

Requirement	Retake attempt and access personal report via LTI
Author	YouTestMe
Confidentiality	Public
Last save date	Friday, August-26-2022 at 4:13:00 PM

Table of Contents

1	Introduction	. 1
2	Creating an LTI configuration	. 2
3	Creating a test	.4
4	Setting up a course in ILIAS	.6
5	Assigning members to the course	11
6	Taking the test	11
7	Constraints	14

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 Webex settings LRS settings Active directory Proctoring settings E-commerce LT settings OpenID settings
Home Assignments	LTI settings Brig LTI Integrationa with external applications, YouTestMo Certartified can be configured as an LTI Tool provide by creating an LTI configuration. Connect the external application (LTI consume) using the created LTI configuration. The users from the external application will be able to access YouTestMo GeCentified tests semilarity and reactive the result back to the external application. You can preview the existing LTI configurations on this page. Add new, update, or delive existing LTI configurations. Add new LTI configuration.
🗑 Tests 👻	Name Description Status No.LT configurations.
E-testing center	())) 10 • Rows: 0
Surveys	
Training courses	
Reporting *	
🕸 System 🔶	
Settings and customization	
Integrations	
Maintenance	
Sign out	
(%)	



- 4. Enter a name.
- 5. Enter a description (optional).
- 6. Click the "Save" button.

Username admin				Q Search users +	00
		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.			
E-testing center	÷		« < >	Name*	
				ILIAS Integration	
Surveys	Ť			Description:	
Training courses	٠			9	
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			search users 🔹 💿 👰
	Single sign-on Webex settings LRS settings Active	opuate El Configuration	
A Home	LTI settings	Name*	
Assignments	set up cli integrations with external applications. You restore detectives can be t tests seamlessly and receive the results back to the external application. You can	ILIAS Integration	plication will be able to access You restime GetCertined
	Add new LTI configuration	Description:	
🔐 Users 👻	Name		
🗑 Tests 👻	LLIAS Integration	Status (
		Enabled	
E-testing center *		Annual III	
Surveys		b905fe2f6236e631018df234c74b2373	
Training courses			
_		secret_b19cc77a25ca84b02f357e37ea779a08	
Reporting 👻			
🗘 System 🔶		Signature method: (0)	
Settings and customization			
Integrations		Message URL: 0 https://dev1.voutestme.com/articles110/lti	
Maintenance		LTI VERSION: ()	
Sign out		mu cha	
		Capel	
		Carrier Sarre	
(K)			

"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.

Username admin			Q Search users 👻 🗿 😥 🜲
Assignments	Sep 1 Test information Service Basings	Day 3 Day 5 Day 5 Day 5 Day 5 Day 5 Day 6	j Sny 7 Review Save Satt
😫 Users 👻 🔍		Test settings Terrangene O	
Manage tests Manage certificates Question pools		Select sex (spools) ~ Summers, Page format; 0 Utilimited One dependence per page 0 Bern wart; 0; Bern stances; 0;	
Grading scales		Immediately after finishing the test v Score and details v	
Surveys Training courses		Onine Proctoring settings Proctoring settings	
System		Pause and Repeat settings Allow test continuation	
		Test retaining settings Also private private of the amount of distancial line regional to your between the law of the retain energy in a settings a system? Test strength.	
		 United Yes Winnee Winnee Time between attempts ① ①	
		Additional possibilities for candidates Enable 1 dott team answer to word 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 Menrolk assas: ④ Min desodis ③ Internal celevork	
		Note advanced settings 🧄	



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

Username admin				Q Search users	• 0 0 •
A Home	Step 1 Step 2 Step 2	Step 4 Step 5	Step 6	Step 7	Step 8
Assignments 👻	rest information Settings Certificate	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: Page format: Unlimited V One question per page	© ~		
Question pools		Show report: O Report content:	O		
Grading scales		Immediately after finishing the test $ \lor $ Score and details	~		
🗊 E-testing center 👻		Delivery preference:	0		
Surveys		Online	~		
Training courses		Proctoring settings			
Reporting •		Proctoring mode (0)			
🕸 System		Pause and Repeat settings			

