YouTestMe

LTI Integration

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1 Introduction

This document explains how to connect the YouTestMe test to the ILIAS, start the test from ILIAS course, and review the grade sent from YouTestMe.

2 Organizing a testing session

Once you have created a test, you should organize a testing session.

For more information on how to create a simple test, please check this <u>link</u>. Also, for instructions on creating tests with sections, watch this <u>video</u>.

To access the **"Testing session**" page for the test, navigate to **"Tests**" in the main menu, then select **"Manage tests**".



After the table with all uploaded tests is displayed, open the desired test.

R	Search users	-					My assig	nments	Users 🗸 Test	ts 👻	Surveys - Training courses	Reporting 👻		🌣 🖾 🕂 🚆
s	Manage tests All tests (9)												Ne	w test
	On the left side menu, The table below shows Tests that have the sta	you can s the list atus "Dra	find tests categorized by tl of tests you can manage. I ift" have not been published	heir statuses. Filter and search the d and can still be full	tests ly edit	by multiple categ ed. Published test	pories. Creat ts can be on	e a new te ily partially	st by clicking the "New Tes y modified. You can always	st" butt s create	on in the top right corner. more sessions and assign new candidates.	Suspended tests are permanently disabled.		
	Name	٥	Creation date 👻	Status	¢	ID ¢	Extern	al ID ¢	Creation type	٥	Report displayed \$	Report content \$	Page format ≎	Network access
	Search	Q		Select one	~	Search 🔎	Search	Q	Select one	~	Select one	Select one	Select one	Select one
	Cyber Security Cert	tifica	Jul-07-2021	Published		1805		131119	Manually created		Real-time grading	Score and details	One question per page	All networks
	Main Demo Test		Jun-25-2021	Published)	1797		347865	Test with sections	5	Immediately after finishing	Score and details	One question per page	All networks
	Automated Proctor	ring	Apr-13-2020	Published		1715		569274	Manually created		Immediately after finishing	Score and details	One question per page	All networks
	Browser Lockdown	De	Apr-13-2020	Published		1714		214568	Manually created		Immediately after finishing	Score and details	One question per page	All networks
5	Report Builder Test		Nov-05-2019	Published		1676		345285	Test with sections	5	Immediately after finishing	Score only	One question per page	All networks
	Improved Exam De	mo	Oct-05-2018	Published		1562		783524	Manually created		Immediately after finishing	Score and details	One question per page	All networks
	Question Pools Der	mo T	Aug-01-2018	Published		1420		783542	Generated		Immediately after finishing	Score and details	One question per page	All networks
	Multimedia Demo 1	Test	May-14-2018	Published		1280		293874	Generated		Immediately after finishing	Score and details	One question per page	All networks
	Timed Questions D	lemo	May-11-2018	Published		1260		658749	Generated		Immediately after finishing	Score and details	One question per page	All networks
	Displayed colu	mns								1	10			Powe: 0



Then, navigate to the "Testing sessions" tab.

î		signments Users 🗸	Tests 🗸 Surveys 🗸	Training courses	Reporting 🖌	🌣 💷 🖓 📮 🎯
Tests	Manage tests					
	All tests (13) > Cyber Security Certification Test					
₽	Internal Certification Test					
0	Settings Testing sessions Candidates Monitoring Questions	Grading scales Report b	ouilder Summary report	Managers Procto	ors	
ō	Organize your test into testing sessions. Define when and where the test-taking will be allow	ed. Allow candidates to self-enroll	I into session or hand-pick them	. <u>Play video</u>		
	New testing session					Grid Details
	Session - Finance department 🖉 🗓	Session - HR department	t	2 🗓	Session - IT department	2 🔟
	Available now	Available now			Available now	
	O Location: Toronto	O Location:	Toronto		Ø Location:	Toronto
0	(C) Start time: Jul-07-2021 12:00 AM EDT	🛱 Start time:	Jul-07-2021 12:00 AM ED	т	🕼 Start time:	Jul-07-2021 12:00 AM EDT
	(C) End time: Aug-31-2022 12:00 AM EDT	🕚 End time:	Aug-31-2022 12:00 AM ED	т	🕚 End time:	Aug-31-2022 12:00 AM EDT
	♂ Copy access link:	Copy access link:	£		Copy access link:	8
	🙉 Copy meeting link: -	🙉 Copy meeting link:			Copy meeting link:	
	Training course: -	Training course:	-		Training course:	
	A Group: Finance	APA Group:	Human Resources		APA Group:	п
	$\stackrel{>}{\sim}$ Candidates: 16 \oplus	$\mathcal{L}_{\mathfrak{D}}$ Candidates:	13 🕀		$\mathcal{L}_{\!$	18 🕀
	\$ Pricing: - Set price Remove	\$ Pricing:	-		\$ Pricing:	- Set price Remove
	Booking deadline: -	Booking deadline:			Booking deadline:	
	${\mathbb C}_{\times}^{*}$ Cancelation deadline: -	🗒 Cancelation deadline	e: -		🗒 Cancelation deadline	e -
	Session protection : Unlocked	Session protection :	Unlocked		Session protection :	Unlocked

<u>Note</u>: The session must be ongoing when the test is started from ILIAS.

