



Poll Everywhere & Moodle LTI 1.3/LTI Advantage integration guide for Moodle system administrators

Version 1.0.1

Introduction

This guide is for Moodle System Administrators and describes how to integrate Poll Everywhere with a Moodle LMS system using LTI Advantage.

Moodle must be at version 3.7.0 or higher in order to use LTI Advantage. The following screenshots were taken from Moodle 3.7.1.

Users who want to manage External Tools must have access to the Site Administration panel. This is only necessary for the Moodle System Administrator who will be performing the initial setup to use Poll Everywhere on the LMS. The individual performing this setup will also need to be an Account owner or Account admin on the University's Poll Everywhere account.

External tool setup

1. Start by logging into Moodle as the Moodle System Administrator.
2. Navigate to the Site Administration panel of Moodle, and click over to Plugins tab and finally to the Manage tools page.

A screenshot of the Moodle Site Administration interface. At the top, there is a search bar with a "Search" button. Below it is a navigation menu with tabs for Site administration, Users, Courses, Grades, Plugins (which is selected), Appearance, Server, Reports, and Development. The main content area is divided into two sections: "Plugins" and "Activity modules". Under "Plugins", there are links for "Install plugins" and "Plugins overview". Under "Activity modules", there is a list of links: "Manage activities", "Common activity settings", "Assignment", "Assignment settings", "Submission plugins", "Manage assignment submission plugins", "File submissions", "Online text submissions", "Feedback plugins", "Manage assignment feedback plugins", "Feedback comments", "Annotate PDF", and "File feedback".

3. Click the link in the Manage tools section to configure a tool manually.

Manage tools

Add tool

Alternatively, you can [configure a tool manually](#).

[Manage preconfigured tools](#)
[Manage external tool registrations](#)

4. Open a new browser tab, navigate to PollEverywhere.com, and login with an Account Owner or Admin profile.
5. From the My Polls page: Click your username in the top right > Account Admin > LMS integration. This is the page where you will manage your LMS integration. Select Add platform.

The screenshot shows the Poll Everywhere user interface. At the top, there is a navigation bar with the logo and menu items: Polls, Participants, Reports, Teams, Help, Presenter tips, and tti13. On the left, a sidebar lists settings: Manage users, Account settings, Authentication, Plan details, Payment method, Order history, and LMS integration (which is highlighted). The main content area is titled 'LMS platforms' and contains introductory text about LTI Advantage integration. Below the text is a blue 'Add platform' button. At the bottom, a table is partially visible with columns for Platform issuer, Platform client ID, Platform setup status, and Actions.

Platform issuer	Platform client ID	Platform setup status	Actions
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- On the next page, select Moodle from the dropdown list of platform options, and Save.

Manage users

Account settings

Authentication

Plan details

Payment method

Order history

LMS integration

LMS platforms

Poll Everywhere was built to make active learning and formative assessment quick and smooth. Use LTI Advantage to integrate with any of our 5 LMS integrations. With an LMS integration, educators can automatically import their student roster to Poll Everywhere at the start of the semester, and export grades to their LMS at the end.

LMS setup is not something faculty are able to do themselves. The information below is intended for the school's account manager and IT personnel. Please see our [setup support material](#) for more details.

Platform

Moodle

Save **Cancel**

- This is the Poll Everywhere LTI 1.3 Platform details page. You will use the information from the first 4 fields of this page to continue the External Tool setup on Moodle.

Manage users

Account settings

Authentication

Plan details

Payment method

Order history

LMS integration

LMS platforms

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Platform

Moodle

Tool OpenID Connect/initialization endpoint

https://www.polleverywhere.com/lms/lti_advantage/launch

Tool redirect endpoint

https://www.polleverywhere.com/lms/lti_advantage/user_conr

Public RSA key

```
-----BEGIN PUBLIC KEY-----
MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAFHhy
J3zb0QLclK5165M
FWXq5q8wll8d8Ew2yXBPpPHSFVU4Gv20fnypiWNzoNu4G290
OQMMHdiQE14nNUkZ
tuORbGtu2msJ63GanhKMFRgT3bgEPgG+Oyelbnf6frPKm59t
```

Public JWK

```
{"kty":"RSA","e":"AQAB","n":"rFHhyJ3zb0QLclK5165MFWXq5q
8wll8d8Ew2yXBPpPHSFVU4Gv20fnypiWNzoNu4G290OQMMH
diQE14nNUkZtuORbGtu2msJ63GanhKMFRgT3bgEPgG-
Oyelbnf6frPKm59tL7Z2ekiEMND4hwhk3Lug6L5fVYTCLeV
```

Help

9. Configure the External Tool with the following values:

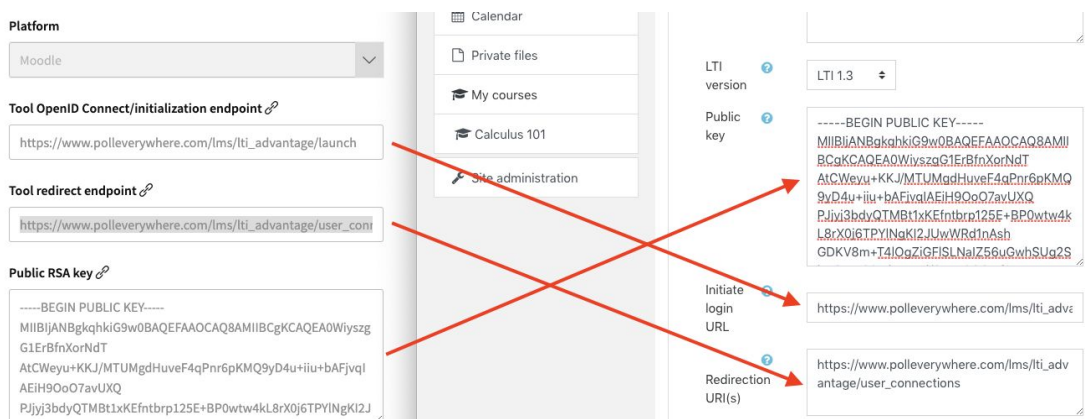
- a. Tool URL: <https://www.polleverywhere.com>

Tool URL  

- b. LTI Version: LTI 1.3

LTI version 

- c. Copy the information from the Poll Everywhere Platform details page into your Moodle External Tool set up. You can use the copy link icon next to each field for easy transposing.




