Installing JBLearning's LTI Advantage in Blackboard

This document provides steps for configuring and enabling JBLearning's LTI 1.3 within your integrated Blackboard Learning Management System (LMS). **Note:** *installation requires System Administrator permissions. If JBLearning LTI 1.3 is set up in Blackboard, skip these steps.*

Summary of Steps

- Disable the JBLearning LTI 1.1 Tool (Skip to the section below if your institution never used the JBLearning LTI 1.1 tool)
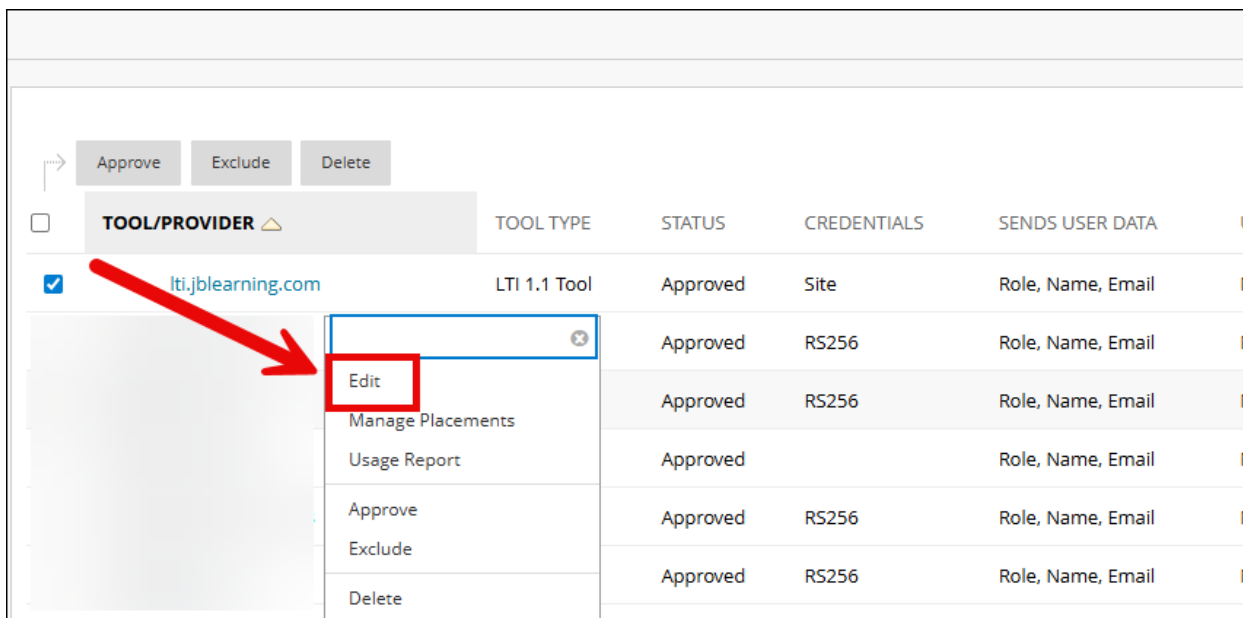
- Install the JBLearning LTI 1.3 Tool

