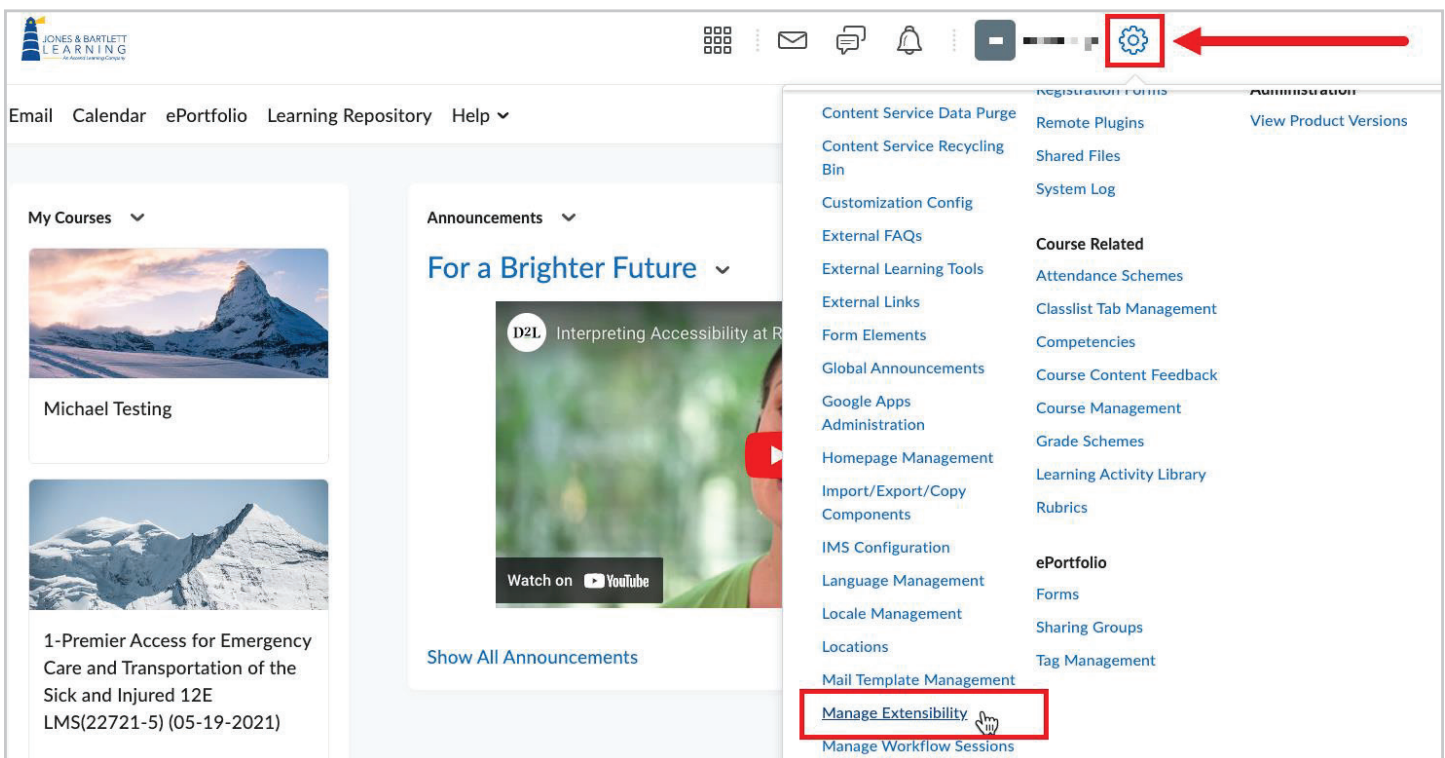


Installing JB Learning's LTI Advantage in D2L/Brightspace

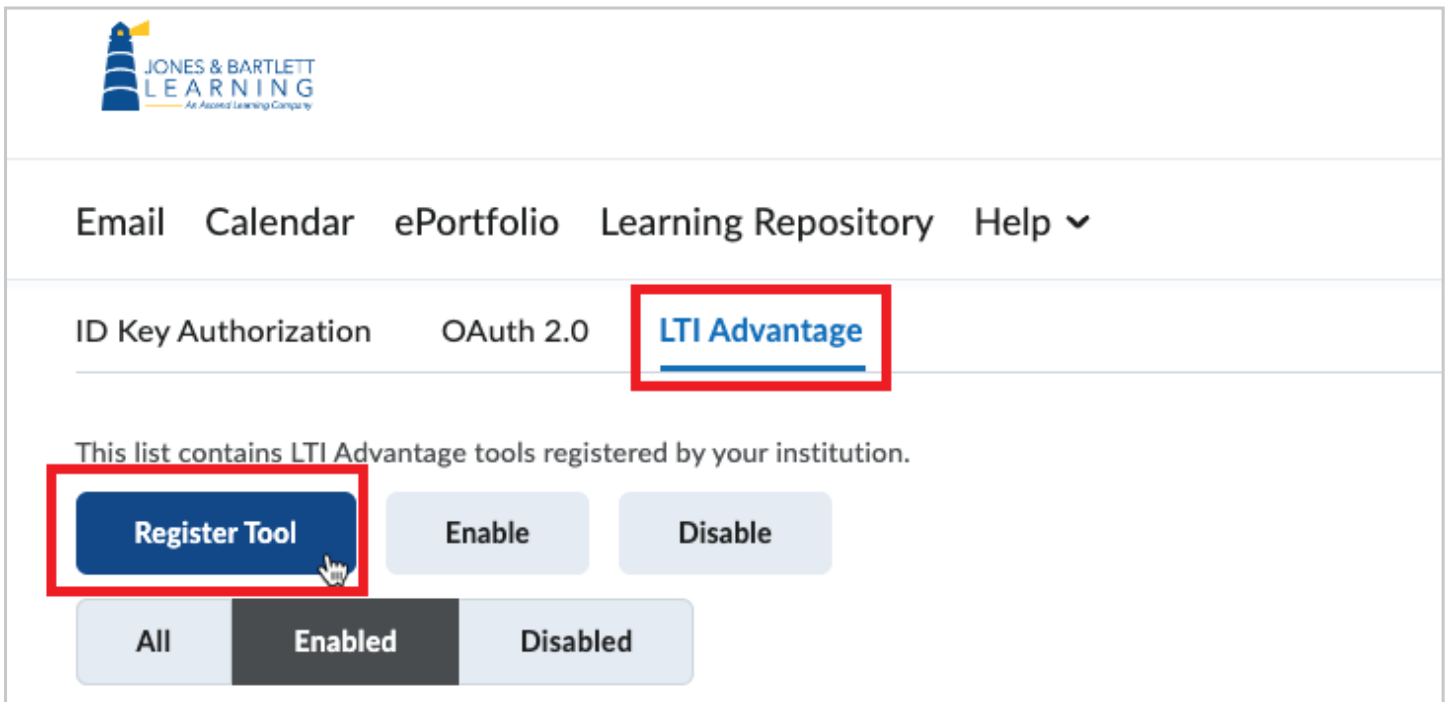
This document provides steps for configuring and enabling JB Learning's LTI 1.3 within your Desire2Learn/Brightspace Learning Management System (LMS). Note, installation requires a System Administrator permissions and the JB Learning LTI Advantage email.

1. Installing the application requires **System Administrator** permissions. Log in as an administrator and click on the **Admin Tools** button in the top-right corner. Then scroll down as needed to click on **Manage Extensibility** from the menu.



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2. On the following page, select the **LTI Advantage** tab, then click on the **Register Tool** button.



