

# Automatically publish Zoom recordings to LMS courses

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 This article is designated for administrators.

## About

This article explains how to automatically publish Zoom recordings to specific LMS courses using Zoom LTI Pro and Kaltura.

To enable this workflow, you need to configure Zoom tracking fields and map them to LMS (LTI) attributes. Once set, recordings created through Zoom LTI Pro are automatically published to the correct LMS course category.

Before you begin, make sure you set up your Zoom categories in the Rich Media Content Management System (Rich Media CMS). For setup instructions, see the [Zoom Integration - Setup Guide](#).

 When using Zoom LTI Pro, recordings are set to **automatically publish** based on the Tracking field to the designated category. Please note, this feature cannot be selectively disabled.

## How automatic publishing works

When using Zoom LTI Pro, recordings are automatically published based on the **Tracking fields** configured in your Zoom account.

- The **KalturaCategory** field defines the target category
- The **KalturaCategoryPath** field defines the category path

This behavior is always enabled and can't be turned off selectively.

## Set up automatic publishing

The following steps outline the required configuration for automatic publishing:



## Step 1: Set up the Kaltura-Zoom connector

Follow the steps in the [Zoom Integration - Setup Guide](#) to connect Kaltura with Zoom. This connection is essential to enable automatic publishing between the platforms.

## Step 2: Configure tracking fields in Zoom



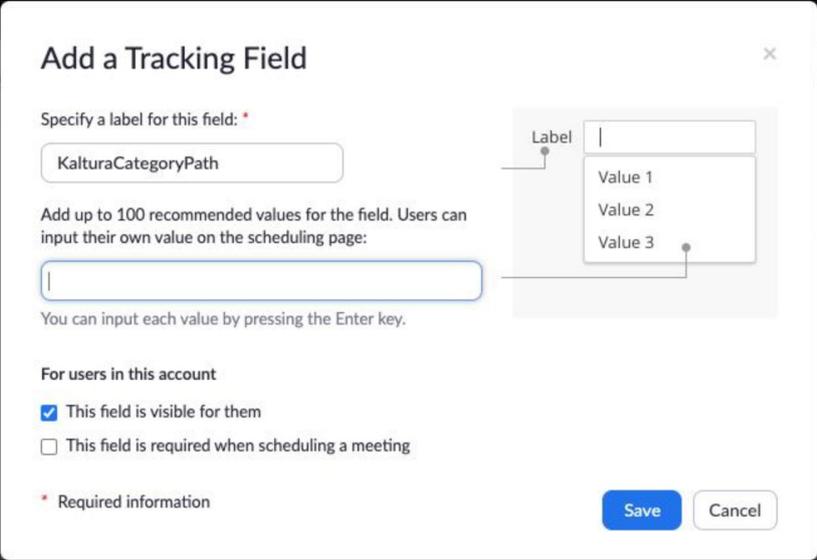
Configuring tracking fields is required for automatic publishing. Without them, recordings won't be published to LMS courses.

1. Follow Zoom's guide on configuring [Tracking Fields](#) to activate this feature.
2. In Zoom, go to **Admin > Account Management > Scheduling Tracking Field**.
3. Add the following two fields and set them as **optional\***:

- **KalturaCategory** (to assign your Zoom recording category)
- **KalturaCategoryPath** (to set the path of the category in Kaltura)



\*If these fields are NOT set as optional, all Zoom meetings (including those created outside the LMS) will require values, which can cause errors.



**Add a Tracking Field** ×

Specify a label for this field: \*

KalturaCategoryPath

Add up to 100 recommended values for the field. Users can input their own value on the scheduling page:

You can input each value by pressing the Enter key.

For users in this account

This field is visible for them

This field is required when scheduling a meeting

\* Required information

Save Cancel

For further details, visit [Managing scheduling tracking fields](#).

## Step 3: Set LTI variables in your LMS

Configure LTI variables in your LMS Zoom LTI Pro tool.



