** Comments

The Comments module is used to enable users to add comments to videos and to have conversations around published entries. By default, all comments are public and are visible to all viewers of the entry. For example, if a video is shared in two courses, Course A and Course B, and a student in Course B adds a comment to the video, the comment will be visible to members of Course A. A course owner may choose to keep all comments for the course videos, private, however, public comments from other courses will be visible.

Module	Fields	Description
Comments	enable	Enable the Comments module.
	channelCommentsProfileId	Custom Metadata profile Id for entries
	entryCommentsCountProfileId	Custom Metadata profile Id for entry comments count
	commentAllowed	Defines who can add comments. See <a href="#">Roles and Permissions</a> .
	pageSize	
	sort	
	sortReplies	
	allowClose	Allows content owners to disable/close comments for particular entries.
	showInGalleries	Enable/disable showing of comments for entries in the gallery page
	showInChannels	Enable/disable showing of comments for entries in the channels page
	showInChannelsOnly	Show comments in for entries in the channels page
	showAddTimedCommentsCheckbox	Show Add comment at mm:ss checkbox.
	showPrivateCommentsConfig	Show configuration for setting private comments per gallery/channel.

## Video Embeds



**Related KAF modules:** Embed, Browseandembed

### Embed

The embed module is used to allow grabbing a player embed code of video to allow embedding them on external sites. A player embed code can be grabbed from a user's personal My Media page or from a course Media Gallery.

Module	Fields	Description
Embed	enable	Yes (set to No to prevent users from grabbing embeds of videos)

Module	Fields	Description
	secureEmbed	No*
	showMediaURL	No*
	embedAllowed	<p>Determines who can grab an embed code:</p> <ul style="list-style-type: none"> <li>Owner Only – Only the owner of the content can grab a player embed code.</li> <li>viewerRole/privateOnlyRole / adminRole – select which roles can grab embeds of videos.</li> </ul> <p>Note: If Owner Only is checked, all other checkboxes should be unchecked.</p> <p>Note: anonymousRole &amp; unmoderatedAdminRole – are ignored by KAF</p>
	embedSkins	Define the list of player templates to the user can choose from when grabbing a player embed
	embedSizes, audioEmbedSizes	Define the list of player sizes to the user can choose from when grabbing a player embed

## Browseandembed

The Broseandembed KAF module is used to enable and configure the Browse, Search and Embed tool in Moodle. This tool is used in the following places:

- Kaltura Video Presentation
- Kaltura Video Resource
- Video submissions in a Kaltura Media Assignment
- Video embeds in TinyMCE elements across the site

Module	Fields	Description
Browseandembed	enable	Yes*
	returnUrlMethod	POST*
	allowEmbedFromMultipleCourses	When set to Yes, users will be able to embed videos from Media Galleries of all the courses they have access to. Set to No if you want to limit users to the Media Gallery of the current course only.
	filterTypeAttribute	custom_filter_type*
	disableAddNewAttribute	custom_disable_add_new*
	embedSkins, embedSizes, audioEmbedembed	Deprecated

# Roles and Permissions



Related KAF modules: [Hosted](#)

See [Common Use Cases of Role Configuration](#) for recommendations for common role configurations in the Kaltura Video Package for Moodle.

## Introduction to Role Mapping

The Kaltura Video Package for Moodle implements role mapping from Moodle roles to Kaltura roles via [LIS roles](#). Each role that is assigned to a user in Moodle is mapped to one of the roles defined in the [LIS standard](#). When a user is assigned with a role in a Moodle course – Student or Teacher for example – Moodle translates this role to an LIS role which is then sent to KAF. On KAF's side, a dedicated module provides flexible mapping between LIS roles and Kaltura roles, allowing a granular control over the behavior of the different Kaltura Video Package components in Moodle.

