

Requirement	Retake attempt and access personal report via LTI
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Confidentiality	Public
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# **1** Introduction

This article explains how to integrate YouTestMe GetCertified with ILIAS via LTI and how candidates can start, finish, and later retake the test. Integration is conducted with the 5.4. version of ILIAS.



# 2 Creating an LTI configuration

To set up the integration:

1. Navigate to the "System" section in the main menu, then select "Integrations".



- 2. Navigate to the "LTI settings" tab.
- 3. Click the "Add new LTI configuration".

Username admin	Single sign-on Weber settings LRS settings Active directory Proctoring settings E-commerce LTI settings OpenID settings	
Home Home	Add new LTI configuration 3	
🗑 Tests 👻	Name Description Status	
E-testing center		
Surveys		
Training courses		
Reporting •		
🗘 System 🔺		
Settings and customization		
Integrations		
Maintenance		
Sign out		
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- 4. Enter a name.
- 5. Enter a description (optional).
- 6. Click the "Save" button.

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		Single sign-on Webex settings	LRS settings Active	directory Proctoring settings E-commerce LTI settings OpenID settings	
fi Home		LTI settings Set up LTI integrations with external application	ons. YouTestMe GetCertified can be	configured as an LTI Tool provider by onesting an LTI configuration. Connect the enternal application (LTI consume) using the oversed LTI configuration. The users from the external application will be able to access	YouTestMe GetCertified
Assignments	*	tests seamlessly and receive the results back Add new LTI configuration	to the external application. You can	preview the existing IT configurations on this page. Add new, update, or delete existing IT configurations.	
Users	*				
		Name	Description	Add new LTI configuration ×	
Tests 🐚	Ť	No LTI configurations.			
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				4 ILIAS Integration	
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Reporting	*			Status: O	
_				Enabled V	
System	•				
Settings and customizati	on			Cancel Save 6	
Integrations					
Maintenance					
i Sign out					

The LTI integration will be created. Click the pencil icon to preview integration details or edit the integration name, description, and status.

Username admin		Update LTI configuration ×	Search users 🔹 💿 😥 📫
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A Home	LTI settings Set up LTI integrations with external applications. YouTestMe GetCertified can be o	Name."  w] using the overred LT configuration. The users from the external a	
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Settings and customization			
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Maintenance		LTI version: © LTI-1p0	
Sign out		mu cha	
		Cancel Save	
		Carrier Sarre	
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"Consumer key", "Secret key", and "Message URL" will be used for External Content configuration in ILIAS.



## 3 Creating a test

For more information on how to create a test, create a testing session, and assign candidates to it, read the following article:

• How to create a test and schedule a testing session

To perform this testing successfully, the following rules must be met:

- 1. To allow candidates to retake the test, you should:
  - 1.1. Check the "Allow test retaking" option.
  - 1.2. Allow users to retake the test an unlimited number of times ("**Unlimited**"), or limit the number of test-retake attempts ("**Limited**").
  - 1.3. Set the time required to pass between each retake attempt. Define the period in days, hours, and minutes.

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Assignments	Sep 1 Test information Settings	Day 3 Day 5 Day 5 Day 5 Day 5 Day 5 Day 6	g Sny 7 Review Save Sate Next ->
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		<ul> <li>                 United         </li> </ul> Yes                   Winnee                   Winnee                     Time between attempts                   ①                 ①	
		Additional possibilities for candidates           Enable 1 dott team answer to avoid negative points           Enable nativer feedback. ©           Show question metadata to candidate. ©	
		Enderwore ©  Test taking limitations  Regular answering all questions	
		Cleable going backwards in test     Desble answer desetect:	
		Configure report lifegan  Automatically logant andidate after finanting  Require updating profile information	
		Enable browser lockdown ③     Hide assignment medadata ④     Menroli kazasa: ④     Min desodis ③ Internal celevori.	
		Note advanced settings 🧄	