For detailed setup instructions, see [Configuring LTI Pro](#). Note that the instructions differ for LTI 1.1 and LTI 1.3 depending on your LMS.

- For **LTI 1.1** - Some LMSs (like Canvas) will automatically add the prefix `custom` to variable names (for example, `custom_canvas_course_id`)
- For **LTI 1.3** - Even if the `ltiContextIdAttribute` in KAF includes the prefix `custom`, you must EXCLUDE it in the attribute names when setting up Zoom's Tracking Field (for example, use `canvas_course_id` instead of `custom_canvas_course_id`).

Tracking Field <span style="float: right;">🔴</span>		
Set tracking field values from LTI attributes.		
Tracking Field	LTI Attribute Name	Required
KalturaCategory	context_id	No <span style="float: right;">Edit</span>
KalturaCategoryPath	<span style="border: 1px solid red; padding: 2px;">Exclude "custom_" for LTI 1.3</span> <span style="color: red;">•</span> custom_kaltura_category_path	No <span style="float: right;">Edit</span>

Following the correct naming conventions for each version is essential for auto-publishing to work properly. For details on how each LMS handles these variables, see [Examples of different LMS settings](#) section below.

#### Step 4: Map LTI variables to Zoom tracking fields

1. Go to the Zoom Marketplace.
2. Open **LTI Pro > Manage**.
3. Select **Configure**.
4. Scroll to **Tracking Fields**.
5. Enable tracking fields and add mappings as needed.

ltiContextIdAttribute

The LTI attribute the get context id from.



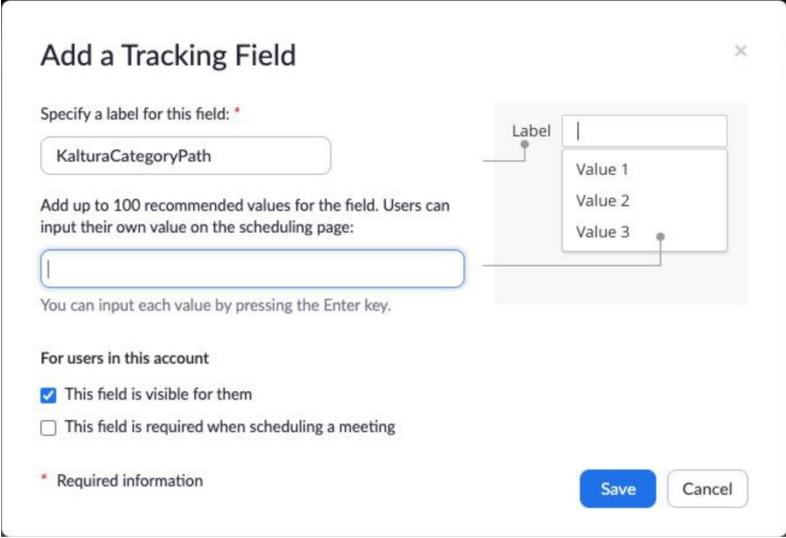
- Make sure **KalturaCategory** and **KalturaCategoryPath** match the LTI attributes defined in your KAF configuration.
- Ensure naming is consistent across Zoom, LMS, and Kaltura. If naming is inconsistent, recordings won't be published to the correct category.

See [Using Scheduling Tracking Fields](#) for more information.

## Additional steps for multiple LMSs or courses with similar names

If you're working with multiple LMSs or have courses with identical category names, follow these steps for proper categorization:

1. Add a custom LTI parameter named `kaltura_category_path` to define the category path.
2. Set the `KalturaCategoryPath` tracking field to match this value.



## Examples of different LMS settings

Use the following examples to configure the `kaltura_category_path` parameter.

