

# Poll Everywhere Canvas Integration

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*System Administrator Guide  
Version 1.0.2*

This guide is intended for Canvas System Administrators and describes how to use the Poll Everywhere integration with any Canvas LMS system. This guide is intended for use with Instructure hosted Canvas (canvas.instructure.com), Canvas Network accounts (learn.canvas.net), and institutional hosted Canvas solutions.

Note that the installation screens may appear slightly different depending on your Canvas version and browser.

Authentication and Authorization.....	2
Institutional hosted Canvas solutions.....	2
Create a developer key .....	2
Add developer key (client credentials) to Poll Everywhere.....	3
Enable required permissions.....	4
Canvas Cloud (canvas.instructure.com).....	4
Canvas Network (learn.canvas.net) .....	5
Integration Features .....	6
Course Roster Import.....	6
Gradebook Export.....	7

## Authentication and Authorization

### Institutional hosted Canvas solutions

#### Create a developer key

You will need to create a new developer in order for Poll Everywhere to create API access tokens on behalf of your users.

On your hosted Canvas instance, visit “/developer\_keys”. When prompted with the Key Settings modal, enter the following fields:

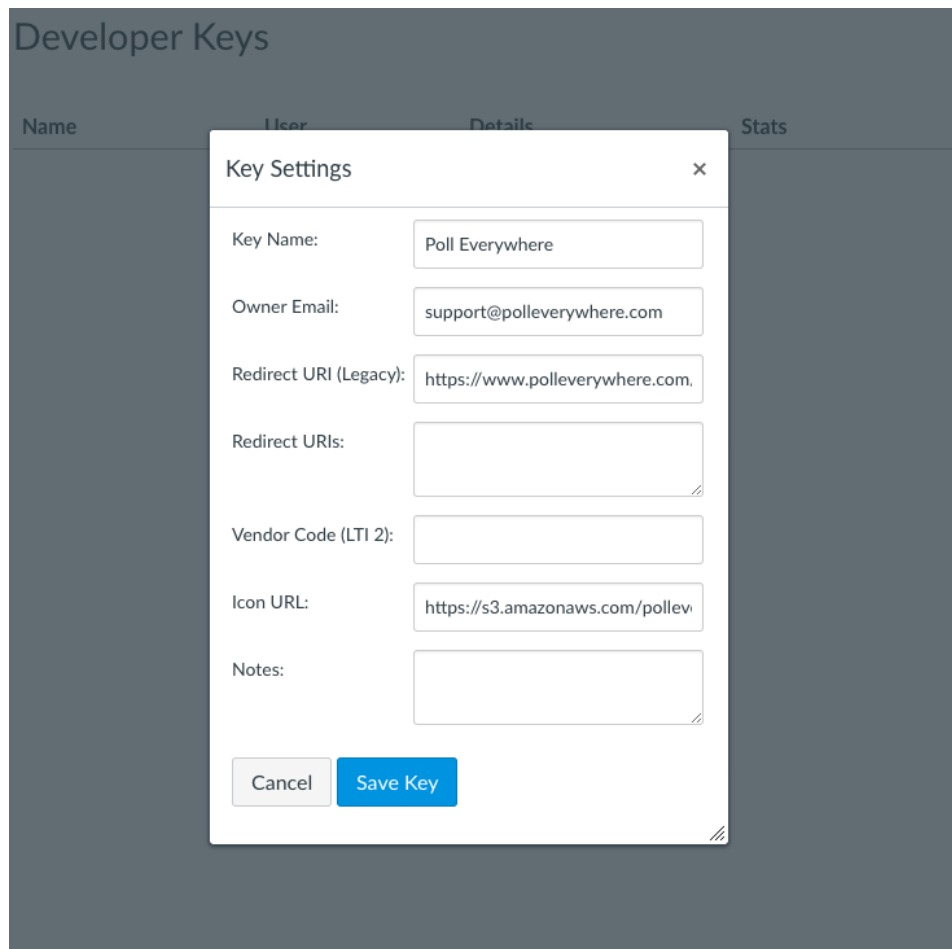
**Key Name:** Poll Everywhere

**Owner Email:** [support@polleverywhere.com](mailto:support@polleverywhere.com)

**Redirect URI (Legacy):** <https://www.polleverywhere.com/lms/canvas/connections>

**Icon URL:**

[https://s3.amazonaws.com/polleverywhere-images/canvas/logo\\_no\\_text\\_red\\_70x70.png](https://s3.amazonaws.com/polleverywhere-images/canvas/logo_no_text_red_70x70.png)



The screenshot shows the 'Developer Keys' interface in Canvas. A 'Key Settings' modal is open, displaying the following fields and values:

Field	Value
Key Name	Poll Everywhere
Owner Email	support@polleverywhere.com
Redirect URI (Legacy)	https://www.polleverywhere.com,
Redirect URIs	
Vendor Code (LTI 2)	
Icon URL	https://s3.amazonaws.com/pollev
Notes	

At the bottom of the modal are two buttons: 'Cancel' and 'Save Key'.

