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

> (🔒) **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.

Before you start

Make sure the following are already in place:

- 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

Backup your KAF Configuration

Before upgrading the integration from LTI 1.1 to LTI 1.3, back up your current KAF configuration.

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

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3. Click **Save Backup**.

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.

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

Step 1: 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.

The 'Hosted' page displays.

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

Additional fields display.

- 3. Configure the following fields:
  - **lti13PlatformOidcAuthUrl** - Enter the Moodle platform OIDC authentication URL: https://{your_Moodle_domain}/local/kaltura/auth.php
  - **lti13AuthTokenUrl** - Enter the Moodle OAuth token URL: https://{your_Moodle_domain}/mod/lti/token.php
  - **lti13KeysUrl** - Enter the Moodle JWKS URL: https://{your_Moodle_domain}/mod/lti/certs.php
  - **lti13ClientId** - Leave this field empty for now. You will populate it after obtaining the Client ID in Step 2.
  - **lti13ServicePrivateKey** - Click the 'generate key pair here' link.

The 'Certificate generator' window opens and displays a private key and a public key.
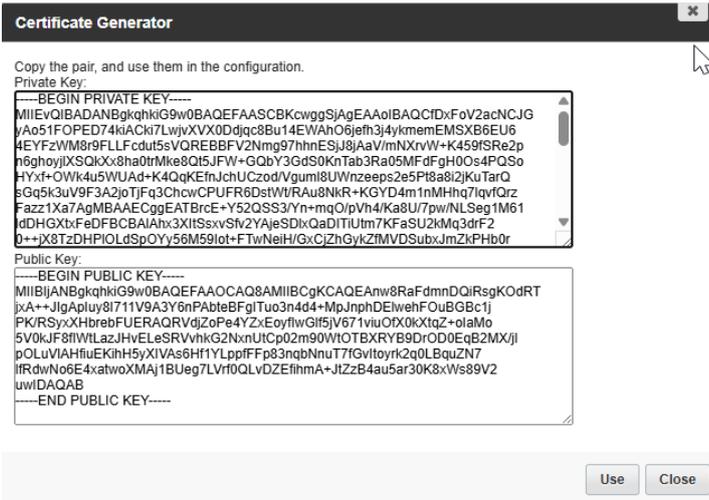
4. In the Certificate Generator, click **Use**.

The private and public keys are automatically copied into the **lti13ServicePrivateKey** and **lti13ServicePublicKey** fields.

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

Step 2: Configure Moodle to use LTI 1.3

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

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3. 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.)

Core settings

1. 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 3.
- **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 3: 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.

3. Return to the Hosted module in the Configuration Management console, and paste the Client ID into the **lti13ClientId** field (see above).

lti13ClientId		client ID for the tool as provided by the platform

4. 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.