This process is described in the following workflow:

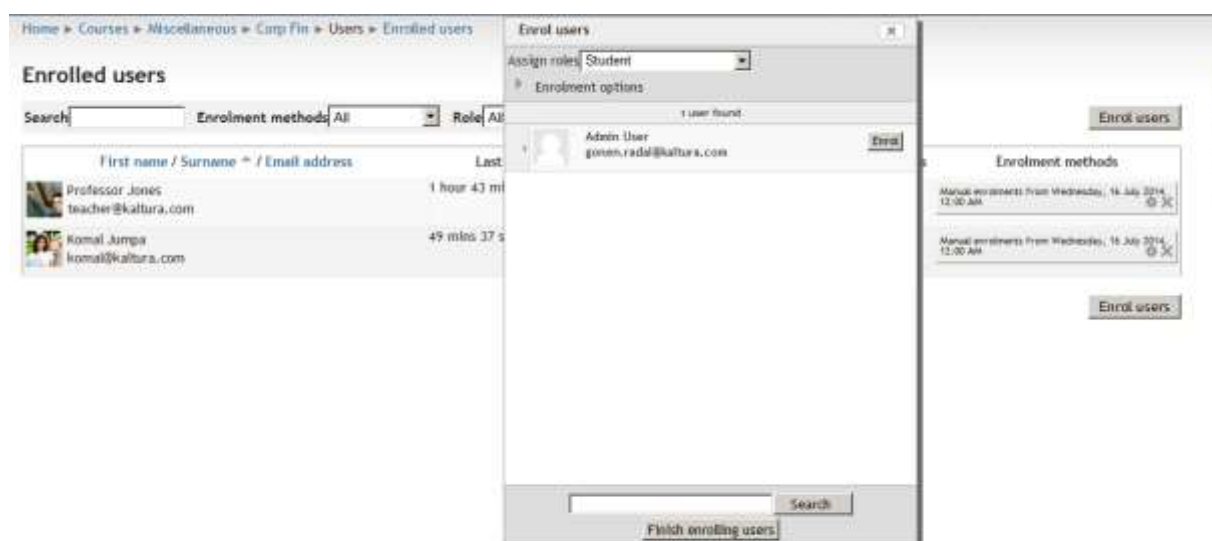


### Workflow:

1. Users are [assigned a Moodle Course-level](#) role after being assigned to a course.
2. [Moodle sends the corresponding LIS role to Kaltura](#).
3. [KAF Grants Permissions](#) according to mapping.

## Assign a Moodle Course-level Role

Users are assigned a Moodle role when added to courses via the Enrol Users dialog.



## Moodle Sends the Corresponding LIS Role to Kaltura

When a user accesses a Course-level Kaltura module, such as *Media Gallery* or the *Browse, Search and Embed*, Moodle sends the corresponding LIS role to Kaltura, according to the following mapping:

Moodle Course-level role	LIS role
Student	Learner
Teacher	Instructor



**NOTE:** Outside the context of a course, Moodle sends *Learner* for all logged-in users. Please refer to [Common Use Cases of Role Configuration](#) for instructions on how to send the *Instructor* role outside the context of a course to support different access control configurations.

## KAF Grants Permissions According to the Mapping

On the KAF Admin Console side, each LIS role can be mapped back to Kaltura roles. KAF grants different permissions according to the mapping provided in the Hosted module in the KAF Admin Console:

**litiRolesMapping**

Map each LTI role to a MediaSpace role

1 **DELETE**

litiRole: Student → LIS role sent by Moodle, according to the user's role in Moodle

kmsRole: privateOnlyRole → KAF Applicative role, set by the administrator to define permissions outside of course context (My Media and Browse, Search and Embed)

kmsContextualRole: CONTRIBUTOR → KAF contextual role, set by the administrator to define permissions inside course context (Media Gallery and Browse, Search and Embed)

allowedSharedRepository: No → Set by the administrator to determine whether the user can publish to and from the site's Shared Repository

2 **DELETE**

litiRole: Member

kmsRole: privateOnlyRole

kmsContextualRole: CONTRIBUTOR

allowedSharedRepository: No

As displayed, each LIS role is mapped in Kaltura to two roles – an **Applicative Role** (**kmsRole**) and a **Contextual Role** (**kmsContextualRole**). These roles correspond to different cases/scenarios in the Kaltura Package for Moodle. Setting these roles changes the permissions a user has in the following scenarios:

- **Applicative role (KMSRole)** - Defines the user roles and permissions in Kaltura widgets that are out of course context (for example: My Media)
  - **anonymousRole** – Not relevant to the Kaltura Video Package for Moodle and should not be used.
  - **viewerRole** – The user will not have access to My Media, and will not be able to upload new content to either My Media, Media Gallery or using the Embed Kaltura Media text-editor button.