To create a testing session:

1. Click the "New testing session" button.

î			My assignments Users 👻	Tests - Surveys -	Training courses	Reporting 👻	🌣 🖾 🕂 🚆 🌘
Tests	Manage tests						
	All tests (13) → Cyb	er Security Certification Tes	t				
₽	Internal Certificatio	on Test					
0	Settings Testing session	s Candidates Monitoring Quest	ions Grading scales Report	builder Summary report	Managers Proct	tors	
6							
U	Organize your test into testing se	ssions. Define when and where the test-taking will	be allowed. Allow candidates to self-enro	bil into session or nand-pick ther	n. <u>Play video</u>		
	New testing session						Grid Details
	Session - Finance departs	ment 🖉	Session - HR departme	nt	2 🗓	Session - IT department	2 🗓
	Available now		Available now			Available now	
	O Location:	Toronto	O Location:	Toronto		O Location:	Toronto
	Start time:	Jul-07-2021 12:00 AM EDT	🔅 Start time:	Jul-07-2021 12:00 AM EE	т	① Start time:	Jul-07-2021 12:00 AM EDT
	C End time:	Aug-31-2022 12:00 AM EDT	🕚 End time:	Aug-31-2022 12:00 AM E	DT	🕄 End time:	Aug-31-2022 12:00 AM EDT
	Copy access link:	£	Copy access link:	£		ළු Copy access link:	٥
	🙉 Copy meeting link:		🙈 Copy meeting link:			🙈 Copy meeting link:	
	Training course:		Training course:	-		Training course:	-
	APA Group:	Finance	in Group:	Human Resources		APA Group:	п
	$\mathcal{L}_{\!\!\mathfrak{D}}$ Candidates:	16 🕀	$\mathcal{L}_{\mathfrak{D}}$ Candidates:	13 🕂		$\stackrel{\sim}{\sim}$ Candidates:	18 (+)
	\$ Pricing:	- Set price Rem	ove \$ Pricing:	-		\$ Pricing:	- Set price Remove
	Booking deadline:		Booking deadline:			Booking deadline:	
	🕄 Cancelation deadline:	-	🛱 Cancelation deadlin	ne: -		Cancelation deadline	c -
	Session protection :	Unlocked	Session protection	: Unlocked		Session protection :	Unlocked

- 2. Enter the session name.
- 3. Define the availability dates.
- 4. Turn on the "Candidate self enrolment" option.
- 5. Click the "**Save**" button.

î	🔎 Search user			My assignments Users 👻 Test	s -	Surveys 👻	Training courses	Reporting		🌣 🖾 🕂 🥮
Tests	Manage	ests	oer Security Certificat	New testing session				×		
	Intern	al Certificatio	on Test	Testing session name:*	2	TI Session				
0	Settings	Testing session	s Candidates Monitoring	Location: ⊘	s	elect one				
ō	Organize y New	our test into testing se esting session	ssions. Define when and where the te	Choose a location from a pre-existing list Time zone: The time zone attribute is used for setting the assignmen availability fields below	A	merica/Toro	nto (GMT -5:00)	¥		Grid Details
	Sessi	on - Finance depart	ment	Availability: Select starting and ending time for this session. Define	3 st	art:* Sep-	01-2021 00:00		IT department	2 11
	• A'	allable now		when the candidates will be able to take the assignment.	Er	nd:* Sep	30-2021 06:41		IDIE NOW	
	© С (С) S (С) E	art time: d time:	Jul-07-2021 12:00 AM EDT Aug-31-2022 12:00 AM EDT	Assign to group (Optional setting): Upon selecting the group, you will have to hand-pick the group members who will have access to the session or	S	elect group		¥	time: ime:	Jul-07-2021 12:00 AM EDT Aug-31-2022 12:00 AM EDT
	େ ୦	py access link:	8	whole group.	c				access link:	8
	in c	py meeting link:	-	Assign to training (Optional setting):	s	elect training		*	meeting link:	
	Θт	aining course:		Test can be started only from this training.					ing course:	
	828 G	oup:	Finance	Candidate self enrollment:	4	D) :	π
	2 ₀ c	indidates:	16 🕀	If this option is enabled, users will be able to, book, purchase or start the exam on their own, without the need					idates:	18 🕀
	\$ P	icing:	- Set	for the manager to schedule them manually. If this sessio is connected to a training course or a user group, the	n				ng:	- Set price Remove
	В	oking deadline:		assignment will automatically be available only to group					ing deadline:	
	ER C	ncelation deadline	-	5 Save	c	Cancel			elation deadline	: -
	f s	ssion protection :	Unlocked	E Session protection : Un	locked			T Ses	sion protection :	Unlocked