Learn more about Canvas developer keys: [community.canvaslms.com/docs/DOC-4675](https://community.canvaslms.com/docs/DOC-4675)

## Add developer key (client credentials) to Poll Everywhere

On [polleverywhere.com/lms/canvas/connections](https://polleverywhere.com/lms/canvas/connections), select the link “Add new institutional hosted Canvas solution”. You will be presented with the following screen:

**Connect to LMS**

1. Select LMS 2. Authorize 3. Select Courses

Connection details for your hosted Canvas solution:

URL \*

Client ID \*

Client Secret Key \*

Cancel Continue →

The URL corresponds to your Canvas installation’s URL and you generated your Client ID and Secret Key in the previous step. The Client ID and Secret Key map respectively to the ID and Key as highlighted in the following picture (taken from the Canvas site admin developer key’s page):

Developer Keys

Name	User	Details	Stats
Poll Everywhere	No User support@polleverywhere.com	ID: 100000000000002 Key: 3GqwiFbvF0X0dGZkpcvnYq. URI: https://www.polleverywhere.c	Created: Oct 13 at 8:57pm

Once you have created your connection, you should be presented with the following screen:

**Connect to LMS**

1. Select LMS 2. Authorize 3. Select Courses

Select Canvas connection type:

- Free-For-Teachers account at [canvas.instructure.com](https://canvas.instructure.com)
- Canvas Network account at [learn.canvas.net](https://learn.canvas.net)
- Add new institutional hosted Canvas solution

Canvas accounts available for your institution:

<https://canvas.polleverywhere.com> **Login** Edit Delete

Your users will be able to authorize Poll Everywhere to create an OAuth token through the highlighted link. Once the token is created, they will be able to utilize the integration as described in “Integration Features”.

### Enable required permissions

On the course permissions page of Canvas, ensure that the following permissions are enabled for the “Teacher” role:

- “See other users' primary email address”
- “View login ids for users”

 [University of Poll Everywhere](#) > Permissions

	Course Roles	Account Roles
Courses	Course Roles	Account Roles
People		
Statistics	<b>Add Role</b>	
<b>Permissions</b>		
Outcomes		
Rubrics		
Grading		
Question Banks		
Sub-Accounts		
Terms		
Authentication		
SIS Import		
Themes		
Developer Keys		
Admin Tools		
Settings		

Permissions	Student	TA	Teacher
<b>COURSE &amp; ACCOUNT PERMISSIONS</b>			
Add, edit and delete events on the course calendar	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Add/remove other teachers, course designers or TAs to the course	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Add/remove students for the course	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Change course state	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Create and edit assessing rubrics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Create student collaborations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Create web conferences	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Edit grades	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Grades - Select final grade for moderation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Grades - View audit trail	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Import learning outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
LTI add and edit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Canvas Cloud ([canvas.instructure.com](https://canvas.instructure.com))

If your institution utilizes Instructure’s hosted Canvas, you simply need to point your users to [polleverywhere.com/lms/canvas/connections](https://polleverywhere.com/lms/canvas/connections) and have them visit the link “Free-For-Teachers account at canvas.instructure.com”. This link will take them to Canvas,

## Poll Everywhere Canvas Integration Guide

where they will login if they are unauthenticated and then allow Poll Everywhere API access. They will be redirected to Poll Everywhere and will now have all the features described in “Integration Features”.

### **Canvas Network ([learn.canvas.net](https://learn.canvas.net))**

Canvas Network is a free service that allow any Canvas course to be offered as a MOOC.

Poll Everywhere users who utilize Canvas Network can visit [polleverywhere.com/lms/canvas/connections](https://polleverywhere.com/lms/canvas/connections) and follow the link “Canvas Network Account at learn.canvas.net”. On the Canvas Network page, authenticate and allow Poll Everywhere API access. All the features described in “Integration Features” are now available to you.

## Integration Features

### Course Roster Import

From [polleverywhere.com/lms/canvas/connections](https://polleverywhere.com/lms/canvas/connections), users should be able to see their available logins regardless of Canvas type, provided they followed the respective instructions above.

#### Connect to LMS

The screenshot shows the 'Connect to LMS' interface with three steps: 1. Select LMS, 2. Authorize (highlighted), and 3. Select Courses. Below the steps is the Canvas logo. A red-bordered box highlights the 'Your available Canvas logins:' section, which contains a single entry: 'https://canvas.instructure.com [login: canvas@polleverywhere.com] Delete'. Below this is the 'Add more Canvas connections:' section with three bullet points: 'Free-For-Teachers account at canvas.instructure.com', 'Canvas Network account at learn.canvas.net', and 'Add new institutional hosted Canvas solution'.

Clicking on an available Canvas login will take the user to the following page:

#### Connect to LMS

The screenshot shows the 'Step 3: Select Courses' interface. It has three steps: 1. Select LMS, 2. Authorize, and 3. Select Courses (highlighted). Below the steps is a list of courses with checkboxes: 'Advanced Rhetoric' and 'Intro to Civilization'. Below the list is a 'Default password \*' field with a text input containing 'for example, 'pollevpas:' and a help icon (?). At the bottom is a red 'Continue →' button.

From here the user can select a course roster to import. The default password is given to any students who do not have existing Poll Everywhere accounts. Note that only students with email addresses will be imported.

## Gradebook Export

In order to export grades from Poll Everywhere to Canvas, a gradebook report in Poll Everywhere must be created first. Refer to our blog post for more information on creating gradebook reports: [polleverywhere.com/blog/whats-in-a-gradebook](http://polleverywhere.com/blog/whats-in-a-gradebook).

Once your report is created, you can find the link “Export to Canvas” in the lower right hand corner of the page. Follow the instructions presented on the screen – Poll Everywhere will then create a new assignment for your course which you can then view in your course’s Canvas gradebook.

