

# Installing JBLearning's LTI Advantage in Blackboard

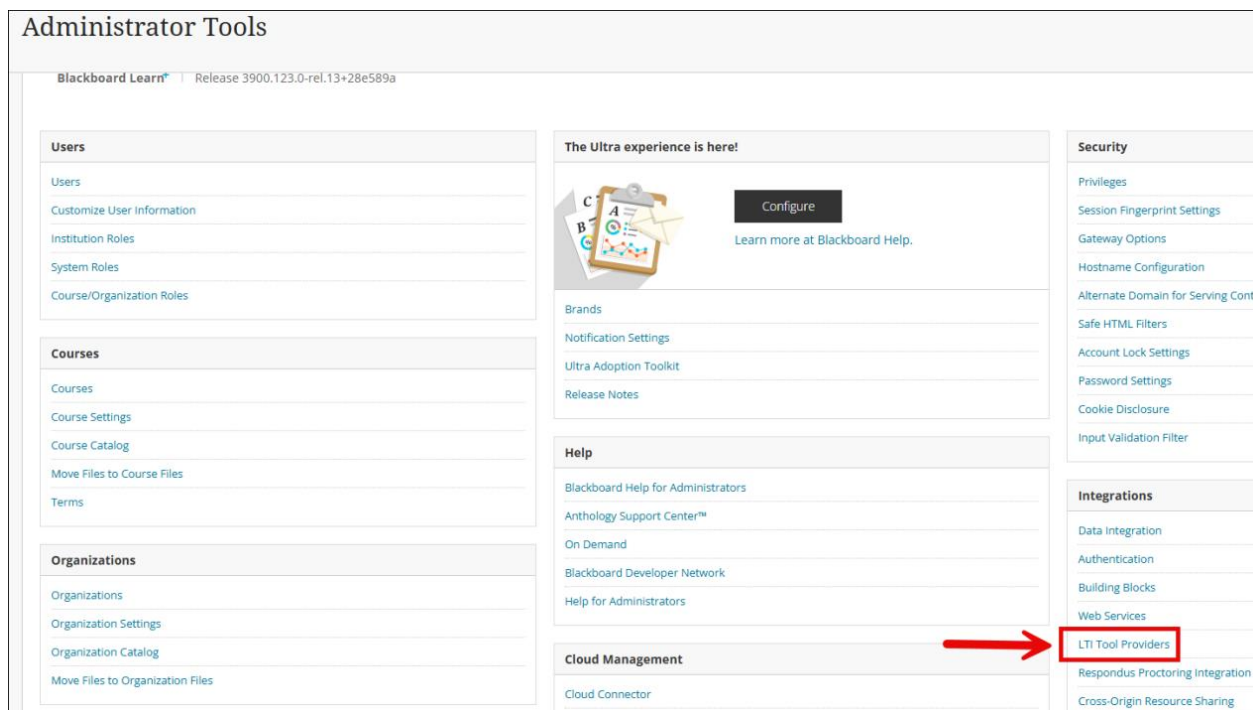
*This document provides steps for configuring and enabling JBLearning's LTI 1.3 within your integrated Blackboard Learning Management System (LMS). **Note:** installation requires System Administrator permissions. If JBLearning LTI 1.3 is set up in Blackboard, skip these steps.*