2. Set the "Show report" option to "Immediately after finishing the test".

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A Home		Step 1 Test information	Step 2	Step 3 Certificate	Step 4 Method	Step 5 Add questions	Step 6 Grading	Step 7 Review	Step 8 Save test
Assignments	<b>~</b>	Test information	Step 2 Settings	Certificate	Method	Add questions	Grading	Review	Save test
Users	÷	< Back							Next $\rightarrow$
Tests	•				Test settings				
New test					Test template:		0		
Manage tests					Select one (optional)		~		
Manage certificates					Duration type: Unlimited	Page format:	•		
Question pools					Show report:	<ol> <li>Report content:</li> </ol>	Ū		
Grading scales					Immediately after finishing the te	st 🗸 Score and details	~		
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Surveys	*				Online		~		
Training courses	÷				Proctoring settings				
Reporting	<b>.</b>				Proctoring mode ①				
🕸 System	×				Pause and Repeat settings				

3. Enable the "Self-enrollment" option when creating a testing session.

sting session name:*			
Session			
cation (Optional setting):	0	Time zone:	0
Select one	~	Europe/Belgrade (GMT +1:00)	~
ailability:			0
sign to group (Optional settir	e):		0
Select group			~
sign to training (Optional set	ting):		0
Select training			~
ndidate self enrollment: ⑦			
	Show booking	g settings v	
	Show additiona	al settings v	



# 4 Setting up a course in ILIAS

Open the desired course and navigate to the "Content" tab.

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PERSONAL DESKTOP - REPOS	itory - certificates -	
♥ ♠ Repository     ♥ ⓒ Competence Center     ▶ ⊡ Content Production     ▶ Ⅲ Interoperability     ▶ □ Partners     □ Resources     ▶ □ YouTestMe	Repository * Competence Center * YouTestMe * Integration with ILIAS via LTI         Integration with ILIAS via LTI         Content       Info         Settings       Members         Learning Progress       Metadata         Export       Permissions       Certificate         View       Menage       Sorting       Customize Page	Actions +

Click the "Add New Item" button, then choose "External Content".

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	Repository » Competence Center » YouTestMe	-		Actions
🕨 📩 YouTestMe	Content Info Settings Members <u>View</u> Manage Sorting Customize Page	Learning Progress Metadata	Export Permissions Certificate	My Certificates •
		Organisation	Content	Add New Item -
		Folder	G File	Exercise
		Session	🕠 Weblink	😵 Test
		Category Link	Web Feed	
				Question Pool Test
		💂 Course Link	Content Page	Individual Assessment Feedback and Evaluation
		Group	El Wiki	Poll
		Item Group	Blog	C Survey
		Booking Pool	Learning Module ILIAS	Question Pool Survey
		Forum	Learning Module HTML	Other
		- Pordin	Learning Module SCORM	()) External Content
			Learning Sequence	
			Glossary	
			Data Collection	
			((ๆ)) Mediacast	
			┥ Media Pool	



Then:

- 1. Enter a title.
- 2. Select a type.
- 3. Click the "**Save**" button.

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Repository » Competence Center » YouTestMe » Integr	ation with ILIAS via LTI	
📕 Integration with ILIAS v	a LTI	
NEW EXTERNAL CONTENT		Save
NEW EXTERNAL CONTENT	LTI test	Save Cancel
1 Title *	LTI test Give the object a title	Save Cancel
1 Title *		Save Cancel
Title * Description		Save Cancel
Title * Description	Give the object a title The description will be shown below the title	Save Cance
1 Title * Description 2 Type *	Give the object a title	Save Cancel

- 4. In the "Launch URL" field, enter the "Message URL" from the YouTestMe GetCertified application.
- 5. In the "Launch Key" field, enter the "Consumer key" from the YouTestMe GetCertified application.
- 6. In the "Launch Secret" field, enter the "Secret key" from the YouTestMe GetCertified application.

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PERSONAL DESKTOP - REPOSITOR	RY - CERTIFICATES -	
Online	This makes the object visible and usable for the users	
LAUNCH DATA		
Launch URL *	Https://dev3.youtestme.com/qagc105lathorffx/hi URL of the LTI tool provider, e.g. https://ti.tools/test/tp.php	
Launch Key 📢	b4b24551b31792b2as487b5b32825a87 Key of the tool that should be shown, e.g. 12345	
Launch Secret 🗧	serret_a38#80ec46800ff5a65187208d09f6dd Shared secret from the tool provider, e.g. secret	
Custom Parameters	custom testing session_id=11784 Please enter them in the form param1=value1; param2=value2	©
APPEARANCE		
Tool Presentation	C Embedded Show the tool embedded on the content page. Same Window Open the tool in the same window. It can show a back link. O New Window Open the tool in a new browser window	
Tool Call	○ Manual The tool is called by 'Press to launch'. ○ Automatically ○ Auto by Link The tool is called automatically when the goto link includes an 'autostart' suffix, e.g. goto.php?target=xxco_123_autostart	
Debug Data	Show a link to view the data passed to the tool provider	
desk		Save Cancel

7. In the "Custom parameters" field, enter two possible options:



a. "custom\_testing\_session\_id=" - the ID of the testing session in which the candidates need to take the test.

