

# Blackboard Admin – VHL LTI Tool Installation

1. Go to System Admin > LTI Tool Providers (under **Integrations**)
2. Select the **Register LTI 1.3/Advantage Tool** tab. The registration page should open prompting for a Client ID.

LTI Tool Providers

This report is available to show all provider domains in use in the system, including their status. Domains can be approved, excluded, and deleted. Use the Register Provider Domain option to create additional LTI Tool Providers. [More Help](#)

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

Approve	Exclude	Delete	TOOL/PROVIDER	TOOL TYPE	STATUS	CREDENTIALS	SENDS USER DATA	USER ACKNOWLEDGMENT PAGE	PLACEMENTS	USAGE COUNT
<input type="checkbox"/>			10.20.0.106	LTI 1.1 Tool	Approved	Per Link	Role, Name, Email	No	1	3
<input type="checkbox"/>			1647401.kaftest.dev.kaltura.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email (over SSL)	No	1	0

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

**e965f4f9-d03e-4586-a0cb-1d5264ad2a34**

ENTER CLIENT ID

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

Click **Submit** to proceed.

Cancel   Submit

- The Tool Status page opens with all of the necessary fields automatically filled in (see below). **NOTE: It is possible that the “Tool Status” may not automatically be set to “Approved” in the form below. If it is set to “Excluded” you must change it to “Approved.”**

**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!
Deployment ID	6a8dfa57-85bb-454c-aeeb-64bc8cd68fb2
Initiate Login URL	<a href="https://www.vhlcentral.com/lti/login_initiation">https://www.vhlcentral.com/lti/login_initiation</a>
Tool Redirect URLs	<a href="https://www.vhlcentral.com/lti/launches">https://www.vhlcentral.com/lti/launches</a>
JWKS URL	<a href="https://www.vhlcentral.com/lti/keys">https://www.vhlcentral.com/lti/keys</a>
Domains	www.vhlcentral.com

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.*

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**INSTITUTION POLICIES**

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

User Fields to Send	<input checked="" type="checkbox"/> Role in Course <input checked="" type="checkbox"/> Name <input checked="" type="checkbox"/> Email Address
Allow grade service access	<input checked="" type="radio"/> Yes <input type="radio"/> No
Allow Membership Service Access	<input checked="" type="radio"/> Yes <input type="radio"/> No

*Click Submit to proceed.*

[Cancel](#) [Submit](#) [?](#)

- On the Tool Status page select **Submit**. You are returned to the LTI Tool Providers Page and should see a message advising that the tool was successfully edited.

6. Locate the tool(**www.vhlcentral.com**) in the providers listing (possibly on the last page) and click on the **0** in the PLACEMENTS column for the tool.

The screenshot shows a web browser window titled "LTI Tool Providers - Blackboard". The URL is "partner-smoke-test-a.blackboard.com/webapps/blackboard/execute/blti/manageToolProviders". The page displays a table of tool providers. One row for "www.vhlcentral.com" is highlighted with a red arrow pointing to the "0" in the "PLACEMENTS" column. The table includes columns for Name, Type, Status, Site, Role, Name, Email, and two numerical columns. At the bottom, there are buttons for "Approve", "Exclude", and "Delete". Below the table, it says "Displaying 126 to 150 of 150 items" and buttons for "Refresh", "Show All", and "Edit Paging...".

Name	Type	Status	Site	Role, Name, Email	No	1	1
w-staging.taskstream.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email	No	0	0
www.auto.proctoru.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email (over SSL)	No	0	0
www.knewton.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email (over SSL)	No	0	1765
www.nearlocal.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email	No	1	0
www.tsugicloud.org	LTI 1.1 Tool	Approved	Site	Role, Name, Email	No	3	9
www.vhlcentral.com	LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No	0	3
www.vialivetext.com	LTI 1.1 Tool	Approved	Per Link	Role, Name, Email	No	0	1
www-test.narpod.com	LTI 1.1 Tool	Approved	Site	Role, Name, Email	No	2	0

The Manage Placements: page should open.

