

Upgrade Kaltura LMS Video integration for Moodle 4.x from LTI 1.1 to LTI 1.3

Last Modified on 05/24/2026 3:08 pm IDT

 This article is designated for administrators.

About

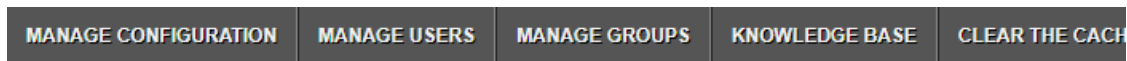
This guide explains how to upgrade an existing Kaltura LMS Video integration in **Moodle 4.x** from LTI 1.1 to LTI 1.3.

Prerequisites

- A working Kaltura LMS Video integration in Moodle using LTI 1.1
- Moodle version 4.0 or later
- Access to the [KAF Configuration Management console](#)
- Your [Kaltura Partner ID \(PID\)](#)
- Your KAF instance URL, for example: `https://12345.kaf.kaltura.com`

Step 1 - Backup your configuration

1. Log into your Configuration Management console (`https://{your_KAF_base_URL}/admin`).
2. Under **Server Tools**, click **Backup Configuration**.



Configuration Management

Server Tools

Backup Configuration 

Player replacement tool

Global

Application

AddNew

Auth

Categories

Channels

Client

Debug

Application

instanceId

3

privacyContext

userRoleProfile

17242423

virtualEventId

3. Click **Save Backup**.

Backup Configuration

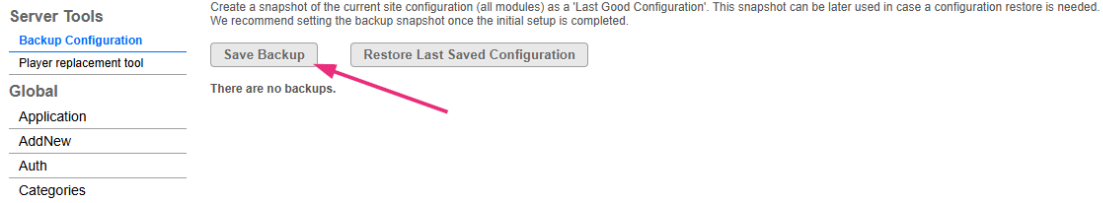
Server Tools
[Backup Configuration](#)
 Player replacement tool

Global
 Application
 AddNew
 Auth
 Categories

Create a snapshot of the current site configuration (all modules) as a 'Last Good Configuration'. This snapshot can be later used in case a configuration restore is needed. We recommend setting the backup snapshot once the initial setup is completed.

Save Backup Restore Last Saved Configuration

There are no backups.



4. In the Configuration Backup popup, click **Yes, Save.**

A confirmation message displays: *Configuration file was saved successfully.*

5. In the Configuration Backup popup, click **OK.**

A message displays on the Backup Configuration page listing the last configuration save date.

Create a snapshot of the current site configuration (all modules) as a 'Last Good Configuration'. This snapshot can be later used in case a configuration restore is needed. We recommend setting the backup snapshot once the initial setup is completed.

Save Backup Restore Last Saved Configuration

Last configuration save date: 2026-02-05 08:43:50 GMT



The following sections provide the steps to enable LTI 1.3 in KAF and configure the settings:

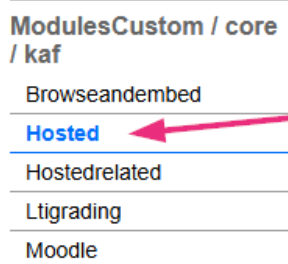
Step 2 - Configure LTI 1.3 in the Hosted module

1. Go to your Configuration Management console and click on the **Hosted** module. You can also navigate to it directly using a link:

https://{your_site_URL}/admin/config/tab/hosted.

ModulesCustom / core
 / kaf

Browseandembed
Hosted
 Hostedrelated
 Ltigrading
 Moodle



The 'Hosted' page displays.

