

Zoom Integration - Publish Zoom recordings to LMS categories

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 This article is designated for administrators.

About

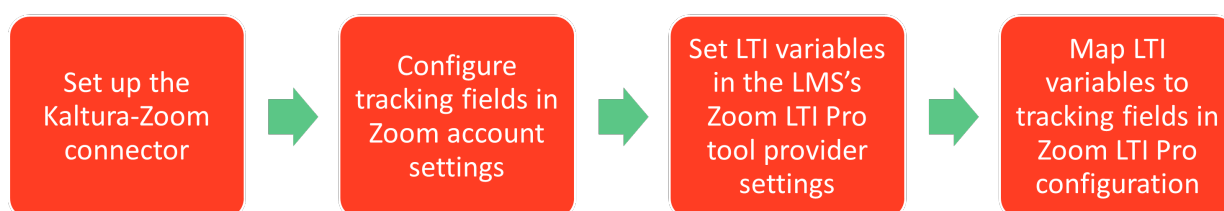
Want to automatically publish your Zoom recordings to specific LMS courses? This article will guide you through the setup. First, set up your categories in Zoom using the Kaltura Management Console - please see the [Zoom Integration - Setup Guide](#) for detailed steps.

With Zoom LTI Pro, scheduling meetings within your LMS course is simple. To ensure recordings are auto-published to the correct course, configure the LMS category in the Zoom Integration Edit Zoom Account settings. This setup enables seamless automatic publishing of recordings to LMS courses through Zoom and Kaltura integration.



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.

There are four key configuration steps required to enable 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 account settings

1. **Enable tracking fields:** Follow Zoom's guide on configuring [Tracking Fields](#) to activate this feature.
2. **Add tracking fields:** Navigate to *Admin > Account Management > Scheduling*

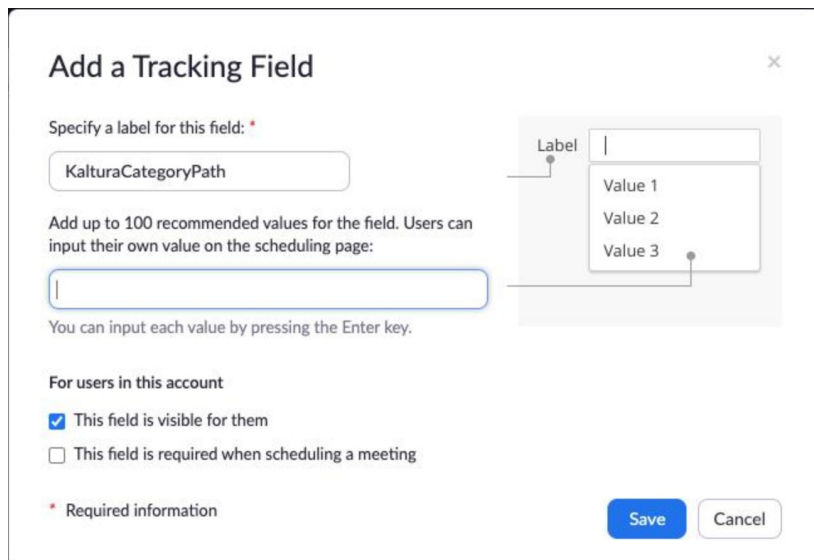
Tracking Field, add two fields, and make them optional:

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



When setting up the **KalturaCategory** and **KalturaCategoryPath** tracking fields, avoid checking the “required” box. Checking this box will make these fields mandatory for all Zoom meetings, even those scheduled outside of the LMS. For example, meetings created via the Zoom web interface will also require the LMS course ID, which could lead to errors or unwanted limitations.

While optional, setting up these tracking fields is essential for automatic publishing. If these fields are not configured, auto-publishing will not work. Making the fields visible to end users is optional.



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

Step 3: Set LTI variables in the LMS’s Zoom LTI Pro tool provider settings

1. **Configure LTI Pro:** Visit [Configuring LTI Pro](#) for specific instructions. 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 “custom_” to variable names (for example, **custom_canvas_course_id**)
 - For **LTI 1.3** - Even if the **litiContextIdAttribute** in KAF includes “custom_,” you must EXCLUDE “custom_” in the attribute names when setting up Zoom’s Tracking Field (for example, use **canvas_course_id** instead of **custom_canvas_course_id**).

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 tracking fields in Zoom LTI Pro configuration

In the Zoom Marketplace, open the Zoom LTI Pro configuration to map the tracking fields to the appropriate LTI attributes for your LMS. Navigate to *App Marketplace > LTI Pro > Manage* then select *Configure* in the browser tab that opens. Scroll down to *Tracking Fields*, enable it, and add the mappings as needed.

Tracking Field

Set tracking field values from LTI attributes.