## 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](#)

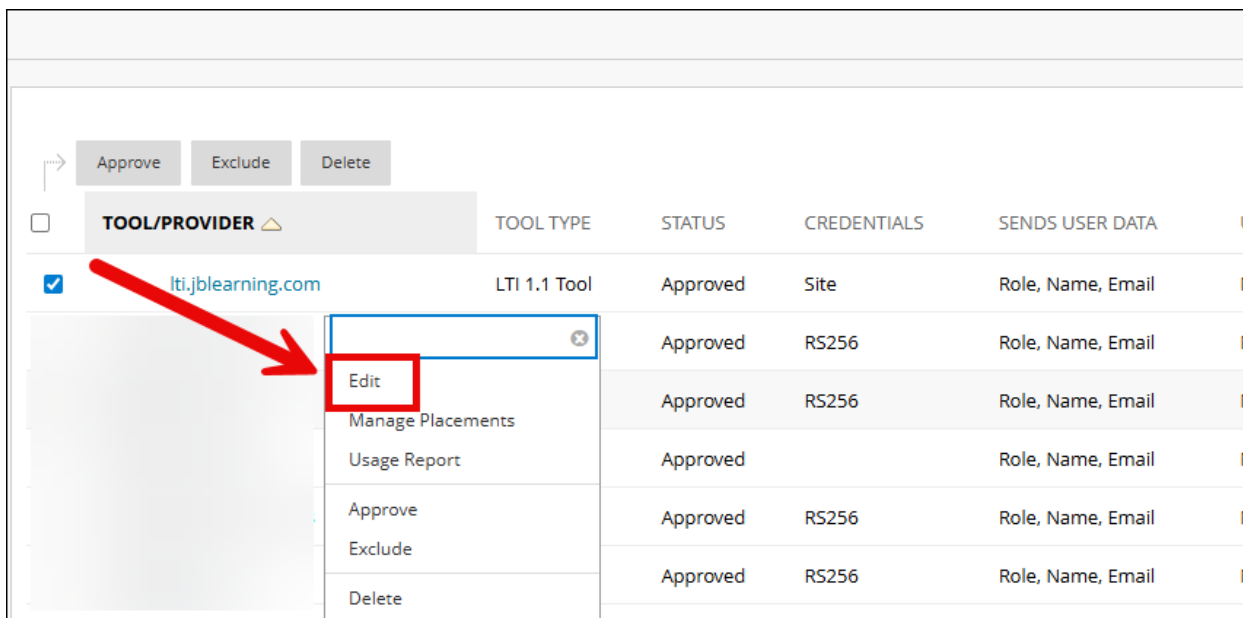
## Disable the JBLearning LTI 1.1 Tool

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.



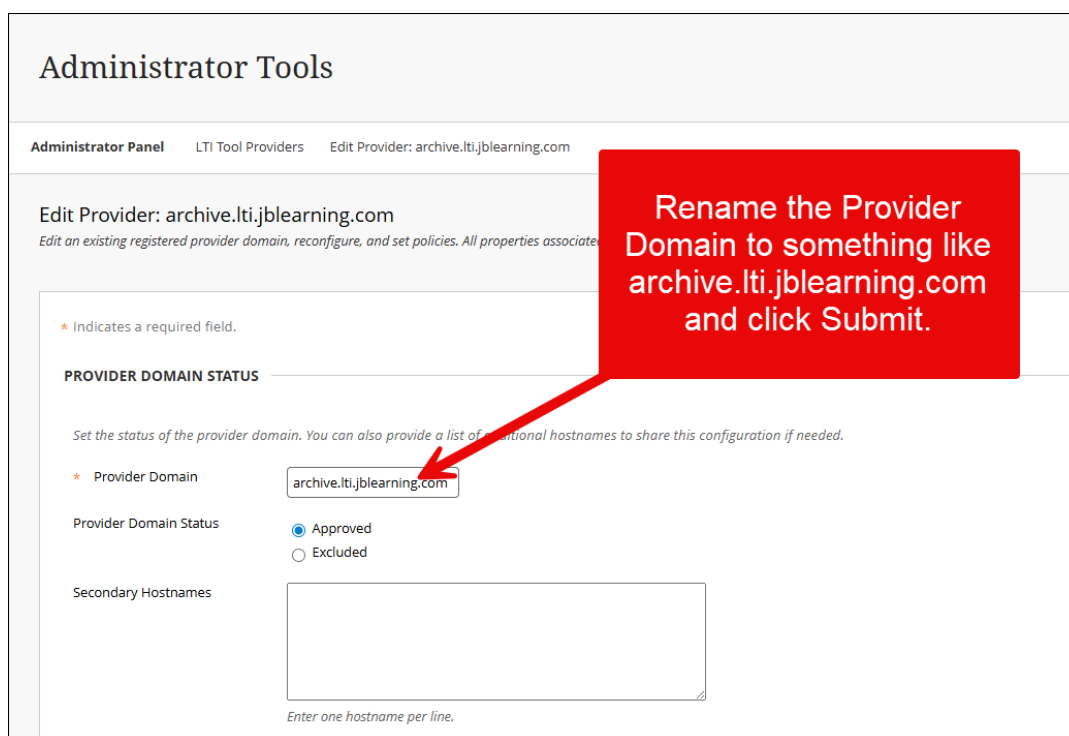
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- 1) Find the LTI 1.1 Tool that is using lti.jblearning.com for the Provider Domain and click edit. **Note:** We recommend renaming the Provider Domain at this step in the process. Once the 1.3 is fully set up and verified working, then the LTI 1.1 tool can be deleted.