Configuration Management

Server Tools	Hosted		
Backup Configuration	enabled	Yes ▾	Enable the Hosted module.
Player replacement tool	enableLike	Yes ▾	Enable the 'Like' feature for entries.
Global	allowEditPublished	No ▾	Enable editing of published entries
Application	allowDeletePublished	No ▾	Enable deletion of published entries
AddNew	AllowUnpublishPublished	Yes ▾	Enable unpublishing of published entries
Auth	enableEntryDelete	Yes ▾	Enable deleting media
Categories	enableViews	No ▾	Enable showing number of views per entry.
Channels	showPageTitles	Yes ▾	Show page titles
Client	expandButton	Auto ▾	Player expand button. Auto is on only if there are modules providing an entry sidebar.
Debug	manPublish	Yes ▾	Enable publish to a list of categories - from the menu, media, and upload. Disable this if you do not have access to the list of categories.
EmailService	authMethod	Iti ▾	
EmailTemplates	sharedRepositoryCategoryId	235289443	Shared repository category ID Click here to disable Shared Repositories
Gallery			
Header			
Icalendar			
Languages			
Login			
MediaCollaboration			
Metadata			
Moderation			
My-media			
Navigation			
Player			
PlaylistPage			
Recaptcha			
Search			
Security			
SharedRepositories			
UserSelect			
Widgets			

2. Scroll down the page to the **authMethod** field and select **Iti 1.3**.

Hosted		
enabled	Yes ▾	Enable the Hosted module.
enableLike	Yes ▾	Enable the 'Like' feature for entries.
allowEditPublished	No ▾	Enable editing of published entries
allowDeletePublished	No ▾	Enable deletion of published entries
AllowUnpublishPublished	Yes ▾	Enable unpublishing of published entries
enableEntryDelete	Yes ▾	Enable deleting media
enableViews	No ▾	Enable showing number of views per entry.
showPageTitles	Yes ▾	Show page titles
expandButton	Auto ▾	Player expand button. Auto is on only if there are modules providing an entry sidebar.
manPublish	Yes ▾	Enable publish to a list of categories - from the menu, media, and upload. Disable this if you do not have access to the list of categories.
authMethod	Iti ▾	
sharedRepositoryCategoryId	235289443	Shared repository category ID Click here to disable Shared Repositories

Additional fields display.

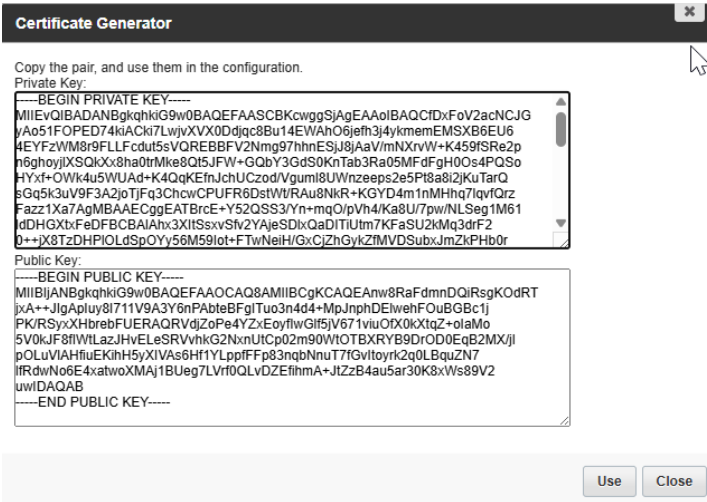
authMethod	<input type="text" value="lti1.3"/>	
Iti13PlatformOidcAuthUrl	<input type="text"/>	Single endpoint at the platform domain (i.e. LMS) the tool will redirect the browser to, to initiate the OIDC authentication flow.
Iti13AuthTokenUrl	<input type="text"/>	OAuth 2 auth token endpoint of the platform (KAF will use this to get access token to be able to call the relevant services on the platform, like ags, caliper etc.)
Iti13KeysUrl	<input type="text"/>	JWKS URL that contains the platform's key for JWT verification
Iti13ClientId	<input type="text"/>	client ID for the tool as provided by the platform
Iti13ServicePrivateKey	Service Private Key - this is used to sign the JWT or other calls done from KAF to the platform like in Deep Linking Response. You can generate key pair here	
<div style="border: 1px solid black; width: 100%; height: 100%; min-height: 150px;"></div>		
Iti13ServicePublicKey	Public key matching the above private key	

• 3. Configure the following fields:

- **Iti13PlatformOidcAuthUrl** - Enter the Moodle platform OIDC authentication URL:
https://{your_Moodle_domain}/local/kaltura/auth.php
- **Iti13AuthTokenUrl** - Enter the Moodle OAuth token URL:
https://{your_Moodle_domain}/mod/lti/token.php
- **Iti13KeysUrl** - Enter the Moodle JWKS URL:
https://{your_Moodle_domain}/mod/lti/certs.php
- **Iti13ClientId** - Leave this field empty for now. You will populate it after [obtaining the Client ID in Step 3](#) .
- **Iti13ServicePrivateKey** - Click the '[generate key pair here](#)' link.

