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Connect an LTI 1.3 Provider in Learnifier

Gabriella Eriksson - 2025-02-23 - API, SAML, integrations and general settings

LTI (Learning Tools Interoperability) is a standard that enables seamless integration between learning platforms and external tools or content providers. It allows for secure exchange of data, such as user information and course content, between different systems. LTI 1.3 improves upon earlier versions by offering enhanced security features* for secure communication.

This integration makes it easier to seamlessly incorporate interactive components from your preferred tools into your courses in Learnifier, enriching how learners engage with the content.

Setting up: Step-by-Step Guide Note: The steps and settings may vary slightly depending on the LTI provider you are using.

Prerequisites:

- 1. An account with an LTI provider.
- 2. LTI 1.3 integration activated in your Learnifier portal.

3. Two tabs open: one with your **Learnifier portal** and one with your **LTI provider (e.g., H5P)**.

On Your LTI Provider Tab (e.g., H5P):

- 1. Go to **Connect LMS**
- 2. Go to Add LMS Connection.
- 3. Choose **Other** under connection options and save.

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Manage Organization	Connect LMS	s					
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About the roles		Lowing	ct your LMS				
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	Learnifier Demo	D.SE (LTI connect					

On Your Learnifier Tab:

1. Go to **Settings** and select **API**.

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	2.	HSP , status: active Registered: 9/19/24, 11:24 AM, by: Gabriella Demo Platform co	onfig	Tool con	fig	Deacti	vate	Ø

2. Under Learning Tools Interoperability (LTI) 1.3, click Register New Tool.

		Branding					
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- 3. Choose a Name and Add the information from the LTI provider (e.g., H5P), including:
 - Login URL
 - Redirect URL
 - JSON Web Key Set URL

LEARNIFIER Dashboard Projects Users - Library	H5P : Tool config ×					•	🚺 Demo 🗸
API Endpoints The API endpoint is: https://demo.learnifie API Keys Key H3Luoyl2OFuJIDnZMxAS Add Key Teamtailor integration Activated: 8/22/24, 4:30 PM, by: Dian Sitevision integration Not active	Tool name: H5P A friendly Tool identifying name. Login URL: https://learnifier-livedemo.h5p.com/lti/login The Tool authentication endpoint URL. Lounch URL: https://learnifier-livedemo.h5p.com/lti/launch The Tool launch redirection endpoint URL. JSON Web Key Set URL: https://learnifier-livedemo.h5p.com/lti/jiwks/1292381810: The Tool signing keys endpoint URL. Sping algorithm: R5256 ~ The Tool signing algorithm.		Deactivate	Delete Show Toke ownership Activate		ship	
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4. Click **Register Tool**.

5. Open **Platform Configuration** and leave this information on the screen for use in the next step.



Back to Your LTI Provider Tab (H5P):

1. Go to the **Connection Settings** page.

2. Add the information from the **Platform Configuration** in Learnifier to the appropriate fields(for the field labeled **Deployment ID** in Learnifier: you'll get this in the next step).

• Important: Carefully follow the instructions in Learnifier for each field.

H-P				N	fanage Content	Manage Organization	Gabriella Eriksson 👻	🕂 Add Con
Call Upload Logo								
Manage Organization	Connect L	MS						
Users								
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Organization Details About the roles		ring H5P.com as an external tool inside	Client ID					
Connect LMS		nd paste the key & secret from the con ure the LMS to send User ID, Role & Er	885a70e7-f02a-4638-a2ed-3a8aff924bd0					
Settings		e following Login URL: https://learnifie e following Redirect URL: https://learni	Issuer https://learnifier.com					
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		https://learnifier-livedemo.h5p.com/lti/	Token URL					
		Enabled	https://service.learnifier.se/integration/lti/v1p3/C61EA73C	8F19D1EA/oauth/l				
		2024-09-19 09:26:11	Key Set URL					
		LTI v1.3	https://service.learnifier.se/integration/ttl/v1p3/C61EA73C	8F19D1EA/jwks/8				
		885a70e7-f02a-4638-a2ed-3a8af	Audience					
		Regenerate keys						
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			Always update the user's name with the one provided by the	nis LMS				
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- 3. Leave the remaining fields blank and press **Save**.
- 4. Go to New Deployment and add the Deployment ID from Learnifier.
- 5. Save, and you're done!



Once the connection is complete, you'll be able to integrate and manage interactive components from your LTI provider within Learnifier.

For specific instructions, consult the provider's help documentation.

**Such as OAuth 2.0 for authentication and JSON Web Tokens (JWT).

How to collect an LTI 1.3 Resource from your connected tool provider

https://support.learnifier.com/kb/articles/140-lti-13-resource