### Canvas

- Canvas uses `custom_canvas_course_id` for course IDs.
- Add the category path in the LTI config and name it `kaltura_category_path`.
  - **LTI 1.1** - appears as `custom_kaltura_category_path`.
  - **LTI 1.3** - use `canvas_course_id` and `kaltura_category_path` (don't include `custom`)

### Edit App ✕

Name  
Zoom LTI Pro

Consumer Key Shared Secret  
[Redacted] [Unchanged]

Launch URL  
https://applications.zoom.us/jti/rich

Domain Privacy  
Domain Public

Custom Fields  
kaltura\_category\_path=Canvas>site>channels>

One per line. Format: name=value

Description  
Description

Cancel Submit

## D2L

- D2L uses the LTI attribute `context_id` for course IDs.
- Add `kaltura_category_path` in the Custom Parameters field of the LTI config.
- Appears in Zoom as `custom_kaltura_category_path`.

## Properties

Title\*  
Zoom LTI Pro

URL\*  
https://applications.zoom.us/jt/rich

Description

Paragraph

B I U

Font Famil Font Size

Visibility  
 Allow users to view this link

## Key/Secret

Signature  
 Sign messages with key/secret with  
 Tool consumer key/secret  
 Link key/secret

Key  
[Redacted]

Secret  
[Redacted]  
 Reset secret

## Custom Parameters

#	Name*	Value	Delete
1	kaltura_category_path	D2L>site>channels>	

## Moodle

- Moodle also uses `context_id` for course IDs.
- Add `kaltura_category_path` in the Custom Parameters field.
- Appears in Zoom as `custom_kaltura_category_path`.

[Dashboard](#) / [Site administration](#) / [Plugins](#) / [Activity modules](#) / [Manage activities](#) / [Edit preconfigured tool](#)

## External tool configuration

### Tool settings

Tool name Zoom LTI Pro

Tool URL https://applications.zoom.us/jt/rich

Tool description Zoom LTI Pro for scheduling Zoom meetings

Consumer key [Redacted]

Shared secret [Redacted]

Custom parameters `kaltura_category_path=Moodle>site>channels>`

Tool configuration usage Show as preconfigured tool when adding an external tool

Default launch container Embed, without blocks

[Show more...](#)

[Services](#)

[Privacy](#)

[Miscellaneous](#)

## Blackboard

- Blackboard passes the `context_id` attribute for course IDs.
- Some deployments may need an additional custom parameter for course IDs.
- Verify your Zoom LTI Pro configuration as needed.

### DEFAULT CONFIGURATION

LTI Tool Providers can request configuration per link, or can provide key and shared secret information for site-wide configuration.

Default Configuration  Set separately for each link  
 Set globally

\* Tool Provider Key

\* Tool Provider Secret

Tool Provider Custom Parameters  
`kaltura_category_path=Blackboard>site>channels>`  
`lis_course_id=@X@course.id@X@`