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Email Calendar ePortfolio Learning Repository Help ▾

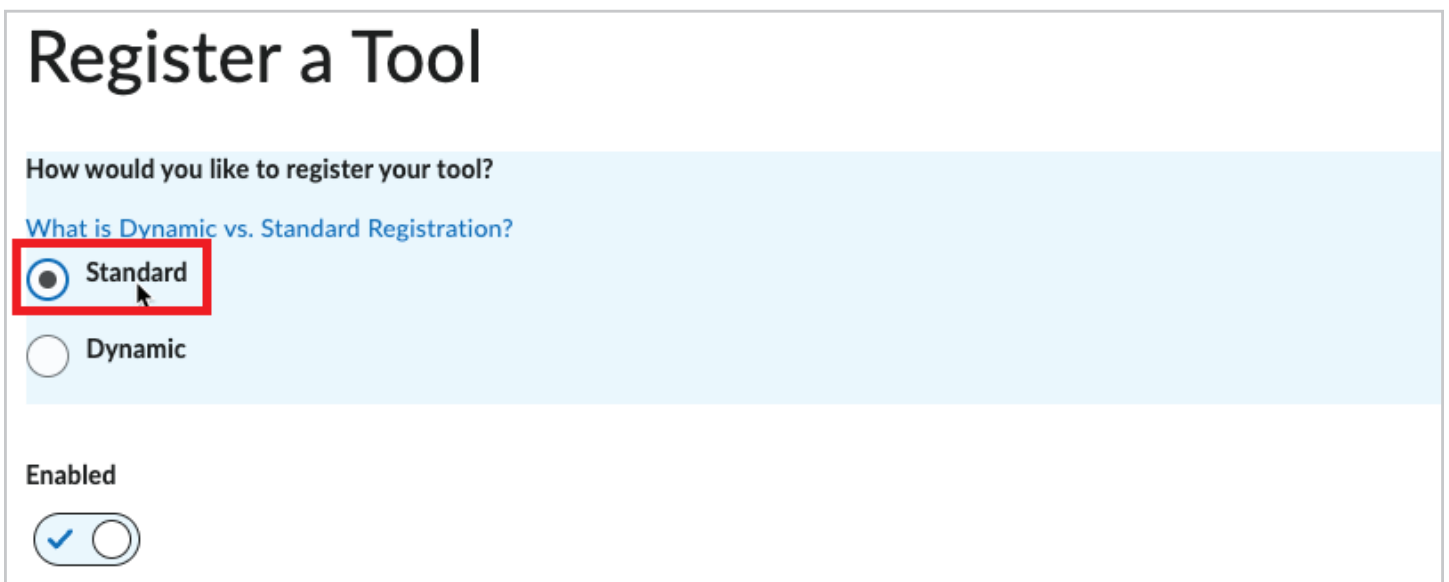
ID Key Authorization OAuth 2.0 **LTI Advantage**

This list contains LTI Advantage tools registered by your institution.

Register Tool Enable Disable

All **Enabled** Disabled

3. Next, choose **Standard** from the registration options.



Register a Tool

How would you like to register your tool?

[What is Dynamic vs. Standard Registration?](#)

Standard

Dynamic

Enabled

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4. After selecting the Standard option, enter the following values in the fields displayed below:

- **Name:** JBLearning Courses
- **Domain:** https://lti.jblearning.com
- **Redirect URLs**, add the following:
 - ◇ https://lti.jblearning.com/lti_1_3/launch
 - ◇ https://lti.jblearning.com/lti_1_3/deep_link
- **OpenID Connect Login URL:**
 - ◇ https://lti.jblearning.com/lti_1_3/authorize

Name *	JBLearning Courses				
Description					
Domain *	https://lti.jblearning.com				
Redirect URLs *	<table><tr><td>https://lti.jblearning.com/lti_1_3/launch</td><td>×</td></tr><tr><td>https://lti.jblearning.com/lti_1_3/deep_link</td><td>×</td></tr></table>	https://lti.jblearning.com/lti_1_3/launch	×	https://lti.jblearning.com/lti_1_3/deep_link	×
https://lti.jblearning.com/lti_1_3/launch	×				
https://lti.jblearning.com/lti_1_3/deep_link	×				
	+ Add Redirect URL				
OpenID Connect Login URL *	https://lti.jblearning.com/lti_1_3/authorize				

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5. Scroll further down and continue by entering the following values in their respective fields:

- **Target Link URL:**

- ◇ https://lti.jblearning.com/lti_1_3/launch

- **Keyset URL:** copy the “JWKS URL” from your JB Learning email and paste it into this field.