	TOOL/PROVIDER	TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	
<input type="checkbox"/>	lti.jblearning.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email	N
<input checked="" type="checkbox"/>			Approved	RS256	Role, Name, Email	N
			Approved	RS256	Role, Name, Email	N
			Approved		Role, Name, Email	N
			Approved	RS256	Role, Name, Email	N
			Approved	RS256	Role, Name, Email	N

- 2) Rename the Provider Domain to something like archive.lti.jblearning.com and click submit.



## Administrator Tools

Administrator Panel LTI Tool Providers Edit Provider: archive.lti.jblearning.com

### Edit Provider: archive.lti.jblearning.com

*Edit an existing registered provider domain, reconfigure, and set policies. All properties associated with this provider domain will be updated.*

\* Indicates a required field.

**PROVIDER DOMAIN STATUS**

*Set the status of the provider domain. You can also provide a list of additional hostnames to share this configuration if needed.*

\* Provider Domain

Provider Domain Status ☒ Approved ☐ Excluded

Secondary Hostnames

*Enter one hostname per line.*

**Rename the Provider Domain to something like archive.lti.jblearning.com and click Submit.**

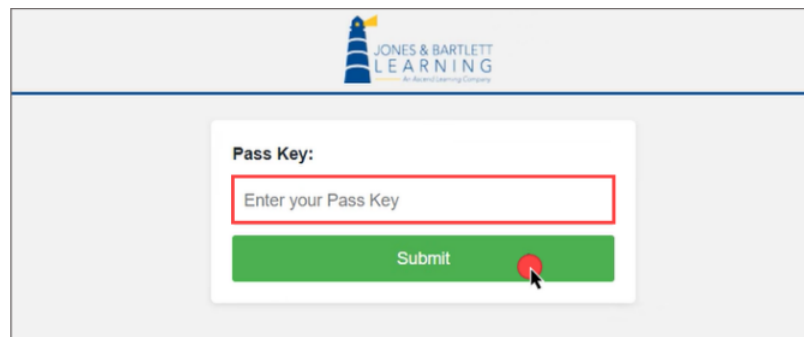
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- 3) Once you rename the Provider Domain, continue to the steps for installing the 1.3 tool in Blackboard.

## **Install the JBLearning LTI 1.3 Tool**

- 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.

A screenshot of a web form for submitting a Pass Key. At the top, there is a header with the JBLearning logo and the text "JONES & BARTLETT LEARNING An Award-Winning Company". Below the header, the form is centered on a light gray background. It features a white box with a "Pass Key:" label. Inside this box is a red-outlined text input field with the placeholder text "Enter your Pass Key". Below the input field is a green "Submit" button. A red circle with a black arrow points to the "Submit" button.

- 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.

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# Edit Platform

Name

Jones and Bartlett: Blackboard

Client Id

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

Base URI

https://myinstitution.blackboard.com

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

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.

Enter your Blackboard URL.