Disable the JBLearning LTI 1.1 Tool

1. If you have never used the JBLearning LTI 1.1 Tool, you can skip directly to the next section.
2. Access LTI Tool Providers from Administrator Tools.
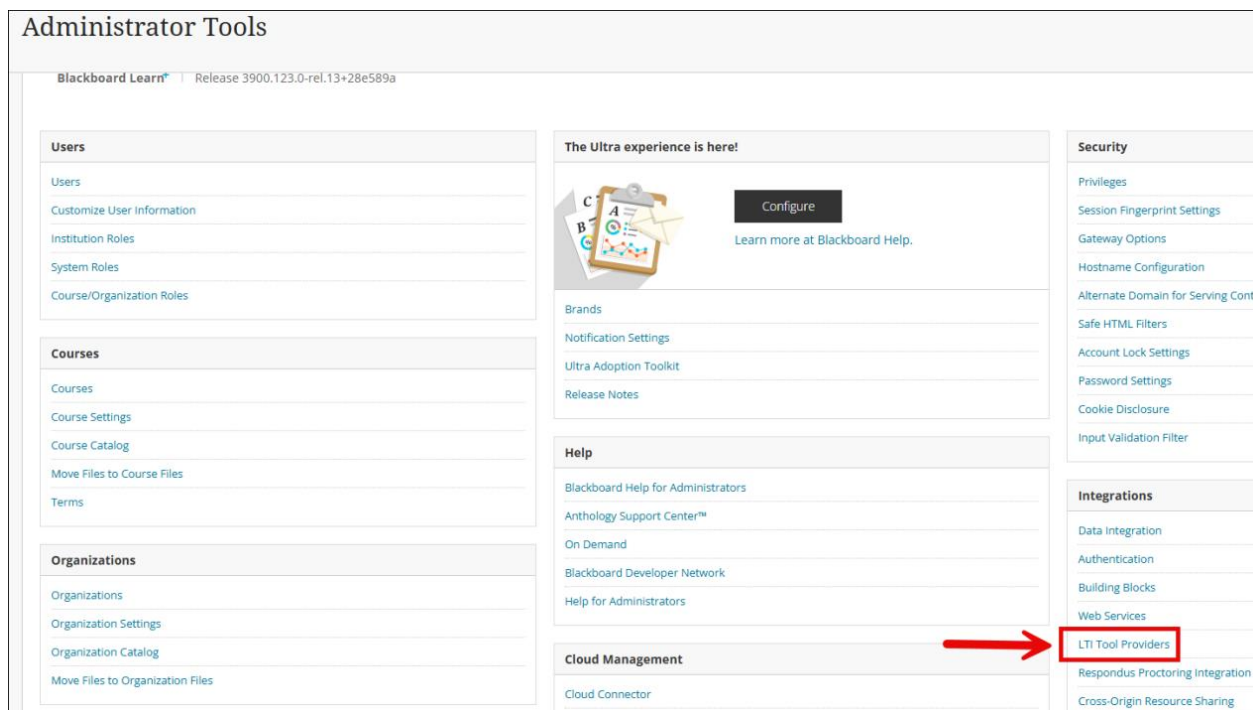
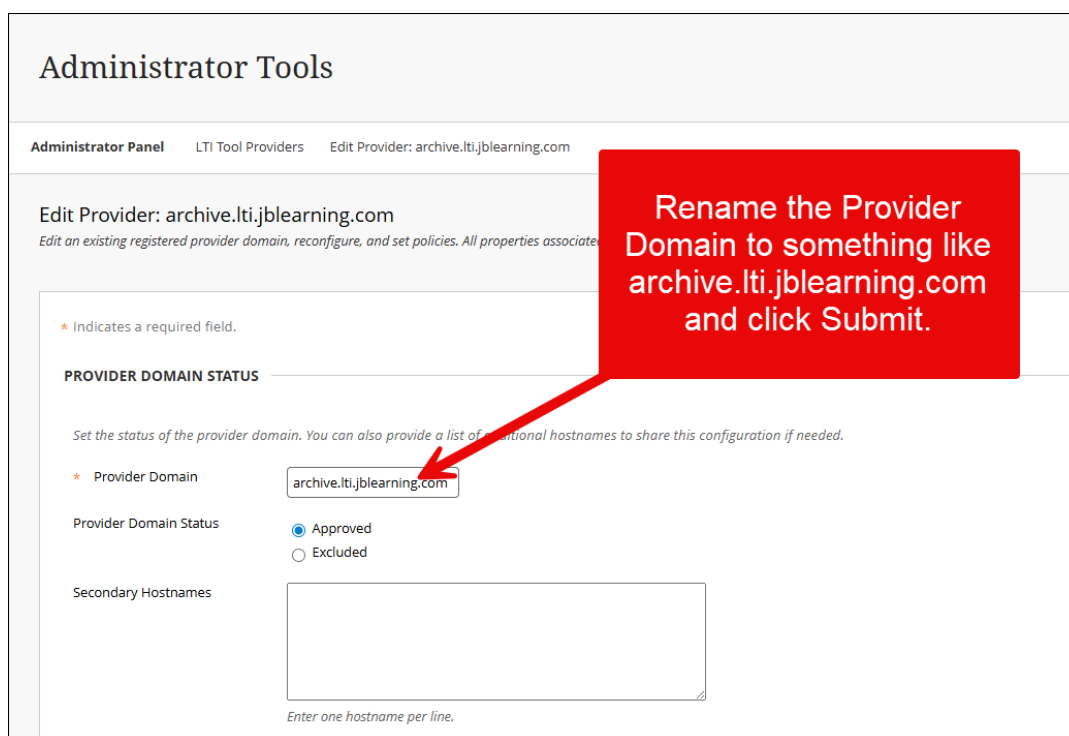1) Find the LTI 1.1 Tool that is using lti.jblearning.com for the Provider Domain and click edit. **Note:** We recommend renaming the Provider Domain at this step in the process. Once the 1.3 is fully set up and verified working, then the LTI 1.1 tool can be deleted.