The screenshot shows the Moodle External Tool configuration interface on the left and the Poll Everywhere Platform details page on the right. Red arrows indicate the following mappings:

- Platform: Moodle
- Tool OpenID Connect/initialization endpoint: https://www.polleverywhere.com/lms/lti_advantage/launch
- Tool redirect endpoint: https://www.polleverywhere.com/lms/lti_advantage/user_connections
- Public RSA key:

```
-----BEGIN PUBLIC KEY-----
MIIBjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA0Wiyiszg
G1ErBfnXorNdT
AtCWeyu+KKJ/MTUMgdHuveF4qPnr6pKMq9yD4u+iiu+bAFjvqI
AEIH9OoO7avUXQ
PjJyj3bdyQTMbt1xKEfntbrp125E+BP0wtw4KL8rX0j6TPYINgKI2J
GDKV8m+T4IQgZGFJSLNalZ56uGwhSVuq2S
-----
```
- Initiate login URL: https://www.polleverywhere.com/lms/lti_advantage/launch
- Redirection URI(s): https://www.polleverywhere.com/lms/lti_advantage/user_connections

- d. Default launch container: New window

Default launch container 

e. Services:

- i. IMS LTI Assignment and Grade Services: Use this service for grade sync and column management
- ii. IMS LTI Names and Role Provisioning: Use this service to retrieve member's information as per privacy settings
- iii. Tool Settings: Do not use this service

▼ Services

IMS LTI 

Assignment
and Grade
Services

Use this service for grade sync and column management

IMS LTI 

Names
and Role
Provisioning


Use this service to retrieve members' information as per privacy settings

Tool 
Settings

Do not use this service

- f. Privacy:
 - i. Share launcher's name with tool: Always
 - ii. Shared launcher's email with tool: Always
 - iii. Accept grades from the tool: Always
 - iv. Force SSL: Checked

▼ Privacy

Share 

launcher's
name with
tool

Always



Share 

launcher's
email with
tool

Always




Accept 

grades
from the tool

Always

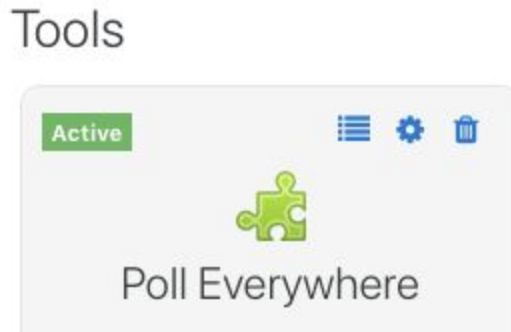


Force SSL 

11. You can provide any value as the Tool name.

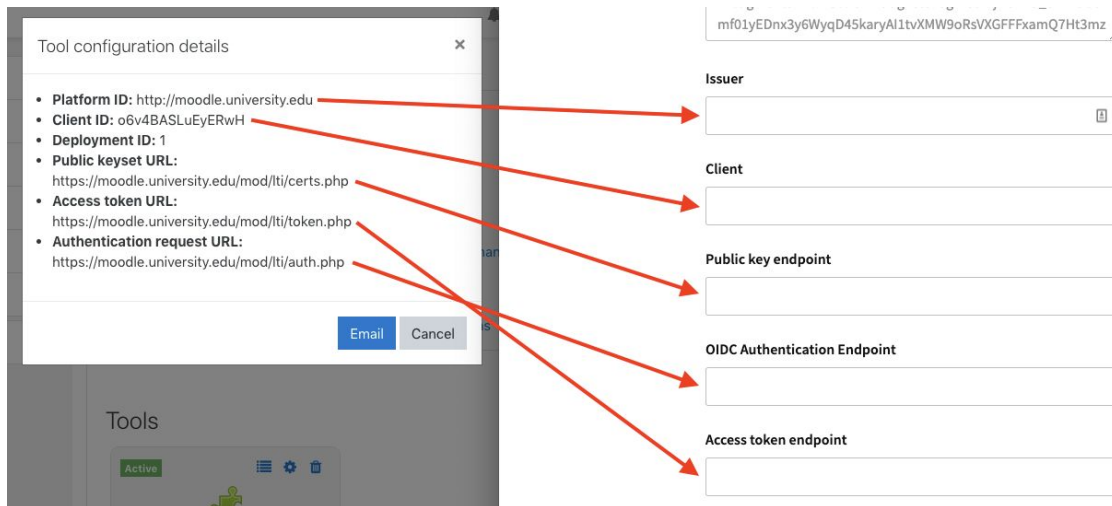
12. Save the External Tool.

13. Click on the hamburger menu of the External Tool



14. Copy the following values from Moodle to Poll Everywhere

- Platform ID (Moodle) to Issuer (Poll Everywhere)
- Client ID (Moodle) to Client (Poll Everywhere)
- Public keyset URL (Moodle) to Public key endpoint (Poll Everywhere)
- Access token URL (Moodle) to Access token endpoint (Poll Everywhere)
- Authentication request URL (Moodle) to OIDC authentication endpoint (Poll Everywhere)



Save the Platform at Poll Everywhere to complete the setup.