- 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.

Administrator Tools

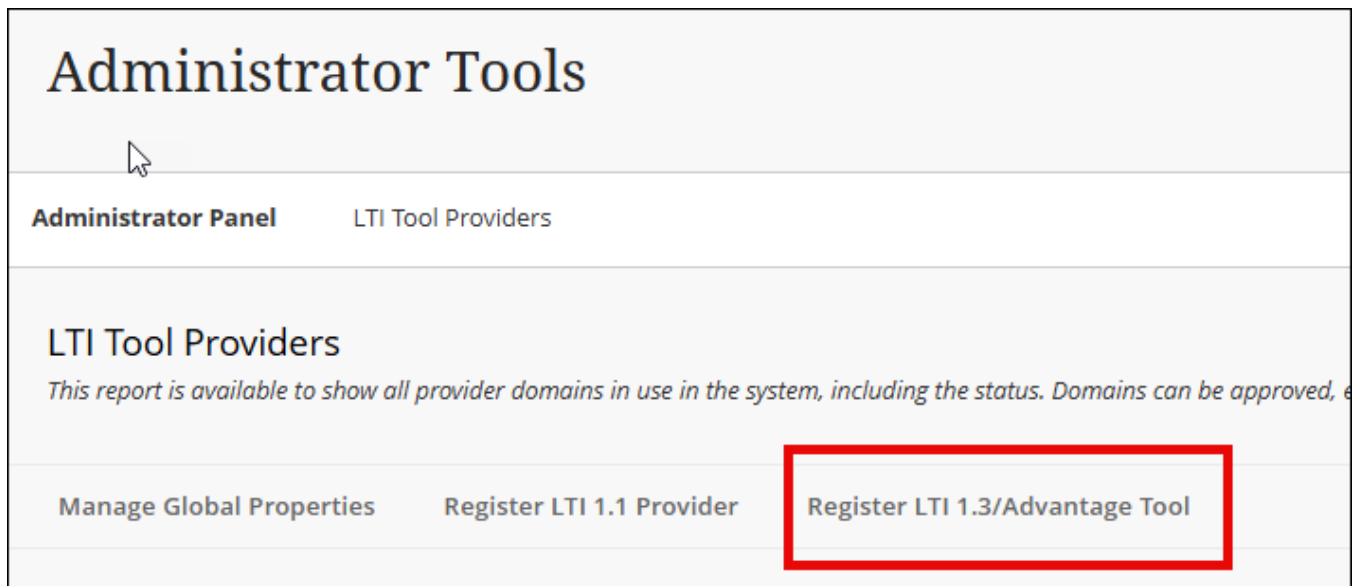
Blackboard Learn® | Release 3900.123.0-rel.13+28e589a

<b>Users</b> <ul style="list-style-type: none"><li>Users</li><li>Customize User Information</li><li>Institution Roles</li><li>System Roles</li><li>Course/Organization Roles</li></ul>	<b>The Ultra experience is here!</b> <ul style="list-style-type: none"><li>Brands</li><li>Notification Settings</li><li>Ultra Adoption Toolkit</li><li>Release Notes</li></ul>	<b>Security</b> <ul style="list-style-type: none"><li>Privileges</li><li>Session Fingerprint Settings</li><li>Gateway Options</li><li>Hostname Configuration</li><li>Alternate Domain for Serving Content</li><li>Safe HTML Filters</li><li>Account Lock Settings</li><li>Password Settings</li><li>Cookie Disclosure</li><li>Input Validation Filter</li></ul>
<b>Courses</b> <ul style="list-style-type: none"><li>Courses</li><li>Course Settings</li><li>Course Catalog</li><li>Move Files to Course Files</li><li>Terms</li></ul>	<b>Help</b> <ul style="list-style-type: none"><li>Blackboard Help for Administrators</li><li>Anthology Support Center™</li><li>On Demand</li><li>Blackboard Developer Network</li><li>Help for Administrators</li></ul>	<b>Integrations</b> <ul style="list-style-type: none"><li>Data Integration</li><li>Authentication</li><li>Building Blocks</li><li>Web Services</li><li><b>LTI Tool Providers</b></li><li>Respondus Proctoring Integration</li><li>Cross-Origin Resource Sharing</li></ul>
<b>Organizations</b> <ul style="list-style-type: none"><li>Organizations</li><li>Organization Settings</li><li>Organization Catalog</li><li>Move Files to Organization Files</li></ul>	<b>Cloud Management</b> <ul style="list-style-type: none"><li>Cloud Connector</li></ul>	