2) Rename the Provider Domain to something like archive.lti.jblearning.com and click submit.
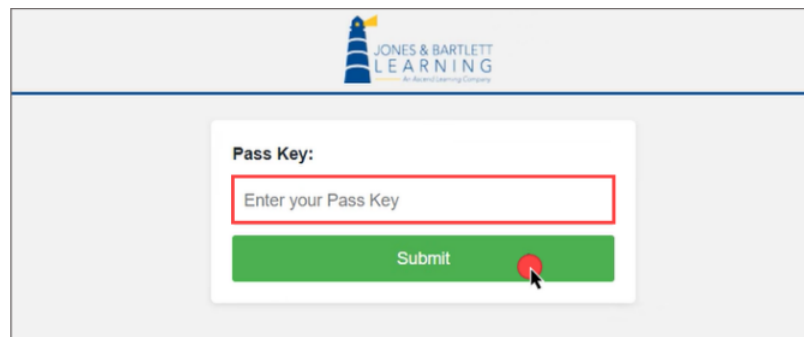
3) Once you rename the Provider Domain, continue to the steps for installing the 1.3 tool in Blackboard.

<u>Install the JBLearning LTI 1.3 Tool</u>

1) Open the Self-Service Page link found within the JBLearning email you received. Then enter the Pass Key in the field provided and click Submit. **Please note:** The Pass Key is valid for 30 days. If more than 30 days have passed, please contact us to request a new Pass Key.

2) Submitting the Pass Key opens JB Learning's Edit Platform page. The only information that needs to be entered is the **Base URL**. The rest of the page will already be filled out. The **Base URL** is **your Blackboard's web URL including https://. For example,** https://myinstitution.blackboard.com. The **Client Id** on this page will be added later in the process when registering the LTI 1.3/Advantage Tool in your Blackboard.

Edit Platform

Name

Jones and Bartlett: Blackboard

Client Id

a09d0ea3-4bd1-488b-80d3-7e53be95482

> This Client Id will be used when registering the LTI 1.3/Advantage Tool within Blackboard. **Note**: The Client Id in the screenshot will differ from your unique Client Id.

Base URI

https://myinstitution.blackboard.com

> Enter your Blackboard URL.