3 Connecting the test with ILIAS

To connect the test with ILIAS, you need the **Testing sessions ID** that could be found in the Details preview.

Search users	•	Му	assignments Users 🗸 Tests 🕶 Si	urveys 👻 Training courses Reporting 👻		💠 🖾 0 📮 🌘
ts Manage tests						
All tests ((13) > Cyber :	Security Certification Tea	st			≡ ?
Internal C	ertification 1	fest				
Settings T	esting sessions	Candidates Monitoring Quest	ons Grading scales Report builder Si	ummary report Managers Proctors	-	
) Organize your te	st into testing sessions	. Define when and where the test-taking will	be allowed. Allow candidates to self-enroll into session i	or hand-pick them. <u>Play video</u>		
New testin	a session 🔹					Grid Detalls
Testin	g session ID 🗢 🌣	Testing session name 🗘	Available from 0	Available to 0	Self-enrollment	Actions
	Q	Q				
10163		LTI Session	Sep-01-2021 12:00 AM EDT	Sep-30-2021 10:13 AM EDT	Yes	
10163		LTI Session Session - Finance department	Sep-01-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT	Sep-30-2021 10:13 AM EDT Aug-31-2022 12:00 AM EDT	Yes No	
10163 10157 10156		LTI Session Session - Finance department Session - HR department	Sep-01-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT	Sep-30-2021 10:13 AM EDT Aug-31-2022 12:00 AM EDT Aug-31-2022 12:00 AM EDT	Yes No No	
 10163 10157 10156 10155 		LTI Session Session - Finance department Session - HR department Session - IT department	Sep-01-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT	Sep-30-2021 10:13 AM EDT Aug-31-2022 12:00 AM EDT Aug-31-2022 12:00 AM EDT Aug-31-2022 12:00 AM EDT	Yes No No No No	
 10163 10157 10156 10155 10154 		LTI Session Session - Finance department Session - HR department Session - IT department Session - Management	Sep-01-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT Jul-07-2021 12:00 AM EDT	Sep-30-2021 10:13 AM EDT Aug-31-2022 12:00 AM EDT Aug-31-2022 12:00 AM EDT Aug-31-2022 12:00 AM EDT Aug-31-2022 12:00 AM EDT	Yes No	

4 Creating the test in ILIAS

The next step is to access ILIAS with an admin account. Then:

1. Navigate to "Administration".

ILIAS	Open Source eLearning						(2	ad
2 Dashboard	🗐 System Settings and Maintenance	> 🦿 🖉 Dashboard							
	E Layout and Navigation	> Favourites	Tasks						
<u>ITE</u> Repository	තී Users and Roles	> You have not yet selected any favourites. To do this, you must take two steps:	There ar	e no ti	asks for	r you.			
<u></u> Personal	A Personal Workspace	Click on 'Repository' and select a learning object from the available offer, e.g. a learning module or a forum. When you have found something that interests you, you can easily add it to your favourites. Select the desired item in the Actions menu and choose if add to forenize add to forenize the add to forenize the add to forenize the desired item in the Actions menu and the add to forenize the add	Calenda	ar		2024			•
Workspace	♀ Achievements	> Repository	Mo	Ти	We	Th	r Fr	Sa	Su
∑ Achievements	R Communication	>	6	7	1	2	3 10	4	5
6	Search and Find	> My Courses and Groups	13	14	15	16	17	18	19
Communication	$\frac{P}{2B}$ Organisational Units	YouTestMe	20	21	22	23 30	24	25	26
X	Extending ILIAS	> 🗮 L'Il course							iCal
	m Repository and Objects	>	Mail						
			This obje	ect is e	mpty a	and cor	ntains	no iten	ns.
	<	powered by ILIAS (v7.2 2021-06-25) · Legal Notice · Translation · Accessibility Control Concept							

- 2. Click "Extending ILIAS".
- 3. Choose the "LTI" component.