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- 4) Under LTI Tool Providers, click **Register LTI 1.3/Advantage Tool** at the top of the page.



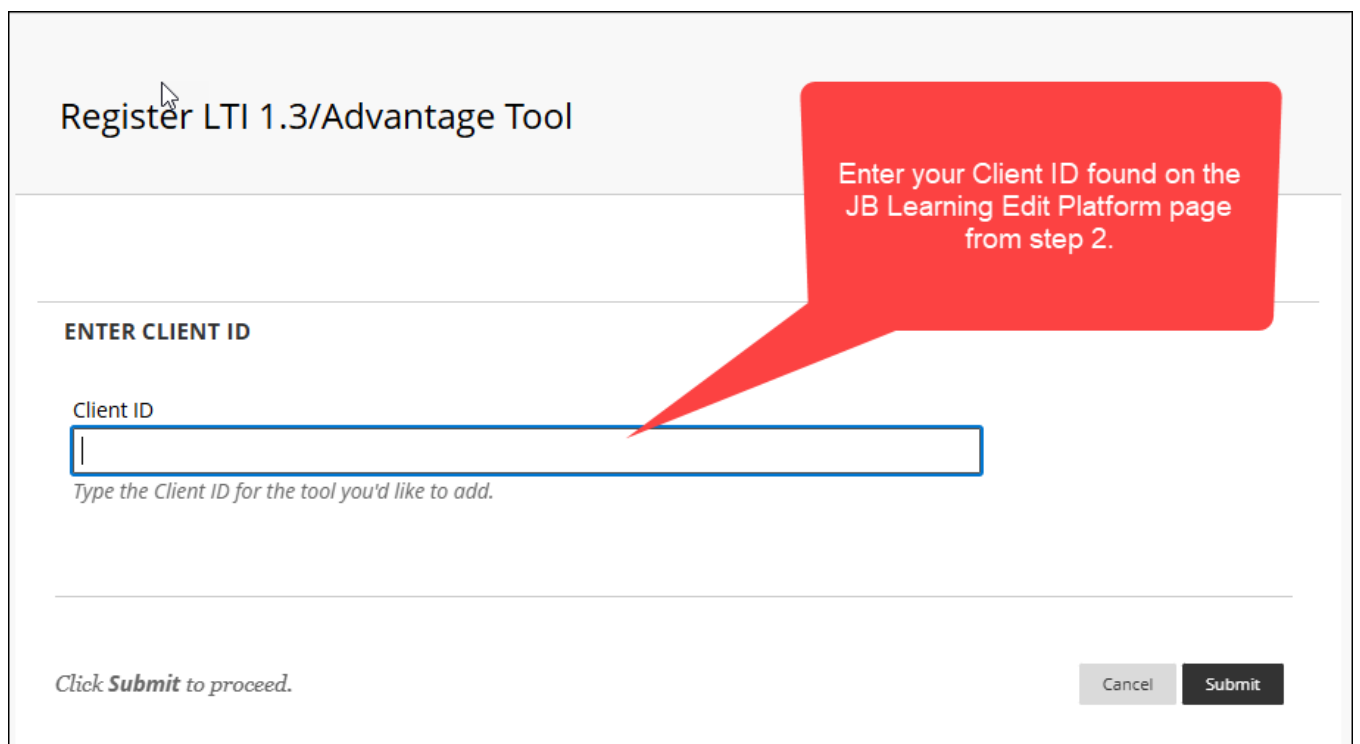
**Administrator Tools**

**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 CLIENT ID**

Client ID

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

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

Click **Submit** to proceed.