- **privateOnlyRole** – The user will have access to My Media and will have the ability to create new content.
- **adminRole, unmoderatedAdminRole** – Not relevant to the Kaltura Video Package for Moodle and should not be used.
- **Contextual role (KMScontextualrole)** - Defines the user roles and permission in Kaltura widgets when in a course context (for example: course Media Gallery)
  - **Member**: The user will be able to view content in Media Galleries of courses to which the user is enrolled, but will not be able to contribute (publish) to the galleries.
  - **Contributor**: The user has Member permissions with the ability to publish content to the Media Gallery.
  - **Moderator**: The user has Contributor permissions with the ability to moderate content added to the Media Gallery.
  - **Manager**: The user has Moderator permissions with the ability edit the Media Gallery settings, and view the course gallery analytics.

From the Kaltura module's perspective, the permissions are as follows:

- **My Media**
  - **Applicative role**: If viewerRole, the user will not have access to My Media and will not be able to upload new content. If privateOnlyRole the user will be able to have its own My Media repository to where he can upload his own private content.
  - **Contextual role**: does not impact My Media.
- **Media Gallery**
  - **Applicative role**: If the user has a contextual role that allows publishing/adding content to the Media Gallery (see the following table), and the user has an Applicative role of **privateOnlyRole**, the user will be able to upload new content or contribute content from its own private My Media repository.
  - **Contextual role**: Determines the role of the user inside the Media Gallery (note – users can access a course Media Gallery after they have access to the course page in Moodle, regardless of their Kaltura role).

Role	Permissions
Member	If the user has <b>Member</b> contextual role, the user will be treated as a “viewer only” in the Media Gallery, and will only be able to view content, and will not be able to contribute content to the Gallery (regardless of the user's Applicative role).
Contributor	Users with <b>Contributor</b> role can view Media Gallery entries and upload and contribute entries from My Media (if applicative role is privateOnlyRole). Students are usually assigned Member or Contributor contextual roles.
Moderator	<b>Moderator</b> role allows the users to moderate content published to a Media Gallery (and to contribute new content). Teaching Assistants usually have Moderator contextual roles.
Manager	A <b>Manager</b> role provides full access to the Media Gallery, including the ability to moderate content, edit the Media Gallery's settings and metadata, and access the Media Gallery Analytics. Instructors usually have Manager contextual roles

- **Browse, Search and Embed** (rich-text editor button)
  - **Applicative role**: If **viewerRole**, the user will not have access to My Media and will not be able to create new content. If **privateOnlyRole** the user will be able to have their own My

Media repository to where they can upload their private content.

- **Contextual role:** does not impact Embed Kaltura Video.

## Summary of Default Moodle -> LIS -> Kaltura Roles Mapping

Moodle role	LIS role	Default Kaltura applicative role (kmsRole)	Default Kaltura contextual role (kmsContextualRole)	Comment
Student	Learner	privateOnlyRole	CONTRIBUTOR	Applicable only inside course context
Teacher	Instructor	privateOnlyRole	MANAGER	
Administrator	Administrator	privateOnlyRole	MANAGER	Applicable across the entire site
Logged in user	Learner	privateOnlyRole	CONTRIBUTOR	Applicable outside the context of courses

## Common Use Cases of Role Configuration

This section provides recommendations for common role configuration in the Kaltura Video Package for Moodle.

The following use cases are described:

- [Allowing Students to Upload Content](#)
- [Allowing Faculty Only to Upload and Create New Content](#)
- [Creating a Teachers Only Shared Repository](#)

### Allowing Students to Upload Content

**Description:** Allow all Moodle users to author new content (upload, webcam recording, screencast recording, etc.) and publish to courses, Media Galleries, regardless of their contextual role.

### Moodle Side Configuration

No special configuration is required on the Moodle side for this case. Assign all students to the Moodle Student role and teachers to the Moodle Teacher Role.

All course-level roles that have any course-level management privilege will be mapped to the LTI Learner role.