Iti13 ServicePrivateKey Service Private Key - this is used to sign the JWT or other calls done from KAF to the platform like in Deep Linking Response. You can [generate key pair here](#)

The 'Certificate generator' window opens and displays a private key and a public key.



4. In the Certificate Generator, click **Use**.

The private and public keys are automatically copied into the **Iti13ServicePrivateKey** and **Iti13ServicePublicKey** fields.

Iti13ServicePrivateKey

Service Private Key - this is used to sign the JWT or other calls done from KAF to the
You can [generate key pair here](#)



Iti13ServicePublicKey

Public key matching the above private key



5. Scroll to the bottom of the page and click **Save**.

Step 3 - Configure Moodle to use LTI 1.3

1. Go to **Site administration**.
2. Use the search field to locate **Kaltura package libraries**.

Site administration

 
[General](#) [Users](#) [Courses](#) [Grades](#) [Plugins](#) [Appearance](#) [Server](#) [Reports](#) [Development](#)

Search results

Kaltura package libraries

[Administration](#) / [Plugins](#) / [Local plugins](#) / [Kaltura package libraries](#)

- Click to open the 'Kaltura package libraries' page.
The KAF configuration page displays.

This page contains the KAF connection, LTI, and optional feature settings. (The values shown in the image below are examples only.)

KAF configuration

<https://220-22.kaf.nvq2.mediaspace.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).

LTI Version
local_kaltura | lti_version Default: LTI 1.0/1.1

Choose which LTI version the account works with

Partner id
local_kaltura | partner_id Default: Empty

Enter the partner id for your account.

Client ID
 Should be used in the KAF hosted module

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](#).

Clone Submissions
local_kaltura | enable_submission Default: No

If enabled, any media submitted via the Kaltura Video Submission flow will be cloned under a different user name to prevent editing and deletion.

Guest support
local_kaltura | guest_support Default: Yes

If enabled, use Moodle's ability to identify guests and non-logged in users, and provide them with the 'Guest' LTI role.

Core settings

- Configure the following required settings:

- KAF URI** - Enter your KAF instance URL. Format: `https://{your_KAF_URL}`, for example, `https://123456.kaf.kaltura.com`, or `https://123456-1.kaf.kaltura.com`, or `https://kaltura.kaf.university.edu`



The "https://" is required. Do not include an ending "/".

- Server URI** - Default: `www.kaltura.com`. In most cases, this does not need to change.
- LTI version** - Select LTI 1.3.

- **Partner ID** - Enter your PID (Kaltura Partner ID). You can find this value on the 'Integrations' page in the Rich Media CMS (Rich Media Content Management System). For information, see [Account information in Rich Media CMS](#).
- **Client ID** - This field is populated automatically by Moodle. You will copy this value in Step 4.
- **Enable trace logging** - Checked

Optional settings

- **Enable Clone Submission** - Controls whether Moodle can duplicate assignments that include Kaltura media.



For assignment cloning to work, the **enableAssignmentSubmission** setting must also be enabled in the [Browseandembed module](#). See [Set up Kaltura's media assignment tool for Moodle](#) for configuration steps.

- **Guest support** - Controls access for guest and non-logged-in users. Leave this setting enabled unless you explicitly require guest access.

2. Click **Save changes**.

Step 4 - Complete the LTI 1.3 connection

In this step, you finish the LTI 1.3 setup by copying the Client ID from Moodle into KAF.

1. In Moodle, open the Kaltura package libraries page.
2. Copy the **Client ID** value.

Kaltura package libraries

KAF configuration

<https://220-22.kaf.nvq2.mediaspace.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).

LTI Version
local_kaltura | lti_version Default: LTI 1.0/1.1
Choose which LTI version the account works with

Partner id
local_kaltura | partner_id Default: Empty
Enter the partner id for your account.

Client ID Should be used in the KAF hosted module

Enable trace logging
local_kaltura | enable_logging Default: No

- Return to the Hosted module in the Configuration Management console, and paste the Client ID into the **Iti13ClientId** field ([see above](#)).

Iti13ClientId		<input type="text"/>	client ID for the tool as provided by the platform
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- Scroll to the bottom of the page and click **Save**.

This completes the upgrade of the Kaltura LMS Video integration from LTI 1.1 to LTI 1.3.

Upgrade the Kaltura Video Quiz integration

If you use Kaltura Video Quizzes with Moodle, you must also update the Video Quiz gradebook integration to match your LTI version. See [Kaltura Video Quiz Moodle Gradebook Integration with LTI 1.3 Deployment Guide](#) for guidance.