ILIAS	Open Source eLearning						C	2	ad
<u>Or</u> Dashbourd	System Settings and Maintenance	> Dashboard							
0.000	L Layout and Navigation	Favourites	Tasks						
111 Repository	档 Users and Roles	>	There a	re no t	asks fo	r you.			
य	A Personal Workspace	You have not yet selected any favourites. To do this, you must take two steps: Click on Repository and select a learning object from the available offer, e.g. a learning module or a forum. When you have found something that interests you, you can easily add it to your favourites. Select the desired item in the Actions menu and the selection of the selection	Calenc	lar					•
Warkspoce	\mathbbm{P} Achievements	>			set Set	o 2021 •	• •		
Achievements	Rg Communication	Repository	Ма	Ти	We 1	Th 2	Fr 3	5a 4	Su 5
	Q. Search and Find	S	6	7	8	9	10	11	12
ନ୍ଦ		My Courses and Groups	20	21	22	23	24	25	26
Communication	🖧 Organisational Units	YouTestMe	27	28	29	30			
Administration	Extending ILIAS	LTi course							iCal
	RE ECS								
3	Sh un		Mail This obj	ject is e	empty a	and co	ntains	no iter	ns.
	🕒 WebDAV								
	e+ +Ω xAPI/cmi5								
	© Plugins								
	밖 Third Party Software								
	/	powered by ILIAS (v7 2 2021.06.25) + Leval Motice + Translation + Accessibility Control Concept							





ILIAS represents consumer, while YouTestMe represents provider, so you have to navigate to the "ILIAS as LTI Consumer" tab.

ILIAS	Open Source	eLearning					(2 ad
	Administration	> LTI						
Dashboard		g Tools Interoperability						
窟 Repository	ILIAS as LTI Pro	avider ILIAS as LTI Consumer Permissions						
 Personal Workspace	Add Global P	rovider for all Users Import Global Provider for all Users v	with XML-File					
⊈ Achievements	LTI Provider (1 - 5 of 5)	viders as User Defined 💙 Execute					Show Filter Colu	mns Rows •
£	Icon	Title of Provider	Description	Keywords	Predefined with Key / Secret	Availability	Repository Usages	
Communication	ି 🕑	YouTestMe test			Yes	For Creating Objects	1	Actions +
X Administration	□ 🕗	YouTestMe Local	This provider is only for local YTM debugging purposes.		Yes	For Creating Objects		Actions +
	□ 📀	YouTestMe assesment			Yes	For Creating Objects	1	Actions •
	- Ø	YTM Test - Improved Exam demo - LTI session	Start the YTM Test "Improved Exam demo" through LTI session		Yes	For Creating Objects	1	Actions +

Then, click on "Add global Provider for all Users".

ILIAS	Open Sour	ce eLearning					(Q ad
	Administratio	on > LTI						
<u>Dashboard</u>		 ning Tools Interoperability						Î
111 Repository	ILIAS as LTI Global Provid	Provider ILIAS as LT Consumer Permissions						-
Personal Workspace	Add Globa	I Provider for all Users Import Global Provider for all Users	with XML-File					
¶ Achievements	(1 - 5 of 5)						Show Filter Colt	umns Rows v
	Icon	Title of Provider	Description	Keywords	Predefined with Key / Secret	Availability	Repository Usages	
[▶] Q Communication	- O	YouTestMe test			Yes	For Creating Objects	1	Actions +
Administration	° Ø	YouTestMe Local	This provider is only for local YTM debugging purposes.		Yes	For Creating Objects		Actions 🕶
	□ 🕢	YouTestMe assesment			Yes	For Creating Objects	1	Actions +
	ା 🕑	YTM Test - Improved Exam demo - LTI session	Start the YTM Test "Improved Exam demo" through LTI session		Yes	For Creating Objects	1	Actions +



The next steps are:

- 1. Enter the title.
- 2. Optionally enter the description.
- 3. Optionally upload an icon of the test by clicking "Select file" and choosing the desired icon.
- 4. Set the availability For Creating Objects.



5. Copy the GetCertified link in the "URL of Provider" field in the following form - Copy marked part of the link for your application, then add "**lti/session/**" and **ID of the session** (displayed in the first chapter).





ILIAS	Open Source eLearning		Q	ad
	Administration > LTI			
ک ^ی Dashboard	ILIAS as LTI Provider ILIAS as LTI Consumer Permissions Global Providers for all Users Providers Defined by Users Usage			- 1
\$	Create Provider Settings		Save (ancel
Repository	Title *	YTM Test Cyber Security Certification Test		
요 Personal	Description	Start the test Cyber Security Certification Test through LTI Session		21
Workspace	Icon	Select File YouTestMe-GetCertified-Bugzilla-Logo-Favicon.png		
⊈ Achievements		Maximum uppeas size: 20 MB Maxwell file years, gr.gs, gr.gs, greg The tile image will be used, if the container (course, folder, group,) activates the tile view presentation.		
Fa	Availability *	For Creating Objects Only for existing Objects ont available		
*	Authentication			
Administration	URL of Provider * 5	https://gc.presentation7.youtestme.com/ytm29/til/session/10163		
	Predefined Key and Secret	If not set, users have to add key and secret to use the provider.		