Login Authorization Endpoint

https://developer.blackboard.com/api/v1/gateway/oidcauth

JWKS Endpoint

https://developer.blackboard.com/.well-known/jwks.json

Access Token Endpoint

https://developer.blackboard.com/api/v1/gateway/oauth2/jwttoken

3) To begin the installation of the LTI Tool, sign in to **Blackboard** as an administrator and navigate to the **LTI Tool Providers** option located within the **Integrations** section.
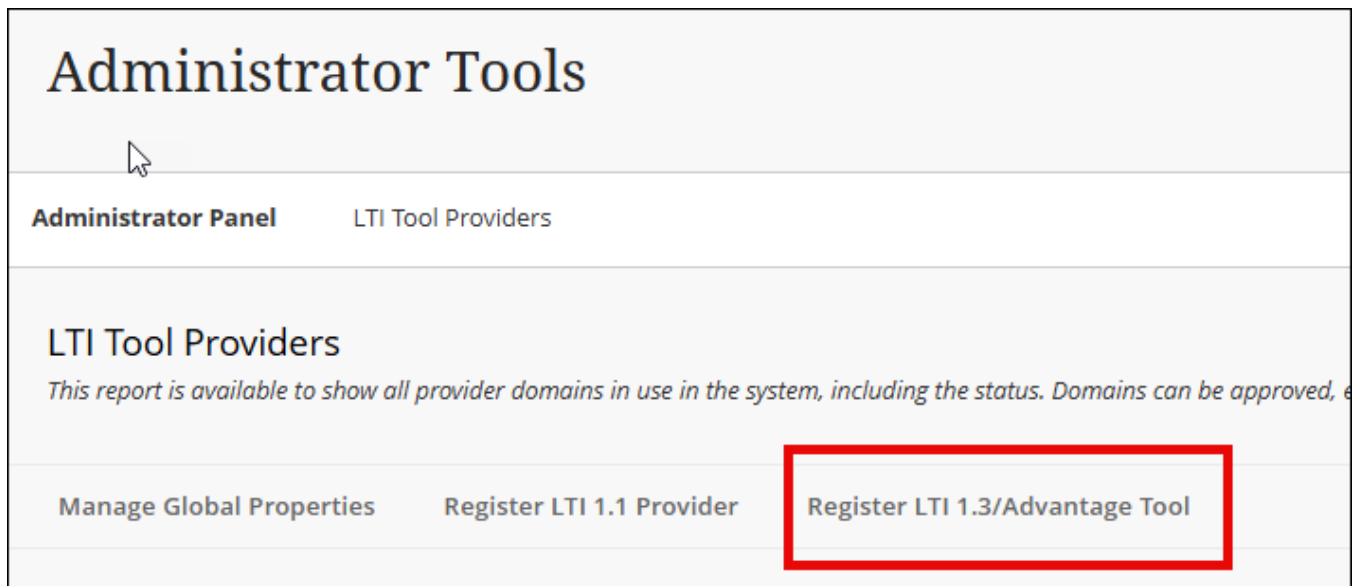
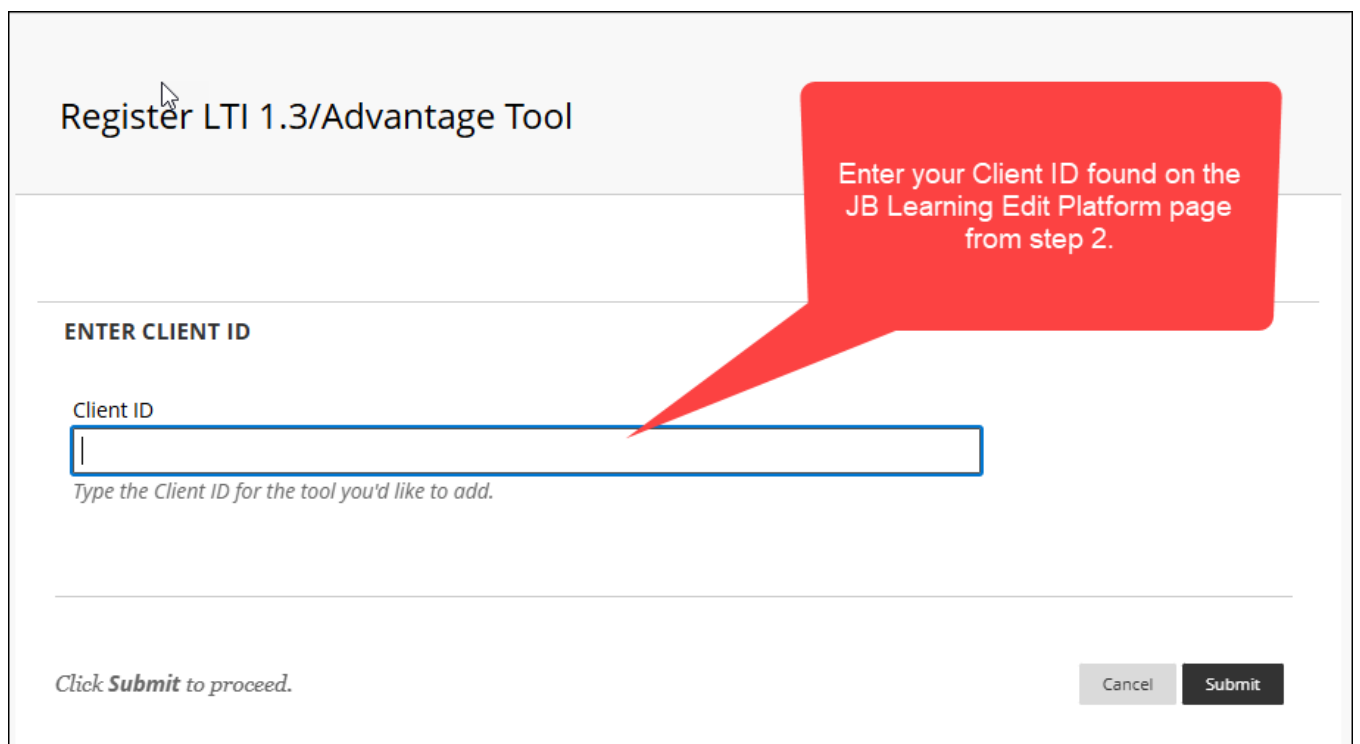4) Under LTI Tool Providers, click **Register LTI 1.3/Advantage Tool** at the top of the page.