The **Testing sessions ID** in the YouTestMe GetCertified application can be found in the top left corner of the created session.



b. "custom\_test\_id=" - the ID of the test. <u>Note:</u> If this parameter is specified, the candidate will not be directly assigned to the testing session but will have an option to choose one of the available self-enrollment testing sessions.

The **Test ID** in the YouTestMe GetCertified application can be found in the top left corner of the Basing information tab in the test settings.

	All tests (1366) / Test 14.6.2022. • Set	iearch tests • Options • 🔍 Q Search users • 🕐 😥 📮
	Settings Testing sessions	Candidates Monitoring Questions Grading configuration Report builder Summary report Managers Proctors Author < 🗲
ń	Basic information	Test basic info
63	In-test configuration	Test ID: Test status: 101957 Published
**	Duration and layout	Test name:*
62	Report settings	Test 14.6.2022.
⊟	Pause and Repeat settings Security settings	Test description:
Ŧ	Result validity settings	Labet: ()
	Certificate	Test instructions:
\$	External attributes	
l)	Mobile settings	Test acknowledgment:
>>	Score report settings	I understand and agree with the instructions and rules of this assignment

**Note:** If both parameters are specified, the "**custom\_test\_id=**" will take priority.



*Please check the picture below to see an example of how to enter text in the* "*Custom parameters*" *field properly.* 

#### For "custom\_testing\_session\_id=":

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PERSONAL DESKTOP - REPOSITOR	✓ CERTIFICATES ▼		
Online	This makes the object visible and usable for the users		
LAUNCH DATA			
Launch URL *	https://dev3.youtestme.com/qegc105lathoffs/lti URL of the LTI tool provider, e.g. https://lti.lools/test/tp.php		
Launch Key *	b4b24551b31792b2ae487b5b32825a87 Key of the tool that should be shown, e.g. 12345		
Launch Secret *	secret_a38780ec46800/F5a65187208409/f6dd Shared secret from the tool provider, e.g. secret		
Custom Parameters	custom_testing_session_id=11784 Please enter them in the form param1=value1: param2=value2	6	
APPEARANCE			

#### For "custom\_test\_id=":

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LAUNCH DATA		
Launch URL *	http://localhost:8080/ytm.webview/lti	
	URL of the LTI tool provider, e.g. https://lti.tools/test/tp.php	
Launch Key *	21321ssaczxcsaeq2eascsdqedscaseqwedasc	
	Key of the tool that should be shown, e.g. 12345	
Launch Secret *	secret	
	Shared secret from the tool provider, e.g. secret	
Custom Parameters	custom_test_id=100457	
	Please enter them in the form param1=value1; param2=value2	
	r nume sinse menner vie territ person i "tanses, persone "tanses.	
APPEARANCE		



- 8. A suggestion is to check "Same widow" for the "Tool presentation" option.
- 9. It would be useful to enable the "**Debug Data**" option.

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PERSONAL DESKTOP - REPOSITOR	Y ▼ CERTIFICATES ▼	
Launch Secret * Custom Parameters	Key of the tool that should be shown, e.g. 12345  secret_a38R0ec46800H75e5187208d09H6dd Shared secret from the tool provider, e.g. secret  custom testing_session_id=11784  Please enter them in the form param1=value1; param2=value2	6
APPEARANCE		
8 Tool Presentation	Embedded Show the tool embedded on the content page.     Snaw Window Open the tool in the same window. It can show a back link.     O New Window Open the tool in a new browser window	
Tool Call	O Manual The tool is called by 'Press to launch'. O Automatically The tool is called automatically. O Auto by Link The tool is called automatically when the goto link includes an 'autostart' suffix, e.g. goto.php?target=xxxco_123_autostart	
9 Debug Data	Show a link to view the data passed to the tool provider	
* Required		Save Cancel

- 10. Navigate to the "Learning Progress" tab.
- 11. For the "Modus" option, set "Active".
- 12. Click the "Save" button.