Cancel Submit

- 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.

Administrator Tools Close Administrator

Tool Provider Custom Parameters

Enter any custom parameters required by the tool provider. Parameters

**INSTITUTION POLICIES**

You can change the following settings for this tool. The fields use global values by default.

User Fields to Send

- ☒ Role in Course
- ☒ Name
- ☒ Email Address

Allow grade service access ☒ Yes ☐ No

Allow Membership Service Access ☐ Yes ☒ No

Show User Acknowledgment Message ☐ Yes ☒ No

You can edit the user acknowledgment message when Membership Service is disabled

Click **Submit** to proceed.

Cancel Submit

Ensure that all three **User Fields to Send** boxes are checked and **Grade Service** is enabled.

- 7) Go back to Administrator Tools and select Manage Placements for the JB Learning 1.3 Tool.

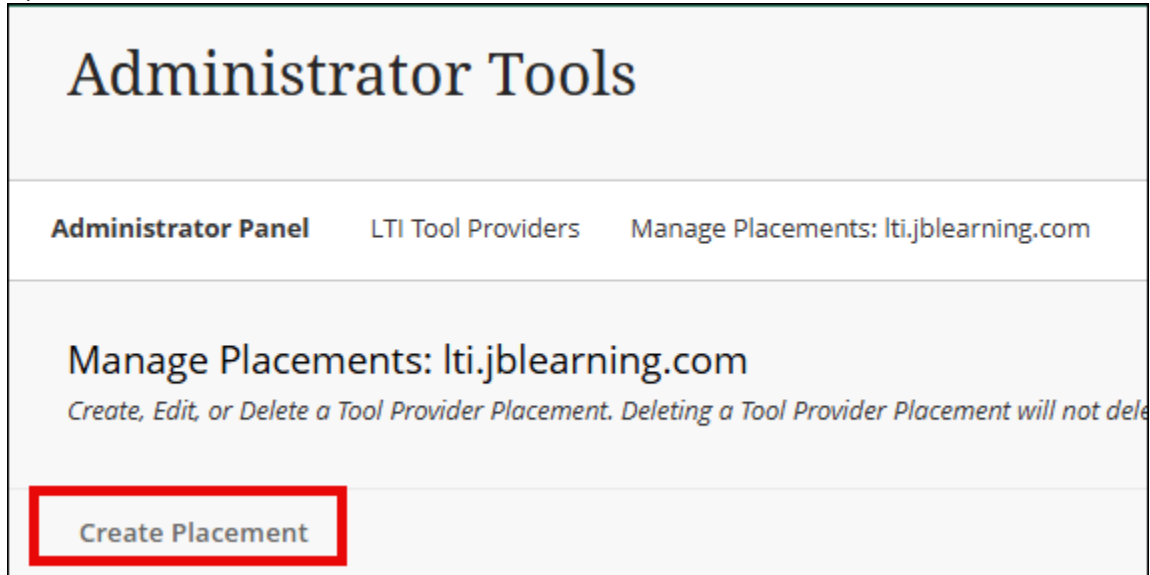
Administrator Tools

Select Manage Placements for the JB Learning 1.3 Tool

	LTI 1.3 Tool	Approved	Role, Name, Email	N	
<input type="checkbox"/>		Approved	RS256	Role, Name, Email	
<input type="checkbox"/>		Approved	RS256	Role, Name, Email	
<input type="checkbox"/>		Approved	RS256	Role, Name, Email	
<input type="checkbox"/>		Approved	Per Link	No	
<input type="checkbox"/>		Approved	RS256	Role, Name, Email	
<input type="checkbox"/>		Approved	Per Link	Role, Name, Email	
<input checked="" type="checkbox"/>	JBLearning-Prod-LTI-1.3-7-30	LTI 1.3 Tool	Approved	RS256	Role, Name, Email