- 6. Tick the box next to the label "Predefined Key and Secret".
- 7. Enter any value for the "**Key**" field.
- 8. Type in "secret" for the "**Secret**" field.

IAS	Open Source eLearning				Q	ad	
	Administration > LTI						
ŝ	🗐 System Settings and Maintenance	> Î	Authentication				^
nboard	🔲 Layout and Navigation	>	URL of Provider *	https://gc-presentation7.youtestme.com/lt/session/10163			
<u>iii</u> ository	සී Users and Roles	>	Predefined Key and Secret	6 fnot set, users have to add key and secret to use the provider.			
<u>r</u>	ည့် Personal Workspace	>		Key* 7 ILIAS Secret * 18 secret			l
sonal kspace	${\mathbbm T}$ Achievements	>					
₽	ය Communication	>	Privacy Settings				
vements	🔍 Search and Find	>	User identification	ILIAS user id combined with a unique ILIAS platform id formated as an email adress. This is identical to each call, but doesn't allow a direct conclusion about the ILIAS user.			l
Qunication	🖧 Organisational Units			O ILIAS Login combined with a unique ILIAS platform id formated as an email adress. This is identical to each call, but may allow a direct conclusion about the ILIAS user.			
*	🕮 Extending ILIAS	\sim		O External User Id combined with a unique ILIAS platform id formated as an email adress. This is identical to each call, but may allow a direct conclusion about the user.			
sistration	₽± ECS			O E-Mail Address Sends E-Mail Address of user as identification (Warning: an E-Mail Address might be used by multiple users)			
				Standard is frequently the email address. The unique ILIAS platform id is: b4b4f485-9c96-4593-bb0b-9674d0840834			
	👘 WebDAV		User name	● No one Sends ∵ Instead of a name			
	⇔ →☆ xAPI/cmi5			 First name Sends the first name of the user name from ILIAS 			
	<			○ Title and last name Sends Mister or Ms:Mrs. (unless otherwise specified) and the last name			

- 9. Tick the box next to the label "**Provider supports Outcome service**" to enable transferring of test results from YouTestMe to ILIAS.
- 10. Define the passing mark for the test.

ILIAS	Open Source eLearning				Q ad				
	Administration > LTI								
Dashboard	🗐 System Settings and Maintenance	>	Options for Learning Progres	is					
	Layout and Navigation	>	Provider supports Outcome 9	If the LTI Outcome Service is supported. Learning Progress could be activated. The Provider returns a value between					
100 Repository	ස් Users and Roles	>		Indicate the Learning Progress. Default Mastery Score	40.00 % 10				
ম	ည့ Personal Workspace	>			Format: ###.## The Learning Progress will be evaluated from the Provider Outcome Service and the mas-				
Personal Workspace	abla Achievements	>			tery score threshold.				
	$\mathcal{L}_{\mathcal{C}}$ Communication	>	Launch Options						
	🔍 Search and Find	>	Use Provider ID	Usually the Ref-ld of the LTI Consumer is transferred to the Provider. Some Providers map this Ref-ld with the Resource					
[⊭] Q Communication	$\stackrel{P}{ { \to } }$ Organisational Units		LTI User is always Learner	Provider. To get always the same	e kesource for these Providers this Option should be activated.				
*	Extending ILIAS	\sim		Usually the role in ILIAS is mapp late the object. Activate this opti	ed to a LTI role. Course Administrators could have more rights in the Provider, e.g. to manipu- ion to avoid the Role Mapping.				
Administration	⊒÷ ⊐⊟ ECS		Provider supports request of xAPI-Statements	Provider supports xAPI-Stateme	nts				
	₽÷ LTI		Custom Parameters for this spe-						
	E WebDAV		ciric Provider						