- **Extensions**, check boxes for:

- ◇ “Assignment and Grade Services”

- ◇ “Deep Linking”

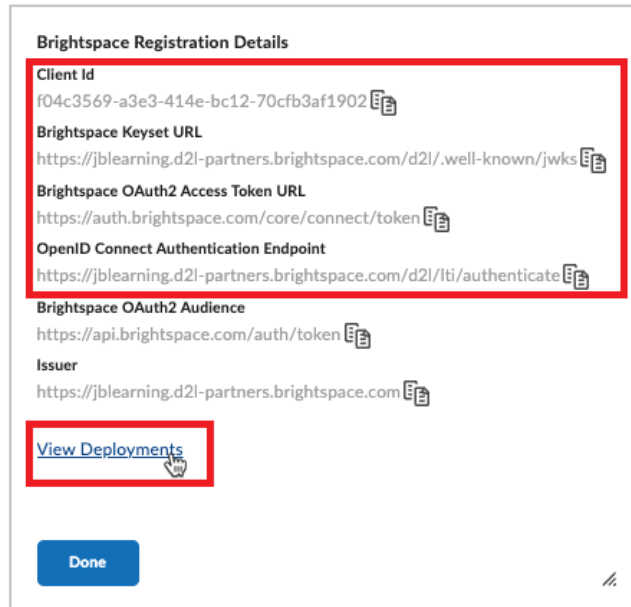
- **Roles**, leave the “Send Institution Role” box unchecked.

Click **Register** at the bottom of the page.

The screenshot shows a registration form with the following sections:

- Target Link URI:** A text input field containing `https://lti.jblearning.com/lti_1_3/launch`.
- Keyset URL:** A text input field containing `https://lti.jblearning.com/lti_1_3/c4904dcc-6222-4e9c-a859-8482772a894a/jwks.json`.
- Extensions:** A section with a link "What are Extensions?". It contains three checkboxes:
 - Assignment and Grade Services
 - Deep Linking
 - Names and Role Provisioning Services
- Roles:** A section with one checkbox:
 - Send Institution Role
- Buttons:** At the bottom, there are two buttons: "Register" (highlighted with a red box and a mouse cursor) and "Cancel".

6. Upon clicking Register, a pop-up screen with registration details displays. Please copy the **Client ID, OpenID Connect Authentication Endpoint, Keyset URL, and OAuth2 Access Token URL**, as shown below, and paste them in a word processing document or write down on paper. The links are required to complete installation of the LTI Tool after registration. When ready, click on **View Deployments** at the bottom of the list.



Brightspace Registration Details

Client Id
f04c3569-a3e3-414e-bc12-70cfb3af1902

Brightspace Keyset URL
https://jblearning.d2l-partners.brightspace.com/d2l/.well-known/jwks

Brightspace OAuth2 Access Token URL
https://auth.brightspace.com/core/connect/token

OpenID Connect Authentication Endpoint
https://jblearning.d2l-partners.brightspace.com/d2l/lti/authenticate

