

Blackboard Admin Guide



1

Navigate to the **"Integrations"** section of **"Blackboard's System Admin panel"**. Click **"LTI Tool Providers"**.

Administrator Tools

Courses

- Courses
- Course Settings
- Course Catalog
- Move Files to Course Files
- Terms

Organizations

- Organizations
- Organization Settings
- Organization Catalog
- Move Files to Organization Files

Communities

Cloud Management

- Cloud Connector
- Platform Extensions
- Partner Cloud Settings

Content Management

- Manage Content
- Learning Objects Catalog
- Display Options
- Content Management Settings
- Administrator Search
- Feature and Tool Management
- Content Area Management

Safe HTML Filters

Account Lock Settings

Input Validation Filter

Cookie Disclosure

Password Settings

Integrations

Data Integration

Authentication

Building Blocks

Web Services

LTI Tool Providers

Respondus Proctoring In

REST API Integrations

Cross-Origin Resource S

2

Click "Register LTI 1.3/Advantage Tool". The registration page should open, prompting for a Client ID.

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, excluded, and deleted. Us

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

<input type="checkbox"/>	TOOL/PROVIDER	TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	USER ACKNOWLEDGE PAGE
		LTI 1.3				

3

Copy and paste the ID below into the "Client ID" field and click "Submit".

e965f4f9-d03e-4586-a0cb-1d5264ad2a34

Administrator Tools

Administrator Panel LTI Tool Providers Register LTI 1.3 Tool

Register LTI 1.3/Advantage Tool

ENTER CLIENT ID

Client ID

e965f4f9-d03e-4586-a0cb-1d5264ad2a34

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

4 Click "Submit".

Register LTI 1.3 Tool

d03e-4586-a0cb-1d5264ad2a34

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

Cancel

Submit

5 The Tool Status page opens with all the necessary fields automatically filled in (see below).

TOOL STATUS

The following fields are read-only, but you can toggle the status of this tool

Client ID	e965f4f9-d03e-4586-a0cb-1d5264ad2a34
Name	www.vhlcentral.com
Description	Enables deep-linking and grade passback integration with VHL's premier language education platform, VHL Central
Default Deployment ID	97222d41-34af-44aa-9429-e4facffa00af
Initiate Login URL	https://www.vhlcentral.com/lti/login_initiations
Tool Redirect URLs	https://www.vhlcentral.com/lti/launches
JWKS URL	https://www.vhlcentral.com/lti/keys
Domains	www.vhlcentral.com



Alert! It is possible that the "Tool Status" may not automatically be set to "Approved" in the form (see below). If it is set to "Excluded" you must change it to "Approved."

6 Click the "Approved" field.

The following fields are read-only, but you can toggle the status of this tool

Client ID	<input type="text" value="e965f4f9-d03e-4586-a0cb-1d5264ad2a34"/>
Name	<input type="text" value="www.vhlcentral.com"/>
Description	<input type="text" value="Enables deep-linking and grade passback integration with VHL's premier language education platform, VHL Central"/>
Default Deployment ID	<input type="text" value="97222d41-34af-44aa-9429-e4facffa00af"/>
Initiate Login URL	<input type="text" value="https://www.vhlcentral.com/lti/login_initiations"/>
Tool Redirect URLs	<input type="text" value="https://www.vhlcentral.com/lti/launches"/>
JWKS URL	<input type="text" value="https://www.vhlcentral.com/lti/keys"/>
Domains	<input type="text" value="www.vhlcentral.com"/>
Tool Status	<input checked="" type="radio"/> Approved <input type="radio"/> Excluded
Tool Provider Custom Parameters	<input type="text"/>

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Click **"Submit"**. You are returned to the LTI Tool Providers Page and should see a message advising that the tool was successfully edited.

JWKS URL

Domains

Tool Status
 Approved
 Excluded

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.

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

Click **Submit** to proceed.

8

Locate the tool **"http://www.vhlccentral.com"** in the providers listing (possibly on the last page) and click on the **"0"** in the **"PLACEMENTS"** column for the tool.

