Televic Education

Moodle LTI 1.3 integration - Moodle 3.10.3 (Build: 20210325)





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1 Introduction

In this documentation, we detail how to integrate the assessmentQ LTI 1.3 in Moodle LMS.

This will allow to

- · open assessmentQ modules from within Moodle
- · automatically create assessmentQ accounts through the SSO included in LTI
- · retrieve available modules in assessmentQ using the "Content-Item" method
- · exchange notes/scores from assessmentQ to the Moodle Notes overview

1.1 External tool type

We describe how to add assessmentQ player as **External tool type** and how to create a link to an existing assessmentQ assignment.

- assessmentQ supports the "Content-Item" retrieval method to retrieve directly the right LTI link from within Moodle, without the need to copy/paste the link.
- If the "Content-Item" method is not activated, the LTI link to use in Moodle has to be copied from the
 assessmentQ backoffice first.

1.2 About roles in Moodle and assessmentQ

Users will have an account in both platforms.

The "main" or leading platform is Moodle. The Moodle accounts will be transferred to assessmentQ automatically through the Single Sign On included in the LTI standard.

When SSO-ing a user from Moodle to assessmentQ, the following user information is exchanged:

- E-mail address
- · First name and Last name

The role of a user in Moodle is not transferred to assessmentQ! All Moodle users are created as standard user accounts in assessmentQ, without any extra rights or roles. The standard user account is the normal account for students, candidates, learners...

For the LTI link between Moodle and assessmentQ, the user role is important in these situations:

- to setup the parameters for the LTI link, the Moodle administrator is necessary.
- (of course) a user needs to be an "**author**" (or higher) in Moodle to be able to Edit a course and to add a new activity.
- a Moodle author needs to be known as "Author" in the assessmentQ to be able to use the "Content-Item" retrieval
 of modules in assessmentQ:
 - only modules linked to the assessmentQ author will be shown in the Content-Item selection tool.



 assessmentQ will only push back the results/scores/notes of a module to Moodle for "standard users", not for authors or teachers.

assessmentQ excludes authors or coaches from the Scores exchange, because too often these sessions are trial or demo sessions and these results would spoil the Moodle Notes overview.

In short, this means that Moodle authors or teachers will need to (manually) receive the role of Author in assessmentQ. This procedure can only be done by an assessmentQ administrator.

1.3 About "Exam" and "Exercise" activities in assessmentQ

When creating and publishing activities in assessmentQ, you will be able to choose between two types of activities:

- Exam activities and
- Exercise activities

Exam activities will only open once and can thus only be taken once. When finished, an exam activity is closed and cannot be opened anymore. When trying to open a finished exam activity, an assessmentQ warning will appear. An exam activity will **only exchange Grades once** with Moodle.

Exercise activities will open every time a student activates it. All sessions of this activity will be saved in the assessmentQ logs. When **retaking an exercise module, the Grades in Moodle will be overwritten** with the most recent attempt.

2 Configuring assessmentQ as LTI "external tool type"

2.1 LTI 1.3

First, assessmentQ must be configured as an LTI External tool type in order to make assessmentQ available in the LMS. Follow the next steps in order to set up the link with assessmentQ in Moodle.

As Moodle admin, navigate to 'Site administration' > 'Plugins' > 'External tool' > Manage tools

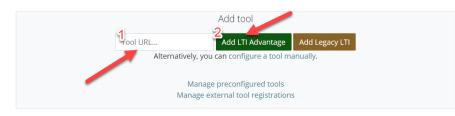
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Dashboard Site admin	2 stration Users Learning Grades Plugins Appearance Server Reports Development	
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site administration	Activity modules Manage activities Common activity settings Common activity settings Appointment activity settings Appointment custom fields Assignment Settings Submission plugins Manage asgigment submissions Online text submissions Online text submissions Online text submissions File submissions Online text submissions File submissions File submissions Peedback plugins Anonate PDF File feedback comments Annotate PDF File feedback Comment BigBlueButton Book Chat Office Patternal tool Manage tools	

Copy the Dynamic registration url from the assessmentQ backoffice. If you don't see the LTI 1.3 menu item in the Integration settings in the assessmentQ backoffice, then you need to enable the LTI 1.3 feature in the superadmin.