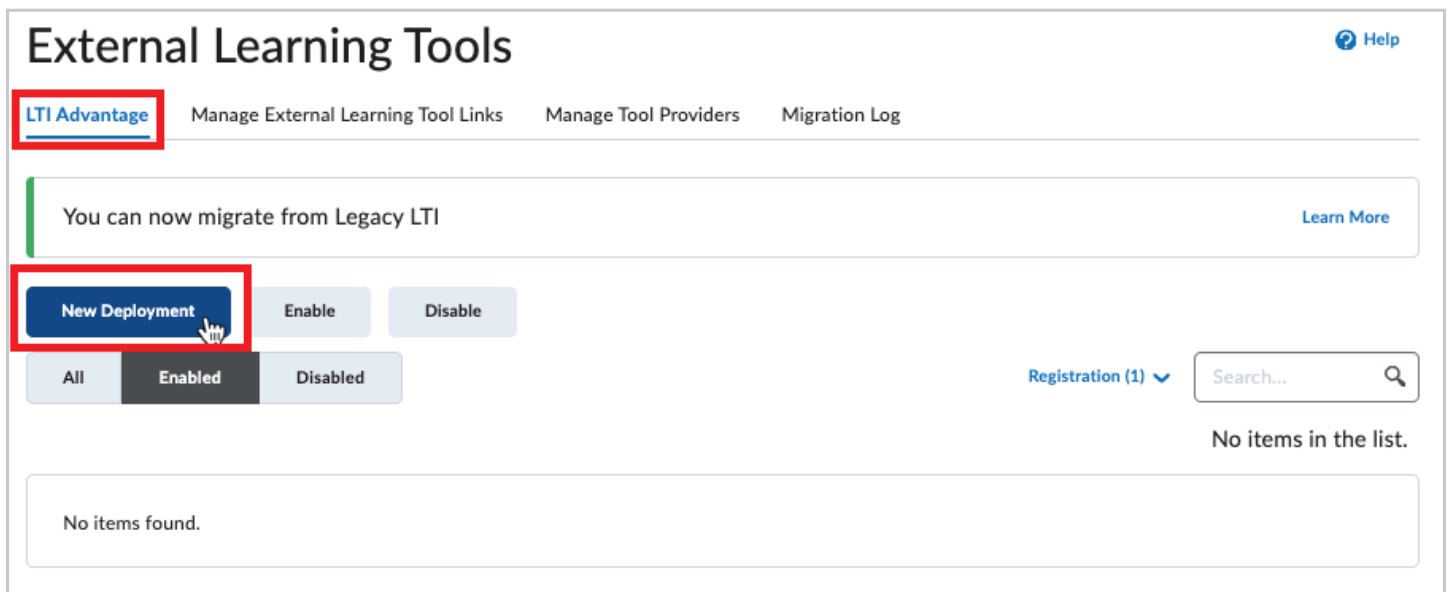
Brightspace OAuth2 Audience
https://api.brightspace.com/auth/token

Issuer
https://jblearning.d2l-partners.brightspace.com

[View Deployments](#)

Done

7. Then click the New Deployment button under the LTI Advantage tab.



External Learning Tools Help

LTI Advantage Manage External Learning Tool Links Manage Tool Providers Migration Log

You can now migrate from Legacy LTI Learn More

New Deployment Enable Disable

All Enabled Disabled Registration (1) Search...

No items in the list.

No items found.

8. On the **Deploy Tool** page, enter the following values in the fields provided:

- **Tool:** From the dropdown menu option, select the tool created in the previous step (JB Learning Courses)
- **Name:** JB Learning Courses (this name is just a recommendation)
- **Extensions:** No changes/entries required.
- **Security Settings:**
 - ◇ Check "Org Unit Information"
 - ◇ Check "User Information", which automatically selects additional recommended settings.
 - ◇ Check "Link Information", which automatically selects "Title" and "Description".
- **Configuration Settings:**
 - ◇ Check "Open as External Resource"
 - ◇ Check "Grades created by LTI will be included in Final Grade"
 - ◇ Check "Auto Create Grade Items"

Deploy Tool

Enabled

Auto Migrate Links

Tool *

JB Learning Courses

Name *

JB Learning Courses

Description

Extensions

What are Extensions?

Assignment and Grade Services

Deep Linking


Names and Role Provisioning Services

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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 this deployment 

