

Requirement	Integration with ILIAS (v.5.4) via LTI
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1 Introduction

This article explains how to integrate YouTestMe GetCertified with ILIAS via LTI. *Integration is conducted with the 5.4. version of ILIAS.*



2 Creating an LTI configuration

To set up the integration:

1. Hover over the "System" section in the main menu, then select "Integrations".



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

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

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Integrations				?
Single sign-on Webex settings LRS settings	Proctorio settings LTI settings			
LTI settings Set up LTI integrations with external applications. YouTestM application will be able to access YouTestMe GetCertified te Add new LTI configuration	sts seamlessly and receive the results back to the ex	ternal application. You can preview the existing LTI configu		
# Name	Add new LTI cor	ntiguration	^	
No data	4 Name:*	ILIAS Integration		
	5 Description:			
	Status: 🗇	Enabled	•	
		Save		

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

Update LTI config	uration	>
Name:*	ILIAS Integration	
Description:		
Status: ⑦	Enabled	-
Consumer key: 🕐	4bde13d62094e78c51b8fb4f9d28cca5	Ð
Secret key: 💿	secret_5c07e7e73af0229047ec9dfd0c06aa0e	2
Signature method:	ව HMAC-SHA1	
Message URL:	https://dev3.youtestme.com/qagc105lathotf	Ð
LTI version: ⑦	LTI-1p0	
	Save	

"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 publish the test, see the following articles:

- How to create a simple test without sections
- How to create a test with sections

If candidates are allowed to pause the test and continue the test-taking later, you should enable the "Allow test continuation" option while creating a test.

Additionally, candidates will be able to continue the test without the test manager's intervention in case of test interruption (e.g. lost internet connection).

A Search users ▼	My assignments Users • Tests • Surveys • Training courses Reporting • System •	🕲 i 🗘 i 🖳 🛞 r
	Page format: O One question per page *	
	Show report: ① Immediately after result grading +	
	Report content: [®] Score and details ~	
	☐ Hide assignment metadata ⑦	
	Configure report lifespan ⑦ Play video	
	Require answering all questions	
	Enable 'I don't know' answer to avoid negative points	
	Disable going backwards in test	
	Disable answer deselect 💿	
	Enable answer feedback ③ <i>Play video</i>	
	\square Show question metadata to candidate \odot	
	Enable notes ⑦ Play video	
	Automatically logout candidate after finishing \odot	
	Require updating profile information ⑦ <u>Play video</u>	
	Proctoring mode 🗇	
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	Allow test retaking (1) <i>Play video</i>	
	Enable browser lockdown [®] <u>Play video</u>	
	Network access: O All networks Internal network	



The picture below shows the test-taking page from the candidate's perspective when test continuation is allowed.

	Finish test	
	Progress bar	
▶		
	Questions	
	Test LTI	
0	All questions (3)	Review list (0)
0	1 2 3	
0	Not answered A	nswered
0		
	0 0	Progress bar Progress bar Questions Test LTI All questions (3) 1 2 3

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 » YouTestMe » Integration with ILIAS via LTI Integration with ILIAS via LTI
► nesources ► ► YouTestMe	Content Info Settings Members Learning Progress Metadata Export Permissions Certificate My Certificates • View Manage Sorting Customize Page Add New Item Add New Item </td

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







Then:

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

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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 - REPOSITO	RY - CERTIFICATES -	
Online	This makes the object visible and usable for the users	
LAUNCH DATA		
Launch URL	https://dex3.youtestme.com/qagct05lathoftiv/lit URL of the LTi tool provider, e.g. https://tit.tools/test/tip.php	
Launch Key *	b4b24551b31792b2ae487b5b32825887 Key of the tool that should be shown, e.g. 12345	
Launch Secret *	secret_a38#80ec46800#5a65187208d09#6dd Shared secret from the tool provider, e.g. secret	
Custom Parameters	custom_testing_session_id=11784	©
APPEARANCE	Please enter them in the form param1-walue1; param2-walue2	
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	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→oxco_123_autostart	
Debug Data	Show a link to view the data passed to the tool provider	

7. In the "**Custom parameters**" field, enter "**custom_testing_session_id=**" and 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 "**Details**" preview of the "**Testing sessions**" tab for the desired test.