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

esting session name:*			
Session			
ocation (Optional setting):	0	Time zone:	0
Select one	~	Europe/Belgrade (GMT +1:00)	~
vailability:			0
sign to group (Optional setting)	:		0
Select group			~
sign to training (Optional settin	g):		0
Select training			~
ndidate self enrollment: ⑦			
	Show booking	settings v	
	Show additions	al settings v	



4 Setting up a course in ILIAS

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

E-Learning LAT		∞ Q Im -
PERSONAL DESKTOP - REPO	SITORY - CERTIFICATES -	
 ♥ ♠ Repository ♥ ⊙ Competence Center ▶ ○ Content Production ▶ ☐ 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 Centent Info Settings Members Learning Progress Metadata Export Permissions Centent Info Settings Customize Page	Actions • • Add New Item •

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

E-Learning LAT			× Q
PERSONAL DESKTOP - REP	DSITORY - CERTIFICATES -		
Repository GOMPATENCE Center Gontent Production Trainteroperability Dentners Resources YouTestMe	Repository > Competence Center > YouTestMe > Integration with ILIAS via Integration with ILIAS via LTI Content Info Settings Members Learning Progress M View Manage Sorting Customice Page	ia LTI Metadata Export Permissions Certificate My	Actions → / Certificates →
	Organisation ☐ Folder ② Session ☐ Category Link Q Course Link 342 Group ☐ Item Group 112 Booking Pool Communication R Forum	Content Content Content Veb Feed Content Page Viki Vki Vki Vki Content Page Content Page Content P	Add New Item Assessment Exercise Control Test Control



Then:

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

E-Learning LAT		⊠ Q Im -
PERSONAL DESKTOP - REPOSITORY	✓ CERTIFICATES ~	
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
NEW EXTERNAL CONTENT	LTI test Give the object a title	Save Cancel
NEW EXTERNAL CONTENT	LTI test Give the object a title	Save Cancel
NEW EXTERNAL CONTENT	LTI test Give the object a title The description will be shown below the title	Save Cancel
NEW EXTERNAL CONTENT 1 Title * Description 2 Type *	LTI test Give the object a title The description will be shown below the title © LTI 1.1 (English Interface)	Save Cance
NEW EXTERNAL CONTENT 1 Title * Description 2 Type *	LTI test Give the object a title The description will be shown below the title The 1.1 (English interface) LTI 1.1 (English interface) LTI 1.1 with Basic Outcome Service, see http://developers.imsglobal.org	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.

E-Learning LAT		🛛 Q 🥅 🔻
PERSONAL DESKTOP - REPOSITOR	RY - CERTIFICATES -	
Online	This makes the object visible and usable for the users	
LAUNCH DATA		
Launch URL *	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 restor.ld=11784 Place 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		Sava 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	earch tests • Options • Q Search users • Q Q
11	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	
19	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=":

E-Learning LAT		🛛 Q 🥅 -	
PERSONAL DESKTOP • REPOSITOR	✓ CERTIFICATES ▼		
Online	This makes the object visible and usable for the users		
LAUNCH DATA			
Launch URL *	https://dev3.yourestme.com/qagc105lathotfix/lti URL of the LTI tool provider, e.g. https://lti.lools/test/tp.php		
Launch Key *	b4b24551b31792b2aa487b5b232825887 Key of the tool that should be shown, e.g. 12345		
Launch Secret *	secret_a38780ec46800ff5a65187208409f6dd 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	© į	
APPEARANCE			

For "custom_test_id=":

E-Learning LAT	🗷 Q 📠	•
PERSONAL DESKTOP - REPOSITOR	Y - CERTIFICATES -	
LAUNCH DATA		
Launch URL *	http://localhost.8080/ytm.webview/lti	
	URL of the LTI tool provider, e.g. https://ti.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	
	Plaase enter them in the form naram I avalue1: naram2avalue2	11
	т надае чтор, многт и сило остот рананто - халост, рананто - халосо	
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.