Tracking Field	LTI Attribute Name	Required	
KalturaCategory	context_id	No	<button>Edit</button>
KalturaCategoryPath	<div>Exclude "custom_" for LTI 1.3</div> <div>custom_kaltura_category_path</div>	No	<button>Edit</button>



Ensure the LTI attributes mapped to the `KalturaCategory` and `KalturaCategoryPath` tracking fields match the attributes specified in your KAF application's `litiContextIdAttribute` (for example, `canvas_course_id` and `kaltura_category_path` for LTI 1.3). Consistent naming ensures proper alignment between Kaltura and Zoom.

`litiContextIdAttribute`

The LTI attribute the get context id from.

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:

- Add LTI Custom Parameter:** Add a custom field (`kaltura_category_path`) in the LTI configuration to pass the base path for the category. Refer to the [Examples of different LMS settings](#) below for guidance.
- Set Category Path in Tracking Field:** Assign the tracking field value for `KalturaCategoryPath` to match the custom field in the LTI configuration.

Add a Tracking Field

Specify a label for this field: *

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

Label

Value 1

Value 2

Value 3

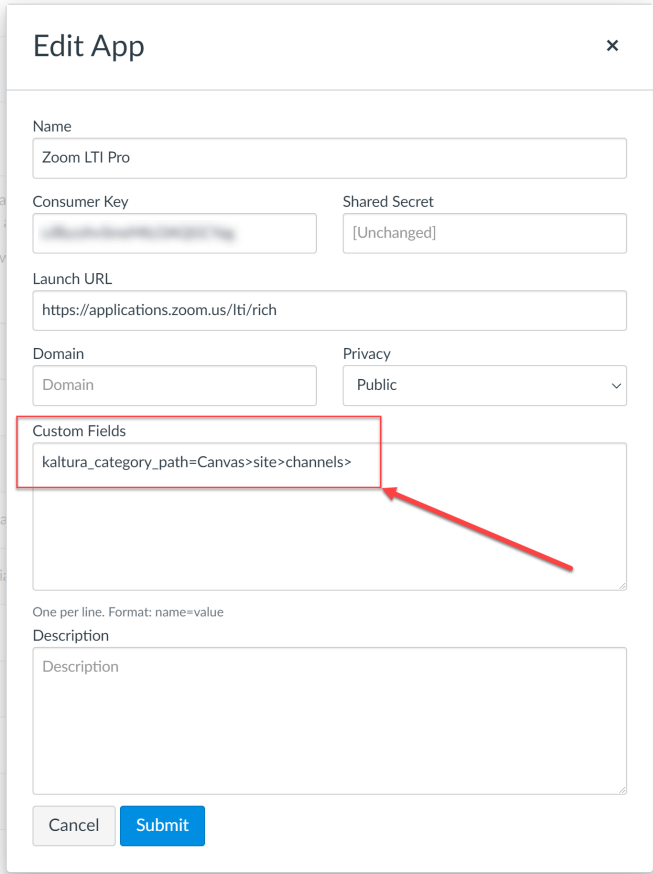
Examples of different LMS settings

Here's how to configure the `kaltura_category_path` parameter for each LMS:

Canvas

Canvas uses the LTI attribute `custom_canvas_course_id` for course IDs. Add the category path in the LTI config and name it `kaltura_category_path`.

- For **LTI 1.1**, Canvas will add "custom_" to the field, so it appears as `custom_kaltura_category_path`.
- For **LTI 1.3**, use `canvas_course_id` and `kaltura_category_path` WITHOUT "custom_."



Edit App ×

Name
Zoom LTI Pro

Consumer Key
[Redacted]

Shared Secret
[Unchanged]

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

Domain
Domain

Privacy
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. When passed to Zoom, it appears as `custom_kaltura_category_path`.

Properties

Title *
Zoom LTI Pro

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

Description

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, where it's received by 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, but 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@