### KAF Side Configuration

In your KAF instance, configure the following mapping under the Hosted module:

ItiRole	kmsRole	kmsContextualRole
Learner	privateOnlyRole	CONTRIBUTOR
Instructor	privateOnlyRole	MANAGER

## Allowing Faculty Only to Upload and Create New Content

**Description:** Allow only faculty members to create and upload new media. Students should not have access to My Media and should not be able to contribute to any course Media Gallery.



**NOTE:** If students are prevented from uploading content, they will not be allowed to submit video assignments.


































### Moodle-side Configuration

To accomplish this configuration, the My Media link should be hidden to all logged in users but Teachers by creating a System-level role designed only for showing the My Media link to Teachers.

It is important to hide the My Media link. If students are able to access the My Media link, an “Access Denied” message will be displayed as they are prevented from accessing My Media by the KAF-side configuration (see below).

#### To hide My Media for all logged in users

1. Log into Moodle as Administrator.
2. Go to Administration → Site Administration → Users → Permissions → Define Roles.
3. Click on Edit Authenticated User Role (the gear icon in the Authenticated user row)

Role 	Description	Short name	Edit
Manager	Managers can access course and modify them, they usually do not participate in courses.	manager	   
Course creator	Course creators can create new courses.	coursecreator	   
Teacher	Teachers can do anything within a course, including changing the activities and grading students.	editingteacher	   
Non-editing teacher	Non-editing teachers can teach in courses and grade students, but may not alter activities.	teacher	   
Student	Students generally have fewer privileges within a course.	student	   
Guest	Guests have minimal privileges and usually can not enter text anywhere.	guest	   
Authenticated user	All logged in users.	user	   
Authenticated user on frontpage	All logged in users in the frontpage course.	frontpage	   

The role edit page is displayed.

4. Uncheck 'View My Media page'.

**My Media**

[View My Media page](#)
☐ Allow

local/mymedia:view

This hides the My Media link to all logged in users.



**NOTE:** An “Access Denied” message is displayed when opening My Media if you fail to hide the My Media page to Students.

#### To expose My Media to Teachers only

1. Log into Moodle as Administrator.
2. Go to Administration → Site Administration → Users → Permissions → Define Roles.
3. Click Add a new role.

4. Choose 'Teacher' in Use role or archetype and click Continue.
5. Click Edit Teacher User Role (the gear icon in the Authenticated user row).
6. In the 'Short name' box, provide the new role with a descriptive name, e.g., "Teacher – My Media Access".
7. In the 'Context types where this role me be assigned' check System.
8. Click 'Create this role'.
9. Click Edit to edit the new role.
10. Check "View My Media page."
11. Assign this new system role to all Teachers that require access to My Media.

## KAF Side Configuration

In your KAF instance, configure the following mapping under the Hosted module:

ItiRole	kmsRole	kmsContextualRole
Learner	viewRole	MEMBER
Instructor	privateOnlyRole	MANAGER

## Creating a Teachers Only Shared Repository

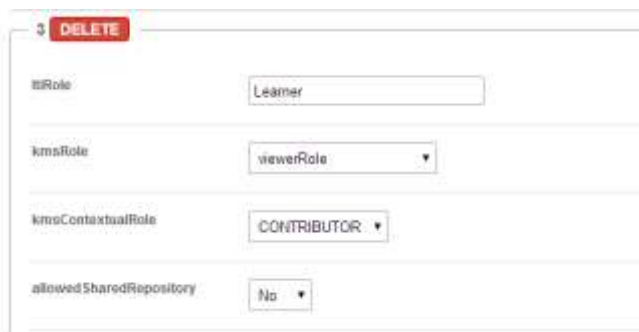
**Description:** Creating a cross-site, shared repository accessible to Teachers only. Only Teachers will have the capability to share common files among multiple courses.

## Moodle-side Configuration

The Moodle configuration required is described in [Allowing Faculty Only to Upload Content](#) .

## KAF-side Configuration

Turn off the shared repository for the *Learner* LTI role:



The screenshot shows a configuration form for the 'Learner' role. At the top left, there is a red 'DELETE' button. The form contains four rows of configuration options:

- itiRole:** A text input field containing the value 'Learner'.
- kmsRole:** A dropdown menu with 'viewerRole' selected.
- kmsContextualRole:** A dropdown menu with 'CONTRIBUTOR' selected.
- allowedSharedRepository:** A dropdown menu with 'No' selected.