E-Learning LAT		≅ Q m •
PERSONAL DESKTOP - REPOSITOR	Y ▼ CERTIFICATES ▼	
Launch Secret * Custom Parameters	Key of the tool that should be shown, e.g. 12345 secret_a38r80ec46800ff5a65187208d09f6dd Shared secret from the tool provider, e.g. secret custom testing_session_id=11784 Please enter them in the form param1=value1; param2=value2	٦
APPEARANCE		
8 Tool Presentation	C Embedded Show the tool embedded on the content page. Show 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.

PERSONAL DESKTOP · REPOSITOR · CERTIFICATES · PERSONAL DESKTOP · REPOSITOR · CERTIFICATES · Personation · Content · VouTestMe » Integration with ILAS via LTI » LTI test (1) LTI test (0) Content info Settings Content info Setting Content info Content info Content info Content info Content inf	E-Learning LAT	
Repository * Competence Center * YouTestMe * Integration with ILIAS Via LTI * LTI test Image: Content info Settings Learning Progress Permissions Settings Users Summay LEARNING PROGRESS SETTINGS Image: Content info Settings Learning progress is not stored for this object. Image: Content info Settings Learning progress is not stored for this object. Image: Content info Settings Learning progress is not stored for this object. Image: Content info Settings Learning progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is informating progress is not stored for this object. Image: Content is inf	PERSONAL DESKTOP - REPOSITOR	Y - CERTIFICATES -
) LTI test Content info Settings Verses Summary ELARNING PROGRESS SETTINGS 11 Modus O Inactive The learning progress is not stored for this object. • Active The learning progress is not stored for this object. • Active The learning progress is not stored for this object. • Active The learning progress is not stored for this object. • Active 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 * 050 Format: ###.## If a transmitted LTI outcome is equal or higher than this threshold, then the status is set to 'Completed', otherwise to 'Failed'.	Repository » Competence Center » YouTestMe » Inter	gration with ILIAS via LTI » LTI test
Content Info Settings Learning Progress Permissions Sattings Users Summary LEARNING PROGRESS SETTINGS Image: Settings Image: Settings Image: Settings Image: Settings Image: Set	■()) LTI test	
Settings Users Summary LEARNING PROGRESS SETTINGS Image: Completed on the completed	Content Info Settings Learning Progress	Permissions
LEARNING PROGRESS SETTINGS 11 Modus* O Inactive The learning progress is not stored for this object. Image: Completed on 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 'Failed'.		
Andus O Inactive The learning progress is not stored for this object. Passing Threshold	Settings Users Summary	
* Required	Settings Users Summary	
	Settings Users Summary LEARNING PROGRESS SETTINGS 10 Modus *	Inactive 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 * 0.50 Format: ###.## If a transmitted LTI outcome is equal or higher than this threshold, then the status is set to 'Completed', otherwise to 'Failed'.



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.

E-Learning LAT		🔤 Q 📶 -
PERSONAL DESKTOP - REP	DSITORY + CERTIFICATES +	
Repository G. Competence Center Content Production Detrine Troduction Resources Resources YouTestMe	Repository * Competence Center * YouTestMe * Integration with ILHAS via LTI Integration with ILLAS via LTI Content Info Settings Members Learning Progress Metadata Export Permissions Certificate View Manage Sorting Customize Page CONTENT	Actions - My Certificates
	n()) LTI test Status: Offine	•



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

E-Learning LAT	⊠ Q m -
PERSONAL DESKTOP + REPOSITORY + CERTIFICATES +	
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	N	ext question	Finish	test
Question: 1/2	Type: Single choice			F	Progress bar	1/2
What's the name of the plan	et we live on?					
					All questions (2)	Review list (0)
					1 2	
					Not answered Answ	wered
Select one correct answer from the	list					
A. Earth				•		
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	Score 0.00%
	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		Score
_	Unlimited	-	0.00%
-	Completed at:	ACEST	
	JUN-24-2022 11:46 Ar	VICESI	



7 Constraints

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