11. For "Launch Options", select "LTI User is always Learner".

ILIAS	Open Source eLearning			Q ad						
	Administration > LTI									
Dashboard	🗐 System Settings and Maintenance	>	Launch Options							
	E Layout and Navigation	>	Use Provider ID	D						
000 Repository	്ട് Users and Roles	>		Usually the ReFId of the LTI Consumer is transferred to the Provider. Some Providers map this ReFId with the Resource of the Provider. To get always the same Resource for these Providers this Option should be activated.						
Q. Personal Workspace	ည် Personal Workspace	>	LTI User is always Learner Usua Usua Provider supports request of xAPI-Statements Provi Custom Parameters for this spe- cific Provider	Usually the role in ILLAS is mapped to a LTI role. Course Administrators could have more rights in the Provider, e.g. to manipulate the object. Activate this option to avoid the Role Mapping.						
	abla Achievements	>								
Achievements	R Communication	>		Provider supports xAPI-Statements						
	🔍 Search and Find	>								
°Q Communication	$\frac{P}{dB}$ Organisational Units									
×	🕮 Extending ILIAS	\sim		Please enter them in the form param1=value1; param2=value2						
Administration	导 ECS		Options to group and filter P	roviders						
	DE LET		Keywords	The keywords must be separated by a Semicolon (j). The Keywords are automatically taken to the Metadata as Keywords.						
			Category *	Organisation						



- 12. In "Options to group and filer Providers", select "Assessment".
- 13. Save the configuration by clicking the "**Save**" button.



The test will be shown in the list.

ILIAS	Open Source eLearning											ad
	Administration > LTI											
	🗐 System Settings and Maintenance	>	(1 - ! P	5 of 5) Reset Pro	oviders as User Defined 👻 Exc	ecute				Show Filter Col	lumns	Rows 👻
Dasnooard	Layout and Navigation	>				_	Key-	Predefined with Key /		Repository		
<u> <u>000</u> Repository</u>	്പോ Users and Roles	>		lcon	Title of Provider	Description	words	Secret	Availability	Usages		
 ک	ည့ Personal Workspace	>	0	Ø	YouTestMe test			Yes	For Creating Objects	1	Act	ions 🗸
Personal Workspace	abla Achievements	>		Ø	YouTestMe Local	This provider is only for local YTM debugging purposes.		Yes	For Creating Objects		Act	tions 🗸
Achievements	C Communication	>	0	C.	YouTestMe assesment			Yes	For Creating	1	Act	tions ~
	🔍 Search and Find	>		P					Objects			
Communication	${\stackrel{P}{\stackrel{\rightarrow}{\scriptscriptstyle \Box}}}$ Organisational Units			Ø	YTM Test - Improved Exam demo - LTI session	Start the YTM Test "Improved Exam demo" through LTI session		Yes	For Creating Objects	1	Act	ions -
×	😁 Extending ILIAS	\sim		ò	YTM Test Cyber Security Certification Test	Start the test Cyber Security Certi- fication Test through LTI Session			For Creating Objects		Act	tions -
Administration	₽ ₽ ₽ ECS		Ļ	Reset Pro	oviders as User Defined 💙 Ex	ecute						_
	⊐t LTI		(1 - 5	5 of 5)								
	T WebDAV											



5 Adding the test to course

To add the test to the course:

- 1. Navigate to the "**Dashboard**" by clicking that option in the left-side menu.
- 2. Open the desired course.

ILIAS	Open Source eLearning					Q		ad
1								
کے Dashboard	🗶 Dashboard							
<u>600</u>	Favourites	Tasks						
Repository	You have not vet selected any favourites. To do this, you must take two steps:	Therea	are no	tasks fo	r you.			
0	Click on 'Repository' and select a learning object from the available offer, e.g. a learning module or a forum.	Calendar						
Personal Workspace	choose "Add to favourites".	Sep 2021 → >						
$\langle -$	» Repository	Мо	Tu	We	Th	Fr	Sa	Su
Ŷ				1	2	3	4	5
Achievements		6	7	8	9	10	11	12
e	My Courses and Groups	13	14	15	16	17	18	19
Communication	YouTestMe	20	21	22	23	24	25	26
		27	28	29	30			
*								iCal
Administration								
		Mail						
		This of	oject is	empty	and co	ontains	no ite	ms.



- 3. Click the "Add New Item" button.
- 4. Select the "LTI Consumer" option.