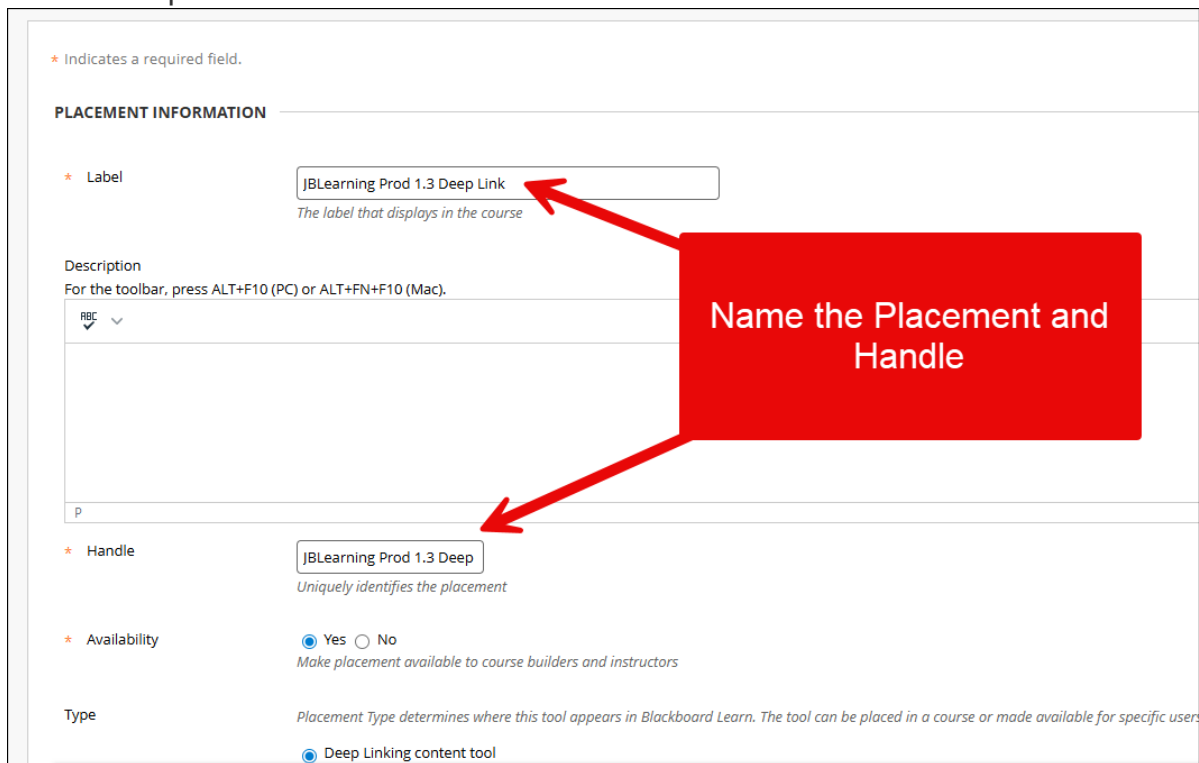
Manage Placements

8) Select **Create Placement**.



The screenshot shows the 'Administrator Tools' interface. At the top, there's a navigation bar with 'Administrator Panel', 'LTI Tool Providers', and 'Manage Placements: lti.jblearning.com'. Below this, the main heading is 'Manage Placements: lti.jblearning.com' with a subtext: 'Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not delete the tool provider.' At the bottom, a red rectangular box highlights the 'Create Placement' button.