Register LTI 1.1 Provider Register LTI 1.3/Advantage Tool

TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	USER ACKNOWLEDGMENT PAGE	PLACEMENTS	USAGE COUNT	DEPLOYMENTS COUNT	ALLOW JA
LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	1	3	0	No
LTI 1.1 Tool	Excluded	Site	Role, Name, Email (over SSL)	No	0	175		No
LTI 1.1 Tool	Excluded	Per Link	Role, Name, Email (over SSL)	No	0	1		No
LTI 1.1 Tool	Excluded	Per Link	Role, Name, Email (over SSL)	No	0	45		No
LTI 1.1 Tool	Excluded	Site	Role, Name, Email (over SSL)	No	0	24		No
LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	0	0	0	No
LTI 1.1 Tool	Excluded	Site	Role, Name, Email	No	0	0		No
LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	2	4	0	No
LTI 1.3 Tool	Excluded	RS256	Role, Name, Email	No	0	350	0	No
LTI 1.3 Tool	Excluded	RS256	Role, Name, Email	No	1	3	0	No
LTI 1.3 Tool	Excluded	RS256	Role, Name, Email	No	1	1	0	No
LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	5	0	0	No
LTI 1.3 Tool	Excluded	RS256	Role, Name, Email	No	1	0	0	No
LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	1	0	0	No

9

The "Manage Placements:" page should open. Click on "**Create Placement**". The "Create Placement" form should open.

Administrator Tools

Administrator Panel

LTI Tool Providers

Manage Placements:

Manage Placements:

Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not delete any content associated with it. Links to the placement v

[Create Placement](#)

No items found.

10 Fill out the form with the following settings and click "**Submit**".

- **Label:** Enter a name for the VHL tool (example: VHL Central Placement)
- **Handle:** Enter a name for the VHL tool. This should not have any spaces. You can take what was entered for the name, use all lower case and replace spaces with dashes (example: vhl-placement).

Create Placement

The provider specified will always be available through the Create URL workflow. Set the options below if you want this provider to also appear by name to Course Builders and Instructors.

* Indicates a required field.

PLACEMENT INFORMATION

* Label
The label that displays in the course

Description
For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).

REC ✓

P

* Handle
Uniquely identifies the placement

11 Fill out the form with the following settings and click **"Submit"**.

- **Availability:** Yes
- **Type:** Check "Deep Linking content tool"

The label that displays in the course

Description
For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).

REC

P

* Handle
Uniquely identifies the placement

* Availability Yes No
Make placement available to course builders and instructors

Type *Placement Type determines where this tool appears in Blackboard. Learn. The tool can be placed in a course or made available for specific users. Learn more about*