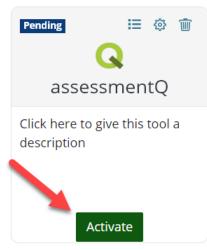
t	Settings / Integrations		
荘 曰 ●	LTI 1.3	LTI 1.3 Learning Tools Interoperability (LTI) is an IMS Global standard that specifies a method for a learning system to invoke and to communicate with external systems. Using LTI, you can seamlessly integrate assessmentQ into your LMS.	IMS GLOBAL [*]
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Paste the URL in Moodle and click on 'Add LTI Advantage'.

Manage tools



The External tool will be created and you can now activate the tool. Afterwards you can still edit the settings with the gear icon.



- Change the Tool name
- Add a Tool description
- · Choose the Default launch container. We recommend "Embed, without blocks"
 - Embed, without blocks:
 - this will open the assessmentQ activities "inside" or embedded in the Moodle page
 - New window:
 - this option will open the assessmentQ activity in a new window. Depending on the browser, it will open in a new tab or a popup window. Some browsers might prevent the new window from opening.
- Under Services, we recommend the following options to ensure the exchange of scores/notes between assessmentQ and Moodle:

 Services 				
IMS LTI Assignment and Grade Services 💡	Use this se	rvice for grade sync	and column management	\$
IMS LTI Names and Role Provisioning 🛛 🔞	Use this se	rvice to retrieve me	mbers' information as per p	rivacy settings 🕈
Tool Settings	Do not use	e this service 🗢		
Under Privacy, we recommend the for Privacy	llowing optio	ons:		
Share launcher's name with tool	? Always	\$		
Share launcher's email with tool	Always	\$		
Accept grades from the tool	As specifi	ed in Deep Linking	definition or Delegate to te	acher 🗢
	Force SS	0		

With the suggested option in "Accept grades from the tool", a Moodle author/teacher will be able to decide about the exchange of notes/grades.



3 Linking to an assessmentQ assignment

3.1 Using the "Content-Item Selection" tool

• As a Moodle author, navigate to the course and chapter in which you want to add the publication, **Turn Editing** mode on and click on '+ Add an activity or resource'.

Televic courses Dashboard / Courses / Televic	्रिः - Turn editing on
Nededelingen	
I Q Test Lucie ✓ Mark as done	Edit 👻
Image: Construction of the second	Edit 👻
	+ Add an activity or resource

· Choose "External tool"

Search					
All Activitie	s Resources				
tio Appointment	→	0		P	Y
booking	Assignment	BigBlueButton ☆ 🚯	Book	Chat ☆ 🚯	Choice ☆ 🚯
R Course		1	-		
certificate	Database	External tool	Feedback	File	Folder
		IMS content	H-P Interactive		22
Forum	Glossary 🏠 🚯	package	Content	Label ☆ 🚯	Lesson ☆ 🚯
D,		SCORM	1	- di	Ø
Page	Quiz	package	sectionprogre ss	Survey	URL
☆ 0	☆ 0	☆ 0	☆ 🚯	☆ 🚯	☆ 0

• First, choose "assessmentQ" in the Preconfigured tool list. When selected, the "Select content" button will be activated. Click it.

🛓 Adding a new External tool 🛛

Test	
e assessmentQ	
Select content	
Ø	
	 assessmentQ

a popup Selection tool will appear, listing all the assessmentQ modules you have access to as an Author in assessmentQ. Search and/or select your assessmentQ activity:

Select content	×
	<u>N</u>
Search for a publication	٩
Type Title	
About Innovation	

• As a result, the correct LTI URL will be added to your course:

Preconfigured tool	0	assessmentQ \$	+ * ×	•
		Select content		
Tool URL	0	ti.edumaticonline.com/api/Laun	ch/69096e5d-5cc3-42b8-aa9f-3b3344e7a89e	✓Using tool configuration: assessmentQ

If instead you receive the error 'the token was not found in the cookie you might have waited too long before making your selection' make sure the cookies in your browser are enabled.