ILIAS	Open Source eLearning												
	Repository > YouTestMe > L	.TI course											
Cr Dashboard	💂 LTI course											Actions -	
010 Repository	Content Info Settings View Manage Sorting	Members Learning Progress Metadata	Export Permissions Show	Member View 🕨									
ম	3 Add New Item Customize I	Page											
Personal Workspace	Organisation	Content	Assessment			Calenda	r					100	
Ŷ	Folder	File Weblink	Exercise Fest					>					
Achievements	Category Link	Web Feed	🐼 Question Pool Test			Mo	Ти	We	Th	Fr	Sa	Su	
	💻 💂 Course Link	☑ Content Page☑/ Wiki▲/ Blog	🥓 Individual Assessment					1	2	3	4	5	
°⊂ Communication	💒 Group		Feedback and Evaluation	6	7	8	9	10	11	12			
	💒 Group Link				13	14	15	16	17	18	19		
*	Item Group	Learning Module ILIAS	😜 Survey		-	20	21	22	30	24	20	20	
Administration	BOOKING POOL	Learning Module FTML	🚯 Question Pool Survey		-								
	Communication	xAPI/cmi5	Templates	Templates								iCal	
	👼 Forum 🜊 Chat Room	APP/Cmis APP/Cmis Earning Sequence	Portfolio Template		•								
		Glossary											
		Data Collection											
		(e) Mediacast											
		Media Pool											
		Permanent Lir	ik https://ytm.systest.ch/ilia powered by	ILIAS (v7.2 2021-06-25) · Legal Notice · Translation · Accessibility Contr	ol Concept								

5. Choose the test.

Open Source eLearning										
Repository	> YouTestMe > LTI course									
(1 - 5 of 5)	Col	umns Rows -								
lcon	Title of Provider	Description	Keywords	Predefined with Key / Secret	Usages					
0	YouTestMe test			Yes	1					
0	YouTestMe Local	This provider is only for local YTM debugging purposes.		Yes						
0	YouTestMe assesment			Yes	1					
0	YTM Test - Improved Exam demo - LTI session	Start the YTM Test "Improved Exam demo" through LTI session		Yes	1					
Ŷ	YTM Test Cyber Security Certification Test	Start the test Cyber Security Certification Test through LTI Session								
(1 - 5 of 5)										
> Optic	on 2: Create Own Provider Settings									
> Optic	on 3: Copy Consumer									
F (1)	tepository 1 - 5 of 5) (con	tepository > YouTestMe > LTI course 1: 5 of 5) Itile of Provider Ioon Title of Provider Ioon YouTestMe test Ioon YouTestMe Local Ioon YouTestMe assesment Ioon YTIM Test - Improved Exam demo - LTI session Ioon YTIM Test Cyber Security Certification Test Ioon S Option 2: Create Own Provider Settings Ioon 3: Copy Consumer	teposition > YouTestMe > LTI course Los of 5) Itile of Provider Los of 5) Description Ion Title of Provider Ion VouTestMe test Ion VouTestMe Local Ion This provider is only for local YTM debugging purposes. Ion YouTestMe assessment. Ion YTM Test - Improved Exam demo - LTI session Start the YTM Test "Improved Exam demo" through LTI session Ion YTM Test Cyber Security Certification Test Start the test Cyber Security Certification Test through LTI Session Ion YTM Test Cyber Security Certification Test Start the test Cyber Security Certification Test through LTI Session Ion Option 2: Create Own Provider Settings Start the test Cyber Security Certification Test through LTI Session	teposition > YouTestMe > LTI course 1-5 of 5) toom Title of Provider Description Keywords Image: Sol of Symptotic Setting Symptotic Settic Setting Symptotic Settic Settic Setting	performance cecturining Cecturing C					

- 6. For "Options for launch", choose the "Own Window" or "New Window".
- 7. Click the **"Save**" button.

ILIAS	Open Source eLearning			Q	ad
	Repository > YouTestMe > LTI course >	YTM Test Cyber Security Certification Test			
Į.	Authentication				
ے Dashboard	к	Key * ILLAS			
000 Repository	Secr	ret * secret			
	Options for Learning Progress				
ی Personal Workspace	Mastery So	core [40.00] % Format: ###.##			
\langle , \rangle		The Learning Progress will be evaluated from the Provider Outcome Service and the mastery score threshold.			
Achievements	Options for launch				
Communication	Options for Laun	Ich (6) OWn Window The content is opened in the same window and replaces the ILIAS Screen. When leaving the content the user retu	irns to ILIAS.		
3.0		The content is opened in a new window. When leaving the content this window gets closed.			
Administration		\bigcirc Embedded Content The content is opened within the ILIAS context. It is presented as embedded content within the content tab.			
	* Required		0	Save	Cancel



The test is added to LTI Course.

ILIAS	Open Source eLearning					Q	ad	
	Repository > YouTestMe > LTI course							
ුදු Dashboard	LTI course						Action	is *
<u>fill</u> Perceritoru	Content Info Settings Members Learning Progress Metadata Export Permissions Show Member View >							
Repository	THE MINING STORY							
ম	Add New Item - Customize Page							
Personal Workspace	Content	Cale	ndar					-
Ì₽	YouTestMe assesment			>				
Achievements	Type: LTI Consumer	Ma	Tu	We	Th	Fr	Sa Su	
				1	2	з	4 5	
[▶] Q Communication	O YouTestMe test	- 6	7	8	9	10	11 12	
	Type: LTI Consumer	13	21	72	23	74	18 19 25 26	
*	0	27	28	29	30	2.4		<u>58</u>
Administration	YTM Test - Improved Exam demo - LTI session							
	type, cri consumer						iCa	al
	YTM Test Cyber Security Certification Test Type: LTI Consumer	•						

6 Taking the test

Then, the candidate can click the "Launch" button, and he/she will be directly navigated to YouTestMe GetCertified.