The screenshot shows a web page titled "Administrator Panel" with a breadcrumb trail: "LTI Tool Providers > Manage Placements: www.vhlcentral.com". The main title is "Manage Placements: www.vhlcentral.com" with a subtitle "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". A red arrow points to the "Create Placement" button. Below it is a table with one item. The table has columns: NAME, TYPE, and URL. The single entry is: VHLCentral, Deep Linking content tool, http://www.vhlcentral.com/lti/launches. At the bottom, it says "Displaying 1 to 1 of 1 items" and buttons for "Show All" and "Edit Paging...".

NAME	TYPE	URL
VHLCentral	Deep Linking content tool	http://www.vhlcentral.com/lti/launches

7. Click on "Create Placement." The "Create Placement" form should open.

Administrator Panel LTI Tool Providers Manage Placements: www.vhlcentral.com Create 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.

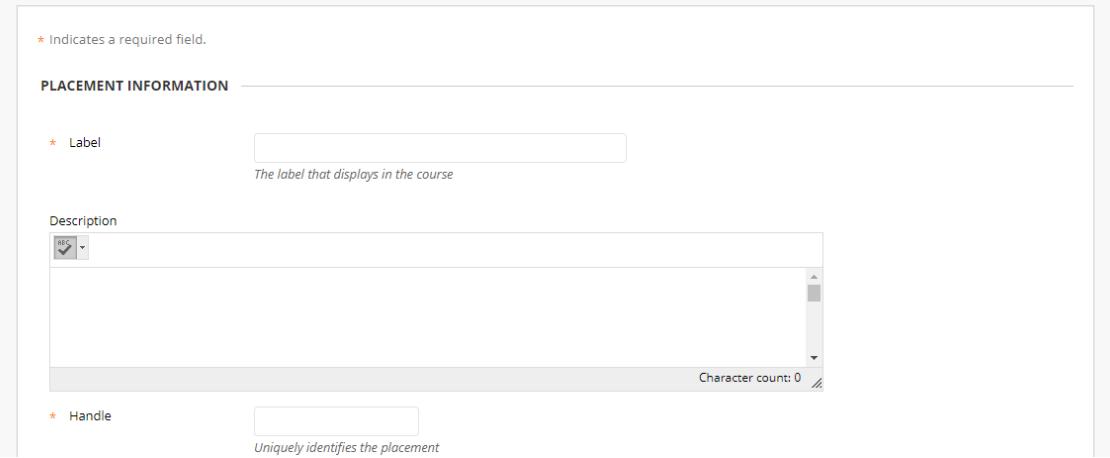
\* Indicates a required field.

**PLACEMENT INFORMATION**

\* Label  The label that displays in the course

Description  Character count: 0

\* Handle  Uniquely identifies the placement



8. 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)*

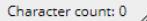
**Availability:** Yes

**Type:** Check "Deep Linking content tool"

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

**PLACEMENT INFORMATION**

\* Label  **VHL Central Placement**  
The label that displays in the course

Description  
 

\* Handle  **vhl-placement**  
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 placement types.](#)

  Deep Linking content tool  
 Allow student access

Course content tool  
 Allows grading

Course tool  
 Allow student access

System tool

Administrator tool

Launch in New Window

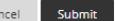
Icon  Upload a custom icon that will be shown in the course. The size of the icon should be 50 by 50 pixels.

**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  **https://www.vhlcentral.com/lti/launches**

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.

Click **Submit** to proceed.   

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

## Information for VHL Tech Support

Please advise VHL Tech Support that you will start using the VHL LTI tool for Blackboard before you proceed with adding tool links to courses (as explained in the instructions for instructor linking). Also, please let Tech Support know if your school is using a self-hosted or hosted Blackboard site.