Choose the appropriate options in the other External tool headers.

We highly recommend ticking the box "Accept Grades from the tool" under the Privacy header, as this will automatically exchange the scores/grades after a student finishes an assessmentQ module:

Select content	×
	•
Search for a publication	٩
Type Title	
About Innovation	

Of course, if you prefer not to show the results to the students, you can untick this box.

- Choose one of the two Save options to confirm this external tool insertion:
 - · Save and return to Course, or
 - Save and display.



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3.2 Alternative method: manually Copy/Paste the LTI launch URL from the assessmentQ backend

- As a teacher or author, first obtain the LTI launch URL for the *validated* publication that must be added.
- Navigate to the assessmentQ backend, navigate to the assignment module and go to the overview of the corresponding assignment.

In the Overview tab, click the icon next to 'LTI link'.

Overview	/ Items	Behaviour Security Result		
	R exam April 2021 (Access This assignment has not been shared yet with other users. Type to find a user or group	2
Deta	ils		Assignment history	
ID		4760795		
	ss code	48d707d9-21a7-4999-8e6c-729e1fbb542e		
Total	score	70		
Num	ber of items	8		
Creat	ed by	Bert Wylin		
Creat	ed on	15 Apr 2021 11:21		
Modi	fied by	Bert Wylin		
Modi	fied on	15 Apr 2021 11:28		
	grations t link nk			

- The correct LTI URL for this assessmentQ module will now be copied to the clipboard.
- Now navigate back to your Moodle course and add a link to the assessmentQ publication as follows.
- Navigate to the course and chapter in which you want to add the publication, Turn Editing mode on and click on '+ Add an activity or resource'.
- · First, choose "assessmentQ" in the Preconfigured tool list:

▲ Adding a new External tool to Fire/Incendie/ Brandpreventieø

 General 			
Activity name	0		0
		- You must supply a value here.	
Show more			
Preconfigured tool	0	Automatic, based on tool URL assessmentQ aQ Televic Local GDATA	
Tool URL	0		
Then Paste the LTI URL from	n your		•
Preconfigured tool	0	assessmentQ	
Tool URL	0	ti.edumaticonline.com/api/Launch/69096e5d-5cc3-42b8-aa9f-3b3344e7a89e	Using tool configuration: assessmentQ

Choose the appropriate options in the other External tool headers.
 We highly recommend ticking the box "Accept Grades from the tool" under the Privacy header, as this will automatically exchange the scores/grades after a student finishes an assessmentQ module:



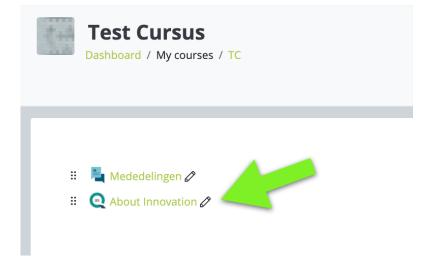
Select content	×
Search for a publication	٩
Type Title	
About Innovation	

Of course, if you prefer not to show the results to the students, you can untick this box.

Choose one of the two Save options to confirm this external tool insertion:

- · Save and return to Course, or
- Save and display.

The assessmentQ publication will now appear in the list of 'Activities' in you Chapter and show the small assessmentQ icon.



Activating this activity will open the assessmentQ module in Moodle:

	÷	→ C a televic.aveticademo.net/mod/lti/view.php?id=41&forceview=1	2	R	•	*	0 :
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1	3	Welcome to the module: Innovations					
×	8	In this module you'll get to know important innovations which changed or are still changing the world.					
C	,	Click on (+) Provises Next (-) to numigate through the questions.					
		Click on Check your answer.					
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For students, upon completion of the assessmentQ publication, the results will automatically be pushed to the Moodle 'Grades' of that course.