ILIAS	Open Source eLearning								
	Repository $ ightarrow$ YouTestMe $ ightarrow$ LTI course $ ightarrow$ YTM	Test Cyber Security Certification Test							
	YTM Test Cyber Security Certification Test								
	Info Settings Learning Progress Metadata Permissions								
	Launch								
	Info about personal data transmitted	to the provider at launch							
<	URL of Provider	https://lat-sandbox.youtestme.com/ytm12/lti/session/10163							
	User name	No one							
	User identification	ILIAS user id combined with a unique ILIAS platform id formated as an email adress.							
	Tags	•							
	My Tags	Comma Separated Save							
	Additional Information								
	Permanent Link	http://ytm.systest.ch/ilias7/goto.php?target=lti_92&client_id=DefaultClient							

If the candidate does not have an account in YouTestMe GetCertified, the system will create it automatically once the test is started.



Example of the test-taking page

Cyber Security Certification Test		Remaining time for entire test	Finish test
Question: 14 of 32	Type: Single choice	00 43 41	
What does Authentication Service facilitate?		Progress bar	14/
Select one correct answer from the list		Questions	
1. Employee check		0	
2. Computer access schedule		Cyber Security Certification Test	
3. Username and password check		All questions	(32)
4. Employee attendance			5 6 7
		B 🤨 10 11	12 13 <u>14</u>
	I will not answer this question t	o avoid possible negative points 15 16 17 18	19 20 21
		Next question 22 23 24 25	26 27 28
		Not answered Answere	d
		Incorrect answer Correct a	inswer
		l don't know	
		Real-time grading	
		51 Points (31.88%)	

Depending on test settings, the candidate may see a personal report once finishes the test. An example is in the picture below.

A	D Search users	•		My assignments	Users 👻	Tests 😽 Sur	eys 👻 Training cours	es Reportir	ng ÷	¢ 🕮 G	• 👰 🦉 •
	John Smith (ad	dmin)	Question	Question pools							
	- croonal report			Quest	tion pool	Passing mark	Score		Status		
	Verification date:	Not verified		Cyber Secur	rity	0%	30% (11 correct, 2 incorrect, 19	49/160 points) kipped questions	Passed		
	Verified grading setup:		Questions Test version: 1	Questions							
	Test name:	Cyber Security Certification Test									
	Label:	Internal Certification Test		Question: 1	of 32 Points: 5	Penalty: 2 Difficulty: E	sy Type True/False Questio	n pool: Cyber Secur	ity		
	Started:	Sep-08-2021 12:43 PM EDT		User IDs a	and passwords	must not be shared					
$\langle \langle \rangle$	Finished:	Sep-08-2021 12:44 PM EDT		Answers:							
	Result:	Failed		Terran and							
	Time spent:	00:01:29		1. True							\checkmark
	Score:	30%		2. False							
										Correct Points ac	hieved: 5
				Question: 2	of 32 Points: 5	Penalty: 2 Difficulty: E	isy Type: Single choice Ques	tion pool: Cyber Sec	surity		
				The term "	"phishing" ema	ill is					
				Answers:							

Once logged out from the application, the user will be navigated to ILIAS.



Then:

- 1. Navigate to "Learning Progress".
- 2. Select the "Mastery Score Must be reached" option.
- 3. Click the "Save" button.

ILIAS	Open Source eLearning	Q	ad
	Repository 👌 YouTestMe 👌 LTI course 🍐 YTM Test Cyber Security Certification Test		
순 Dashboard	YTM Test Cyber Security Certification Test		Actions -
000 Repository	Info Settings Learning Progress Metadata Permissions		
	Learning Progress of Atop Container Objects		
Personal Workspace	 R IT course YTM Test Cyber Security Certification Test 		
Achievements	Learning Progress Settings		
Communication	Mode Clearning Progress is Deactivated The learning progress status is not displayed and does not influence parent objects.		
*	Mastery Score Must be reached The Learning Progress will be evaluated from the LTI outcome and the mastery score threshold.		
Administration	* Required	3	Save
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4. Navigate to "**Personal Learning Progress**", and there you will be able to see status and percentages achieved on the test.