Configuration Settings

Open as External Resource 

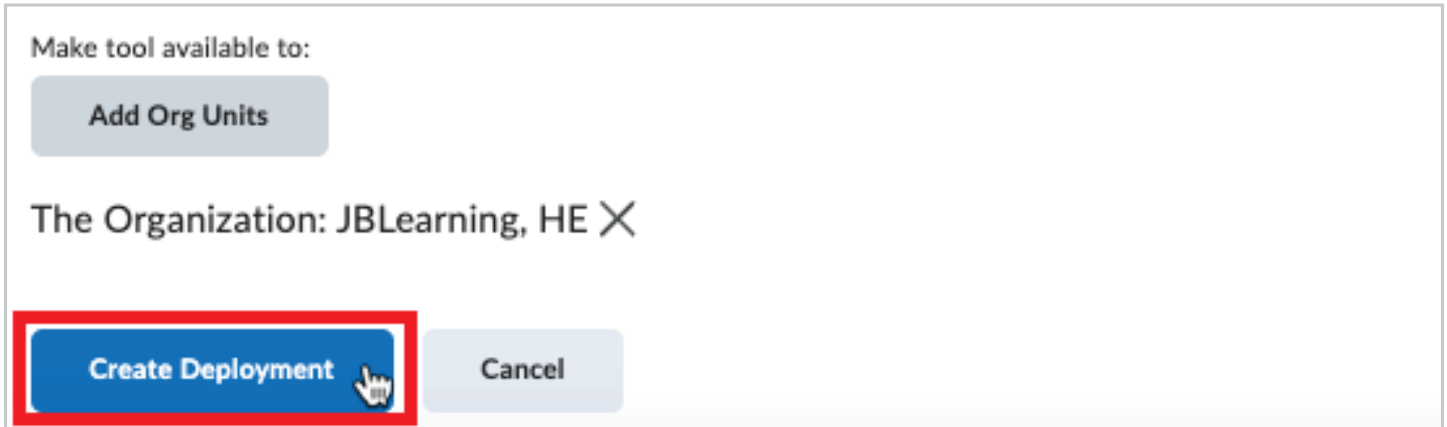
Grades created by LTI will be included in Final Grade 

Auto Create Grade Items 

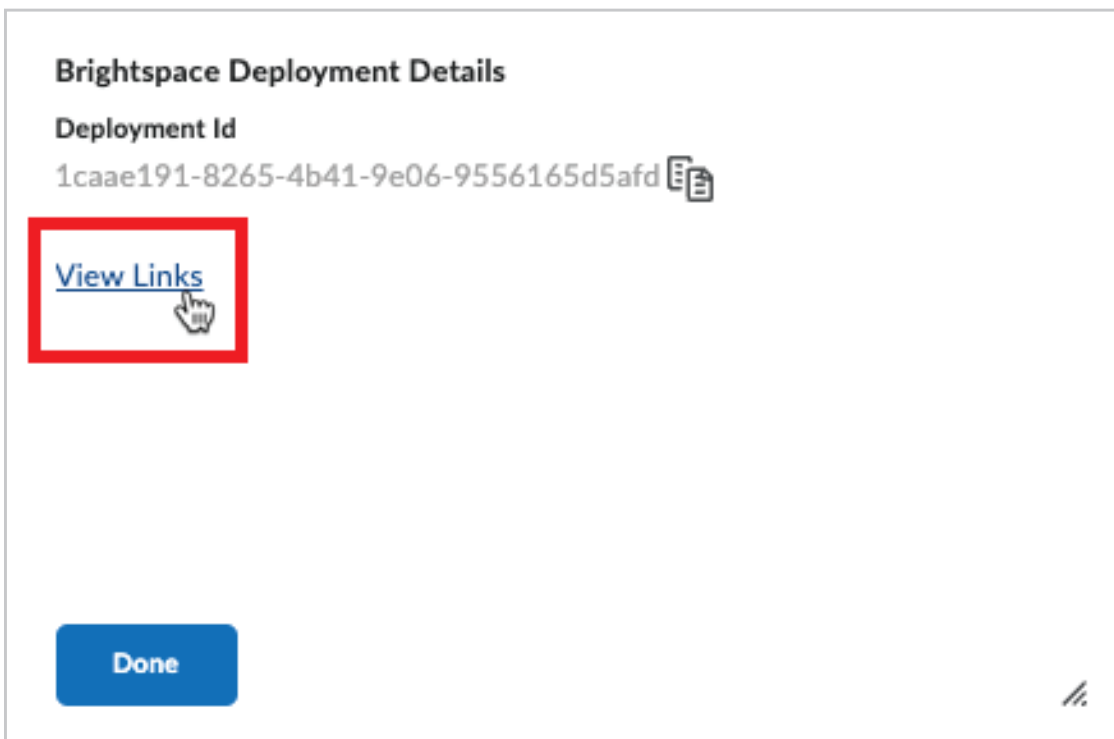
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9. Note, if individual courses requiring the JB Learning integration are known, they can be added by enabling **Add Org Units** button at the bottom. If not, this step must be completed later.