Manage tests								
All tests (331) >	Test	LTI						\equiv
Settings Testing ses	ions	Candidates Monitoring Q	uestions Grading scales	Report builder Su	nmary report Managers Proc	ctors		\mathbf{i}
Organize your test into testi	g session	s. Define when and where the test-taking	g will be allowed. Allow candidate	es to self-enroll into session o	hand-pick them. <u>Play video</u>			
New testing session		Load testing sessions						Grid Details
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11789		Session	Feb-28-2022 06:	00 PM EST	Mar-29-2022 06:38 AM EDT		No	â d 🖍 🔒 🛍
					10 🗸			Rows: 1

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

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PERSONAL DESKTOP - REPOSITOR	Y - CERTIFICATES -
Online	This makes the object visible and usable for the users
LAUNCH DATA	
Launch URL *	https://dex3.youtestme.com/qagc105/athoffs/fisi URL of the LTI tool provider, e.g. https://til.tools/test/tp.php
Launch Key *	b4b24551b31792b2ax487b5b32825x87 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 Image: Control of the imag
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 -	
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APPEARANCE		
8 Tool Presentation	C Embedded Show the tool embedded on the content page. Show 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=>occo_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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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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		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 ILIAS via LTI » LTI test	
■()) LTI test	
Content Info Settings Learning Progress Permissions	
Press to launch Show Debug Data	

- 3. Acknowledge the test instructions.
- 4. Start the test by clicking the "**Start**" button.

	Instructions	
		GetCertified
	Test name:	Test LTI
	Total duration:	01:00:00 (hh:mm:ss)
	Instructions:	
3	✓ I understand and	agree with the instructions and rules of this assignment
		4 Start

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







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.

(Imsg0066 Personal report		Export -	Question pools			
reisonarreport			Question pool	Passing mark	Score	Status
Test name:	Test LTI		Astronomy	50%	5.00% (1/20 points) 1 correct, 1 incorrect, 1 skipped questions	Failed
Label:			Questions			
Started:	Mar-03-2022 01:03 PM UTC		Test version: Test version 1			
Finished:	Mar-03-2022 01:04 PM UTC		Question: 1 of 3 Type: Sing	le choice Points:5 Pena	Ity. 1 Difficulty: Easy Question pool: Astronomy	
Time spent:	00:01:05		The groupations of star	s that form a shape (s	uch as Crux and Ursa Major) are called:	
Passing score:	50.0%					
Score:	5.0%		1 9 39 9			
Result:	Failed		and the second	Ant in		
Verification dat	e: Not verified					
			Answers:			
			1. Stellas			
			2. Stragates			
			3. Stargroups			
			4. Constables			
			5. Constellations			1

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 continuation is allowed, the candidates can click the "**Continue later**" button on the testtaking page and then continue the test later in the same way they started the test. The same rules apply if the test is interrupted for some reason (e.g., lost internet connection).

Depending on the test settings ("**Show report**" option configuration) in YouTestMe GetCertified, the candidate's report will be shown in the "**Learning progress**" tab in ILIAS.

- **Immediately after finishing the test** The candidate will see the report even if there are questions that should be graded.
- Immediately after result grading The candidate will see the report after all questions are graded.
- Immediately after result verification The candidate will see the report after result verification.
- **On manager's approval** You can hold the report and choose when to release it for one or all candidates.
- Real-time grading



7 Constraints

• The assigned testing session must be "Available now" when accessing the test link.

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Manage tests All tests (331) > Test LTI					
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• Test attempts must have "Not attempted" or "Ready to continue" status.

ts	Manage tests										= ?
]	All tests (33	1) > lest LII									
	Settings Testin	ng sessions Candidates	Monitorin	g Questions	Grading scales Report bu	uilder Summary repo	ort Managers	Proctors			
)	Testing sessi Show all candidate			ion - Candidat emove candidates from	ES this test. View test attempts and	grade them.					
	Session	1 3	Add	candidates							
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