Administrator Tools

Administrator Panel   LTI Tool Providers

LTI Tool Providers
This report is available to show all provider domains in use in the system, including the status. Domains can be approved, e

Manage Global Properties   **Register LTI 1.1 Provider**   **Register LTI 1.3/Advantage Tool**

5) In the Client ID field, enter the **Application ID** provided by JB Learning, and click on the **Submit** button at the bottom of the page.

Register LTI 1.3/Advantage Tool

Enter your Client ID found on the JB Learning Edit Platform page from step 2.

ENTER CLIENT ID

Client ID

Type the Client ID for the tool you'd like to add.

*Click **Submit** to proceed.*   Cancel   Submit

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6) On the subsequent page, confirm that all three **User Fields to Send** options are selected and that the **Allow Grade Service Access** feature is enabled. Proceed by clicking **Submit** at the bottom of the page.

7) Go back to Administrator Tools and select Manage Placements for the JB Learning 1.3 Tool.
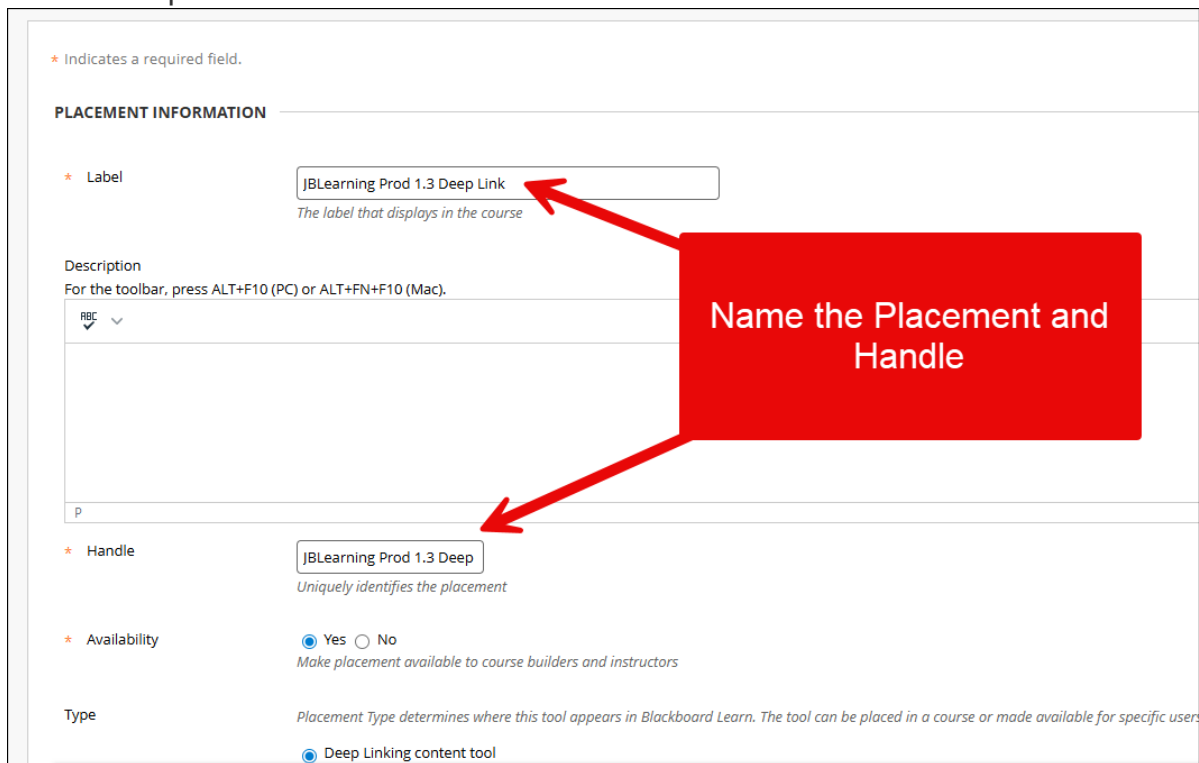
8) Select **Create Placement**.