When finished, please click the **Create Deployment** button at the bottom of the page.



10. Then click **View Links** from the Brightspace Deployment Details page.



11. On the following page, click on the **New Link** button.



Links

New Link Enable Disable

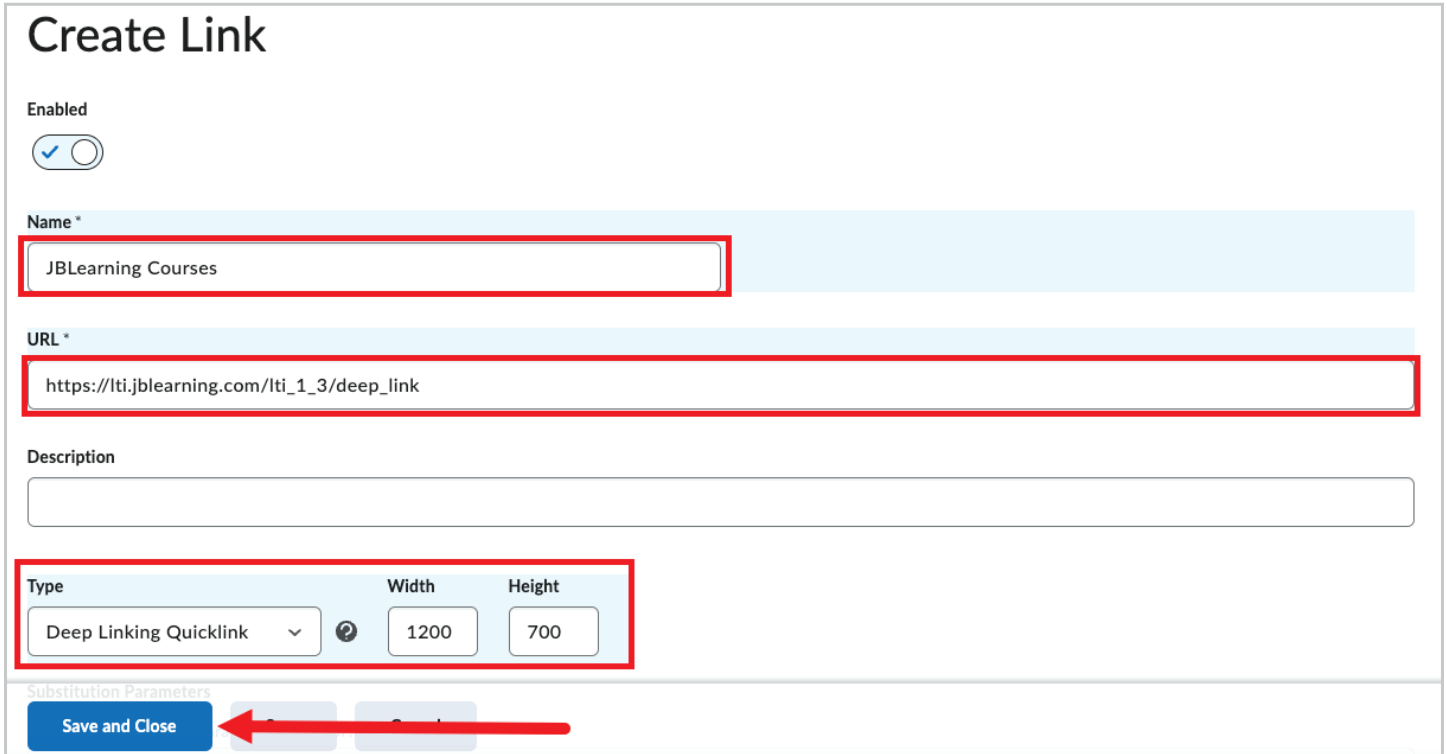
All Enabled Disabled

Search...