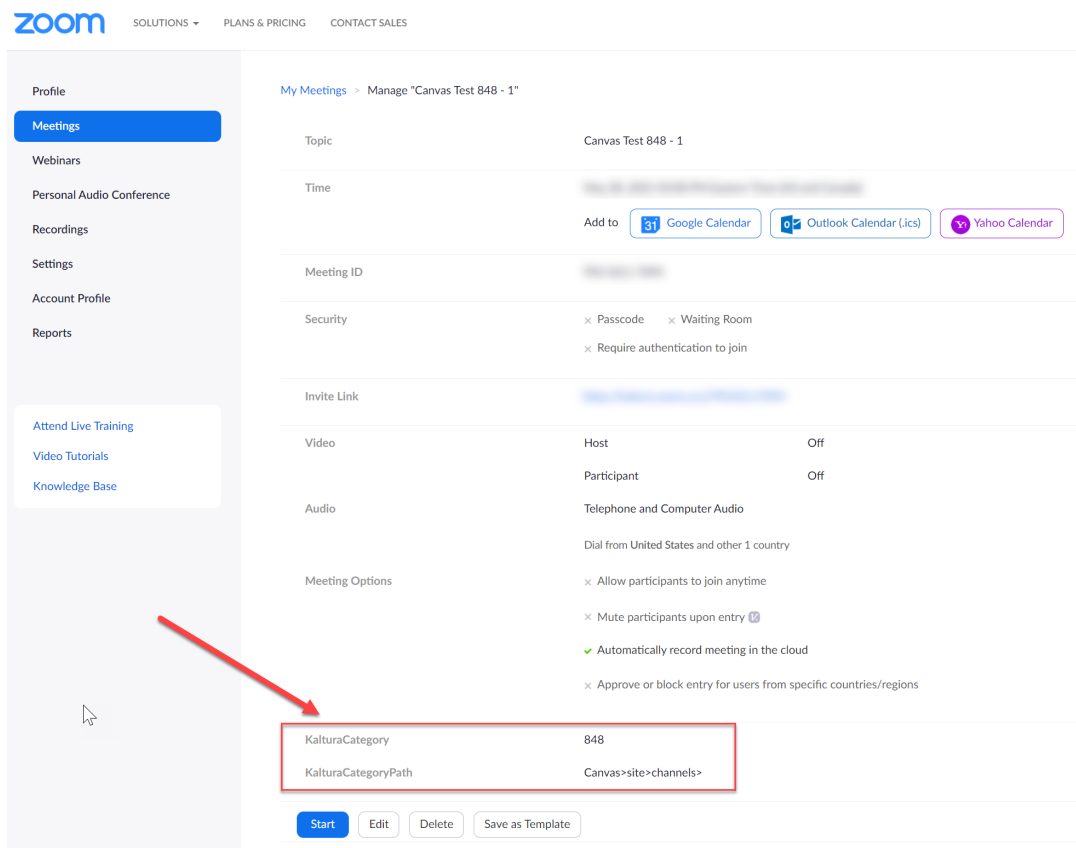
Enter any custom parameters required by the tool provider. Parameters must each be on their own line and be entered in "name=value" format.

Testing the setup

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

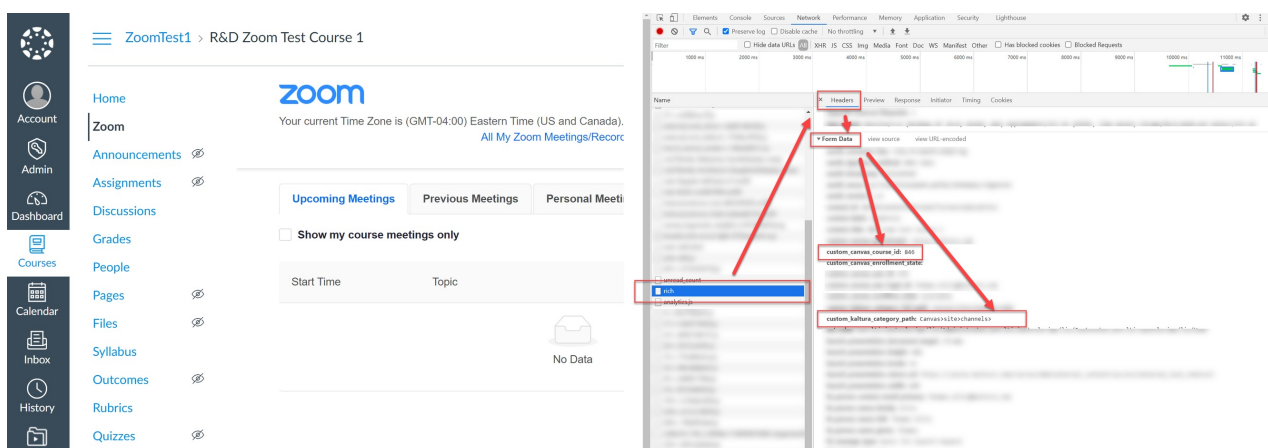
Verify LTI attributes using Network Console tools:

- Open your browser's Developer Tools and navigate to the Network tab.
- In Chrome, check the Payload section under network requests if the Form tab isn't available.
- Alternatively, try using Firefox or Edge Developer Tools, which might display form data




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.



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



- Account
- Admin
- Dashboard
- Courses
- Calendar
- Inbox
- History
- My Media
Demo LT1.3

ZoomTest1 > R&D Zoom Test Course 1

Media Gallery

2 Media

Filters > Search In: All Fields Sort By: Creation Date - Descending

01:03
Thomas Ellis
R&D Zoom Test Course 1

01:41
Thomas Ellis
R&D Zoom Test Course
Test B in Canvas 846

+ Add Media



If tracking fields are visible to users, they can manually populate these fields when scheduling meetings outside the LMS. This can trigger automatic publishing if they know the correct category path and name, making it possible to publish to channels like the video portal.