



Poll Everywhere & Brightspace LMS LTI 1.3/LTI Advantage Integration Guide for Brightspace System Administrators

Version 1.1.0

Introduction

This guide is for Brightspace Administrators and describes how to integrate Poll Everywhere with a Brightspace LMS system using LTI 1.3 and LTI Advantage. These steps should only be followed by the Brightspace Administrator who will be performing the initial setup to use Poll Everywhere on the LMS.

Users who want to manage LTI 1.3 tools must have permission in Brightspace to register new LTI Advantage tools and then deploy tools into courses or organizations. The individual performing this setup will also need access to the University's Poll Everywhere account as either an Account Owner or Account Admin.

Register a new LTI Advantage tool

1. Start by logging into Brightspace as the Brightspace Administrator.
2. From the Admin Tools menu, click Manage Extensibility.
3. On the LTI Advantage tab, click Register Tool.
4. Open a new browser tab, navigate to PollEverywhere.com, and log in to the university's account with an Account Owner or Admin profile.
5. From the Poll Everywhere My Polls page: Click the gear menu in the top right > Account Admin > LTI Advantage.

A screenshot of the Poll Everywhere web interface. The top navigation bar includes "Polls", "Participants", "Reports", and "LTI13". The main content area is titled "LTI Advantage platforms" and contains a table with columns for "Platform issuer", "Platform client ID", "Platform setup status", and "Actions". A blue "Add platform" button is visible above the table. On the left, there is a sidebar menu with options like "Manage users", "Manage licenses", "Account settings", "Account info", "Change plan", "Payment method", and "Order history". On the right, there is a "My settings" dropdown menu with "Account admin" and "Log out" options.

6. On Poll Everywhere, click Add platform.

- On the next page, select Brightspace from the dropdown list of platform options, and Save.

Poll Everywhere Polls Participants Reports Teams Help Presenter tips

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

Brightspace

Save Cancel

- This is the Poll Everywhere LTI 1.3 Platform details page. Use the information from the first 4 fields of this page to continue the LTI Advantage tool setup on Brightspace.

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Platform

Brightspace

Tool OpenID Connect/initialization endpoint

https://www.poll everywhere.com/lms/lti_advantage/launch

Tool redirect endpoint

https://www.poll everywhere.com/lms/lti_advantage/user_coni

Public RSA key

```
-----BEGIN PUBLIC KEY-----
MIIBjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAXZBdaE
GqMmVfC4m4WLWv
VG/J/rPTqQrlp54e+lkb3xADx48LUpylllxGXGD+8a/SxBI7avqb41
X5BcLdis
aawpCj7P7+9enp+yuq+U9D8VrQ0/6kfgliTUNm/c5oZlJ+stoOYB
```

Public JWK

```
{"kty":"RSA","e":"AQAB","n":"xZBdaEGqMmVfC4m4WLWVG_J_
rPTqQrlp54e-lkb3xADx48LUpylllxGXGD-
8a_SxBI7avqb41X5BcLdisaawpCj7P7-9enp-yuq-
U9D8VrQ0_6kfgliTUNm_c5oZlJ+stoOYBuz1adPSn-
TWTx7K7IzNajNIEJ7Hgu3N4bAUtXGLtDZ05m_4o1XyYmU0TJND
816j2RxFk4_LY3fWcnyLPdGw5JG_yLVdNm69ctVvJW0dFOg_Lh
```

Public JWKS URL

https://www.poll everywhere.com/lms/lti_advantage/public_ke

9. Next, copy the information from the Poll Everywhere Platform details page into the Brightspace LTI Advantage tool configuration. Use the copy link icon next to each field for easy transposing.

LMS platforms

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GqMmVfC4m4WLWv
VG/J/rPTQrIp54e+lkjb3xAdx48LUjpylllxGXD+8a/SxBI7avqb41
XSBcLdlis
aawpCj7P7+9enp+yuq+U9D8VrQ0/gkfgliTUNm/c5oZlJ+stoOYB
```

Public JWK

```
["kty":"RSA","e":"AQAB","n":"xZBdaEGqMmVfC4m4WLWVG_J_
rPTQrIp54e+lkjb3xAdx48LUjpylllxGXD-
8a_SxBI7avqb41XSBcLdlisawpCj7P7+9enp+yuq-
U9D8VrQ0_gkfgliTUNm_c5oZlJ+stoOYBuzzaadPSh-
TWTx7K7izNajNIEJ7Hgu3N4bAUxGLDZ05m_4o1XyYmU0TjND
816j2RxFK4_LY3fWcnyLPdGw5JG_yLvdNm69ctVjW0dFDG_Lh
```

Public JWKS URL

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

Register a Tool

Enabled

Name *

Description

Domain *

Redirect URLs *

+ Add Redirect URL

OpenID Connect Login URL *

Keyset URL

Extensions

Assignment and Grade Services

Deep Linking

Names and Role Provisioning Services

Roles


Send Institution Role

Register Cancel

Add a Name, Description, and Domain to create the tool. The Name and Description can be any value, but the Domain should be the Poll Everywhere homepage: <https://www.polleverywhere.com>

10. Under Extensions, ensure that all three checkboxes are enabled:
- Assignment and Grade Service
 - Deep Linking
 - Names and Role Provisioning Services
11. Under Roles, ensure that Send Institutional Role is enabled.

12. After clicking Register, a pop-up will appear with the following fields. Head back over to the Poll Everywhere Platform edit page. Complete the remaining fields on the Poll Everywhere form.

Public JWKS URL 

Issuer

Client

Public key endpoint

OIDC Authentication Endpoint

Access token endpoint

13. Click Save once all the fields are complete.

The setup on Poll Everywhere is now complete.

Deploy the LTI Advantage tool

1. In Brightspace, under the Admin Tools menu, click External Learning Tools.
2. Under the LTI Advantage tab, click Deploy Tool.
3. Complete the form with the following values:
 - a. **Tool:** Select the previously registered tool
 - b. **Name:** Any value
 - c. **Description:** Any value
 - d. **Security Settings:**
 - i. Enable Org Unit Information
 - ii. Enable User Information
 - iii. Enable Link Information
 - iv. Enable Classlist including users not known to tool
 - e. **Add Org Units:** Any organization or courses that can use the tool

Deploy Tool

Enabled

Tool *

Name *

Description

Extensions

- Assignment and Grade Services
- Deep Linking
- Names and Role Provisioning Services

Security Settings

Select the information to share with the tool:

- Anonymous
- Org Unit Information
- User Information
 - Name
 - First Name
 - Middle Name
 - Last Name
 - Email
 - User ID
 - Username
 - Org Defined Id
- Link Information
 - Title
 - Description
- Classlist including users not known to tool

Make tool available to:

The Organization: Partners