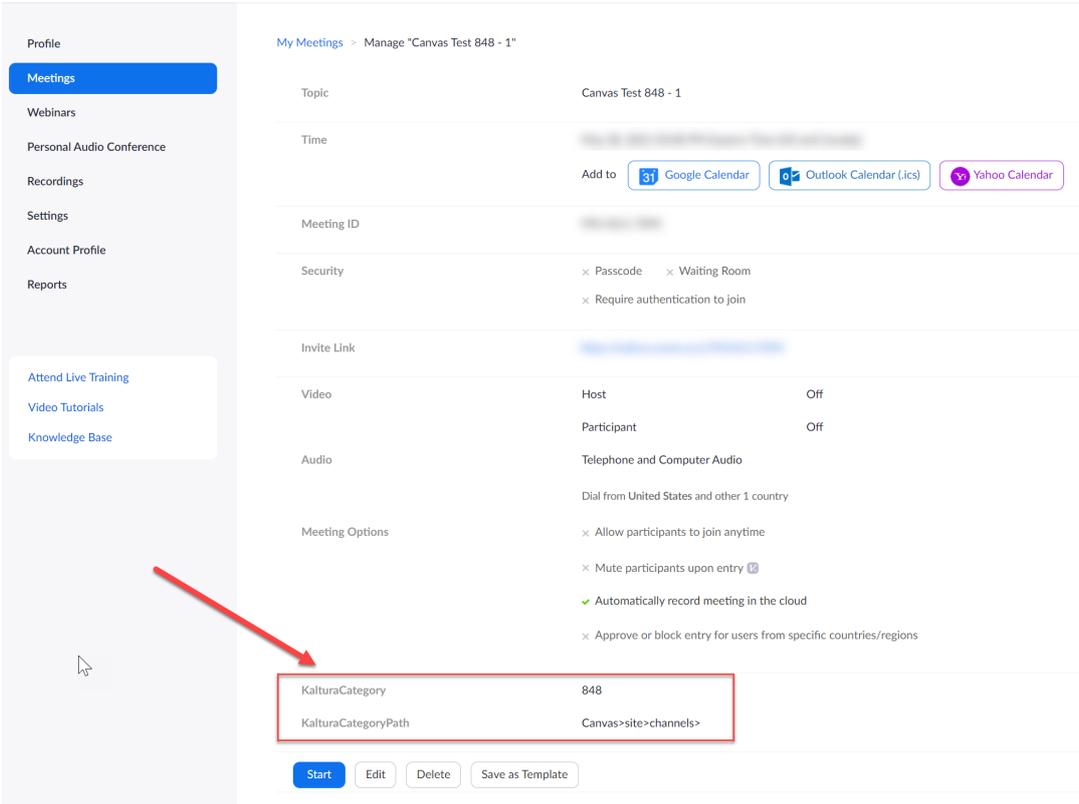
Enter any custom parameters required by the tool provider. Parameters must each be on their own line and be entered in "name=value" format.

## Testing the setup

Look for the tracking field values in the scheduled Zoom meeting.

Verify LTI attributes using Network Console tools:

1. Open your browser's **Developer Tools**.
2. Navigate to the **Network** tab.
3. Launch Zoom LTI Pro and inspect the request.
  - In Chrome, check the Payload section under network requests if the Form tab isn't available.
  - In Firefox or Edge, check Form Data



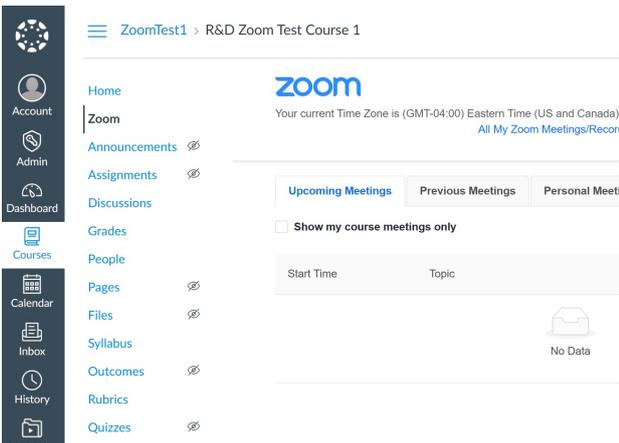
The screenshot shows the Zoom meeting management interface. On the left is a navigation sidebar with options like Profile, Meetings, Webinars, etc. The main content area displays details for a meeting titled "Canvas Test 848 - 1". At the bottom of this section, a red box highlights the following LTI attributes:

KalturaCategory	848
KalturaCategoryPath	Canvas>site>channels>

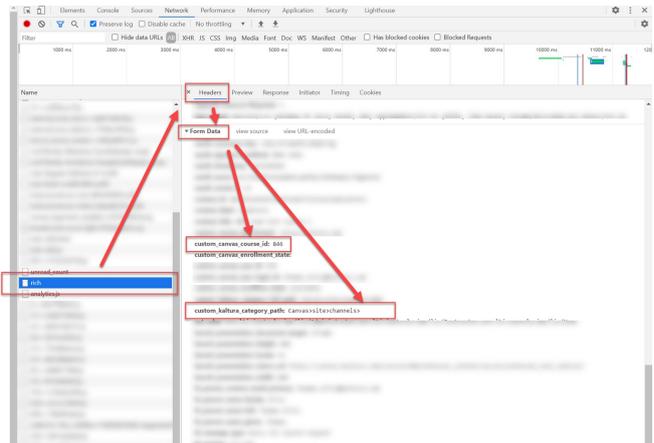
Buttons for Start, Edit, Delete, and Save as Template are visible below the table.