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

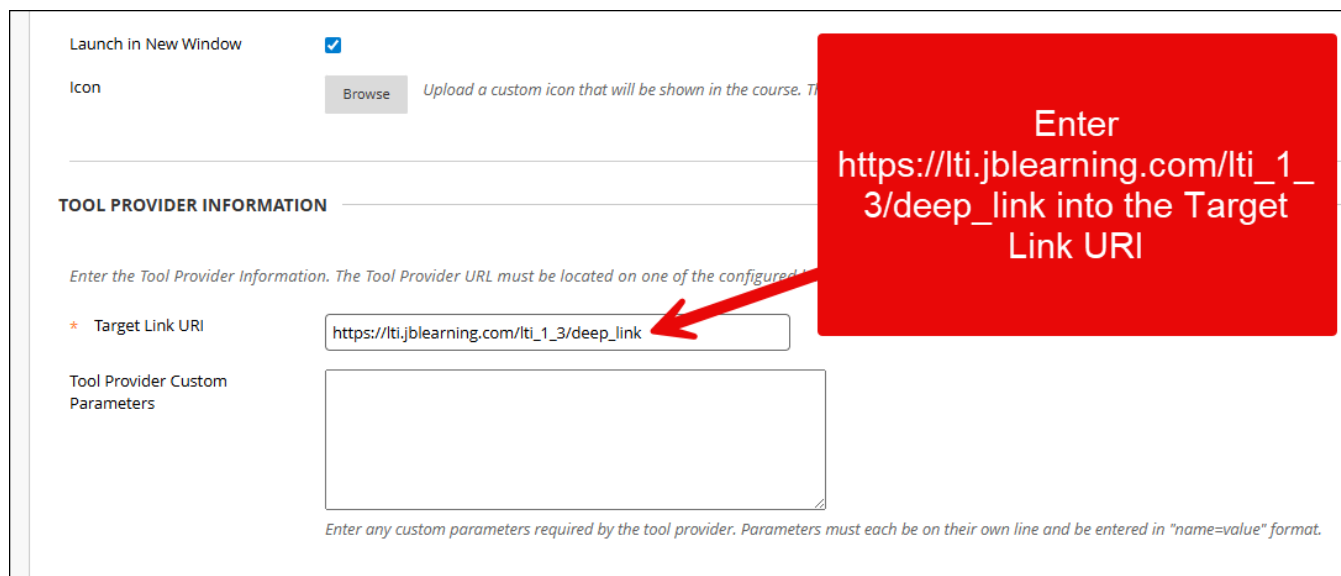


The screenshot shows the 'PLACEMENT INFORMATION' form. A red callout box with the text 'Name the Placement and Handle' has two arrows pointing to the 'Label' and 'Handle' input fields. The 'Label' field contains 'JBLearning Prod 1.3 Deep Link' with a subtext 'The label that displays in the course'. The 'Handle' field contains 'JBLearning Prod 1.3 Deep' with a subtext 'Uniquely identifies the placement'. Other fields include 'Description' (with a note about toolbar shortcuts), 'Availability' (radio buttons for 'Yes' and 'No'), and 'Type' (radio buttons for 'Deep Linking content tool' and another option).

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10) Scroll down, enter “https://lti.jblearning.com/lti\_1\_3/deep\_link” into the **Target Link URI**, and click submit.



The screenshot shows a web form for configuring an LTI tool. At the top, there is a checkbox labeled "Launch in New Window" which is checked. Below it is an "Icon" section with a "Browse" button and a text prompt: "Upload a custom icon that will be shown in the course. The icon must be a square image." The main section is titled "TOOL PROVIDER INFORMATION". It contains a text prompt: "Enter the Tool Provider Information. The Tool Provider URL must be located on one of the configured LTI Providers." Below this is a field labeled "Target Link URI" with the value "https://lti.jblearning.com/lti\_1\_3/deep\_link". A red arrow points from a red callout box to this field. The callout box contains the text: "Enter https://lti.jblearning.com/lti\_1\_3/deep\_link into the Target Link URI". Below the "Target Link URI" field is a larger text area labeled "Tool Provider Custom Parameters" with a prompt: "Enter any custom parameters required by the tool provider. Parameters must each be on their own line and be entered in 'name=value' format."

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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