Deep Linking content tool
 Allow student access
 Course content tool

*Click **Submit** to proceed.*

12 **Tool Provider URL:** <https://www.vhlcentral.com/lti/launches>

Asset Provider tool
 OpenBadge provider
 EULA Launch tool

Launch in New Window

Icon

TOOL PROVIDER INFORMATION

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

* Tool Provider URL

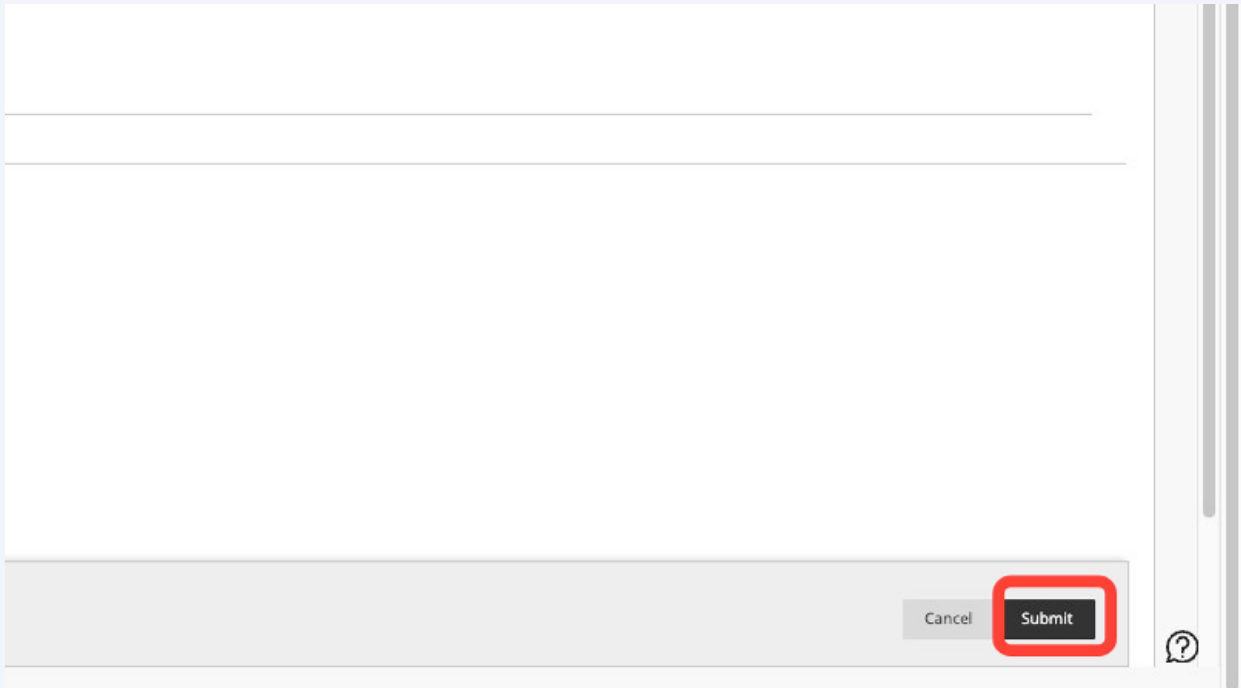
* Tool Provider Key

* Tool Provider Secret

Tool Provider Custom Parameters

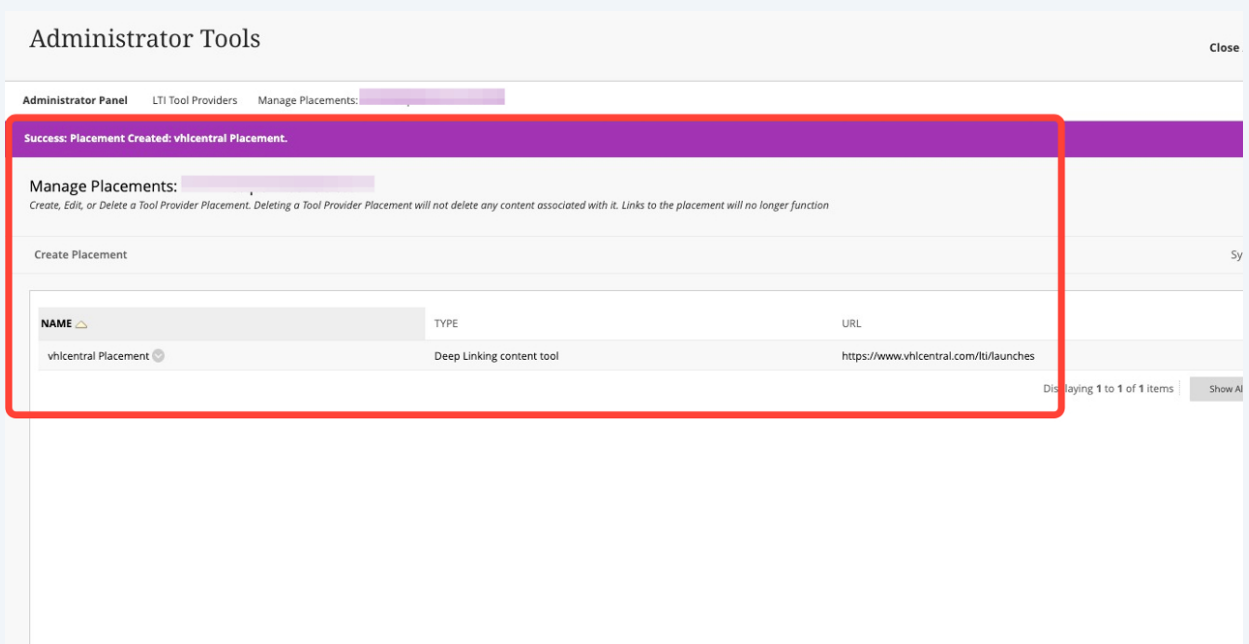
*Click **Submit** to proceed.*

13 Click **"Submit"**.



A screenshot of a form submission dialog box. The dialog box is light gray with a white background. At the bottom right, there are two buttons: a gray "Cancel" button and a black "Submit" button with white text. The "Submit" button is highlighted with a red rectangular border. To the right of the "Submit" button is a small question mark icon. The main area of the dialog box is empty, with a vertical scrollbar on the right side.

14 You should see the placement listing and a message advising the placement was successfully created.



A screenshot of the "Administrator Tools" interface. The title bar reads "Administrator Tools" with a "Close" button on the right. Below the title bar, there are navigation tabs: "Administrator Panel", "LTI Tool Providers", and "Manage Placements:". A purple success message banner at the top reads "Success: Placement Created: vhlcentral Placement." Below this, the "Manage Placements:" section is highlighted with a red border. It contains a sub-header "Manage Placements:" and a description: "Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will not delete any content associated with it. Links to the placement will no longer function." Below this is a "Create Placement" button. A table lists the placement:

NAME ↕	TYPE	URL
vhlcentral Placement	Deep Linking content tool	https://www.vhlcentral.com/lti/launches

At the bottom right of the table, it says "Displaying 1 to 1 of 1 items" and a "Show All" button.