12. From the Create Link page, enter the following values in the fields provided:

- **Name:** JBLearning Courses (This is the name instructors see when adding content to a course. The name in the screenshot is just a recommendation.)
- **URL:** https://lti.jblearning.com/lti_1_3/deep_link
- **Type:** Select **Deep Linking QuickLink** from the dropdown menu options. Recommended dimensions of Width and Height are **1200x700**.

Click **Save and Close**



Create Link

Enabled

Name *
JBLearning Courses

URL *
https://lti.jblearning.com/lti_1_3/deep_link

Description

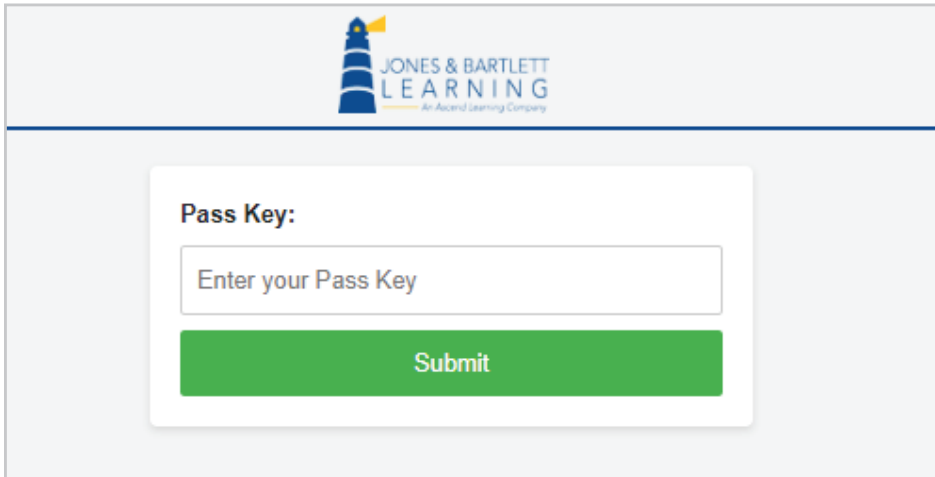
Type Width Height
Deep Linking Quicklink 1200 700

Substitution Parameters

Save and Close

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In another web browser tab or window, open the Self-Service Page linked within the JB Learning email you received. Then enter the **Pass Key** in the field provided and click **Submit**.



The screenshot shows the top of a web page with the Jones & Bartlett Learning logo. Below the logo is a white form box. Inside the form box, the text "Pass Key:" is followed by a text input field containing the placeholder text "Enter your Pass Key". Below the input field is a green button with the text "Submit".


13. Upon clicking on Submit, please enter the following values in the fields provided:

- **Client ID:** Enter the Client ID that was generated in the Register Application process.
- **Base URL:** Enter your institution specific Brightspace URL, e.g., <https://myinstitution.brightspace.com>. Replace highlighted section with your institution's Brightspace URL.
- **Login Authorization Endpoint:** Enter the **Brightspace OpenID Connect Authentication Endpoint** URL that was generated in the Register Application process.
- **JWKS Endpoint:** Enter the Brightspace Keyset URL that was generated in the Register Application process.
- **Access Token Endpoint:** Enter the Brightspace **OAuth2 Access Token** URL that was generated in the Register Application process.

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When done, please click on **Save** button at the bottom of the page, and the integration is ready to be used.

Logout

Edit Platform

Name

Enter the ClientID that was generated in the Register Application step.

Client Id

Enter your institution-specific Brightspace URL.

Base URI

Enter the Brightspace OpenID Connect Authentication Endpoint

Login Authorization Endpoint


Enter the Brightspace Keyset URL

JWKS Endpoint

Enter the Brightspace OAuth2 Access Token URL.

Access Token Endpoint

Save

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