If values aren't populating, check the Network Console in your browser upon launching Zoom LTI Pro to see if the expected LTI attributes are being passed.

- For **LTI 1.3**, look for '**advantage**' instead of '**rich**' in the Network Console.



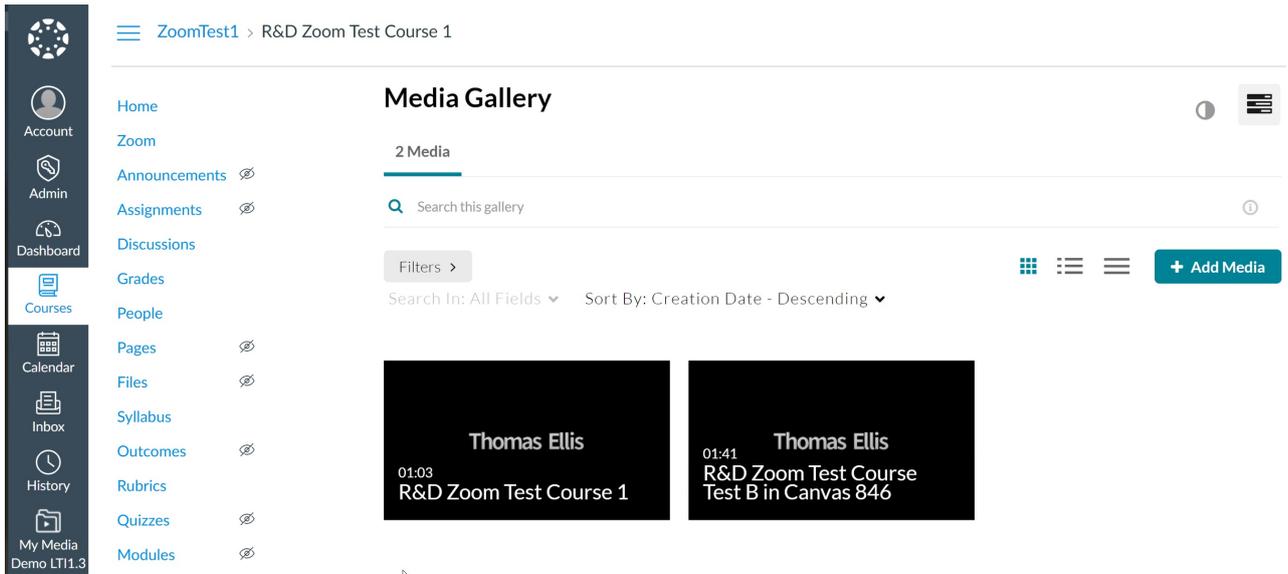
The screenshot shows a course page titled "ZoomTest1 > R&D Zoom Test Course 1". The page includes a sidebar with navigation options like Home, Zoom, Announcements, etc. The main content area shows a Zoom meeting list with columns for Start Time and Topic. A "No Data" message is displayed at the bottom of the list.



The screenshot shows a browser's Network Console with a request selected. Red boxes and arrows highlight specific headers and form data:

- A box labeled "Headers" points to the "rich" header.
- A box labeled "Form Data" points to the "custom\_canvas\_course\_id" and "custom\_canvas\_course\_path" fields.
- A box labeled "ics" points to the "ics" field.
- A box labeled "advantage" points to the "custom\_kaltura\_category\_path" field.

Verify that recordings automatically publish to the course's Media Gallery in your LMS.



If tracking fields are visible, users can enter values when scheduling meetings outside the LMS. If they use the correct category and path, this triggers automatic publishing to the corresponding destination (for example, the legacy Video Portal).