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(i) LTI test Ontent information in the status is set to "Completed" or "Failed". ELERRNING PROGRESS SETTINGS I Moduse in the learning progress is not stored for this object. I Moduse in the learning progress is not stored for this object. I Moduse in the learning progress is not stored for this object. I Moduse in the learning progress is not stored for this object. I Moduse in the learning progress is not stored for this object. I Moduse in the learning progress is not stored for this object. I make in the interving progress is to the content is viewed. The 'Completed' or "Failed' status is set by the result of an LTI call. I make in the interving progress is not stored for this object. I make in the interving progress is not stored for this object. I make in the interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not stored for this object. I make interving progress is not store	PERSONAL DESKTOP - REPOSITOR	Y - CERTIFICATES -
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LEARNING PROGRESS SETTINGS	Content Info Settings Learning Progress	Permissions
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The learning progress is not stored for this object.  Active The 'In Progress' status ist set when the content is viewed. The 'Completed' or 'Failed' status is set by the result of an LTI call.  Passing Threshold •  Passing Threshold •  CoD Format: ###.##  If a transmitted LTI outcome is equal or higher than this threshold, then the status is set to 'Completed', otherwise to 'Failed'.	Settings Users Summary	
* Required		
	LEARNING PROGRESS SETTINGS	The learning progress is not stored for this object.  Active The 'in Progress' status is set when the content is viewed. The 'Completed' or 'Failed' status is set by the result of an LTI call.  Passing Threshold *  0.50 Format: ###### If a transmitted LTI outcome is equal or higher than this threshold, then the status is set to 'Completed', otherwise to



## **5** Assigning members to the course

To assign the desired members to the course:

- 1. Navigate to the "Members" tab.
- 2. Enter a member name in the "User" field and choose the desired account from the list.
- 3. Click the "**Add**" button.



#### 6 Taking the test

Once open the desired course, do the following:

1. Click on the test name.

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80	Repository     G Conjectence Center     Content Production     Timeropeability     Partners     Resources     YouTestMe	Repository » Competence Center » YouTestMe » Integration with ILMS via LTI  The Integration with ILIAS via LTI  Content info Settings Members Learning Progress Metadata Export Permissions Certificate My Vaz: Manage Soring Customice Page CONTENT	Actions - Certificates
		n()) LTI test Status: Offline	



2. Click the "Press to launch" button to start the test.

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Repository » Competence Center » YouTestMe » Integration with ILAS via LTI » LTI test	
•()) LTI test	
Contene Info Settings Learning Progress Permissions	
Press to lauron Show Debug Data	

- 3. Assignment overview page will be displayed. Click the "**Start**" button and acknowledge the test instructions.
- 4. Start the test by clicking the "Start" button.

Instructions	×
Test name:	Total duration:
Instructions:	
I understand and agree with the instr	uctions and rules of this assignment
4	Start

5. Answer questions, then finish the test by clicking the "**Finish test**" button.

		Test LTI	l	Next question		Finis	h test
Question: 1/2	Type: Single choice				K	Progress bar	1/2
What's the name of the plan	et we live on?						174
						All questions (2)	Review list (0)
						1 2	
						Not answered Ans	wered
Select one correct answer from the	list						
A. Earth				۲			
B. Mars							
C. Saturn							
D. Uranus							



Depending on the test settings, you may be able to preview the test report. To log out from the YouTestMe GetCertified application, click the "**Sign out**" button.

If the "**Same Window**" is previously set for the "**Tool presentation**" option in ILIAS, you will be navigated to the course page again.

If the test retaking is allowed, the candidates can click the "**Press to launch**" button to retake the test in the same way they started the test for the first time. They will be navigated to the YouTestMe application where the "**Retake**" button should be available.

		Previous attempt
÷	User group None	Location     None
<u>~</u> ]	Result validity Unlimited	C.00%
	Completed at: Jun-24-2022 11:48 AM	CEST

In case the candidates want to access their report, they should click "Personal report" button.

	•		Previous attempt
	User group	0	Location
	None		None
~	Result validity Unlimited		Score 0.00%
_		-	0.00%
-	Completed at: Jun-24-2022 11:48 AN	ACEST	
	JUN-24-2022 11:46 Ar	VICESI	



## 7 Constraints

• The testing session must be "Active" when accessing the test link.