9) Assign an appropriate name to the **Placement** and **Handle**, such as "JBLearning Prod 1.3 Deep Link."

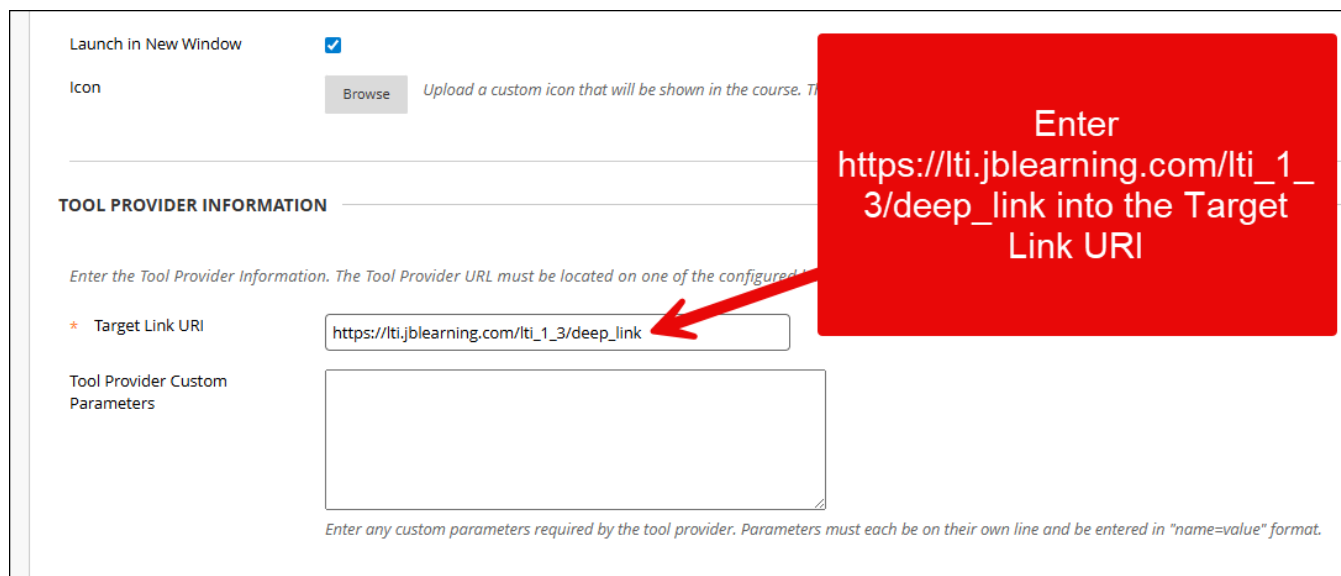10) Scroll down, enter "https://lti.jblearning.com/lti_1_3/deep_link" into the **Target Link URI**, and click submit.

Launch in New Window	☑
Icon	Browse *Upload a custom icon that will be shown in the course. Th...*

TOOL PROVIDER INFORMATION

Enter the Tool Provider Information. The Tool Provider URL must be located on one of the configured ...

* Target Link URI	https://lti.jblearning.com/lti_1_3/deep_link
Tool Provider Custom Parameters	

Enter any custom parameters required by the tool provider. Parameters must each be on their own line and be entered in "name=value" format.

> Enter https://lti.jblearning.com/lti_1_3/deep_link into the Target Link URI

11) You have successfully added JBLearning's LTI Advantage to your Blackboard. You can now use the guide for adding content in Blackboard using the 1.3 tool.

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