

D2L LMS LTI Tool Configuration

This document will walk D2L administrators through the LTI 1.3 tool configuration to integrate SAGE Vantage with D2L. This tool will allow instructors the ability to create deep links and sync grades between Vantage and their D2L courses.

Some configuration information is provided to you by SAGE. Your SAGE Technical Implementation Specialist will provide these details using a privnote link (https://privnote.com/). Please note that this link can be opened once. When you close the page, the contents of the privnote will be destroyed. Once you open the privnote, we recommend storing a copy of this information for your records.

- 1. Before you begin, verify that LTI Advantage permissions are enabled.
 - a. Click the gear icon to open the tools menu. Locate the "Security" section and click **Roles and Permissions**. You may need to scroll down through the available features to see it.

## \$ \$		ŝ
Media Rep	External Learning Tools External Links Form Elements Global News Homepage Management	Course Management Grade Schemes Learning Activity Library Rubrics
Add New Add New	Import/Export/Copy Components IMS Configuration	ePortfolio Tag Management
LTI Links Create ne	Language Management Locale Management Login Page Management	Security Password Policy Roles and Permissions
	Mail Template Management	Trusted Sites

b. Open the context menu next to Administrator. From the menu, select **Edit Permissions**.



(S)SA	Edit Settings	
Brightspace Cc	Edit Permissions	
Roleli	Edit Role Interactions	
NOIC LI.	Event Log	
Create / Copy	Сору	
Pala and Decerir	Import Permissions	
Kole and Descrip	Export Permissions	
Super Admin Super Adminis	Delete	
Administrator Admin	~	

c. In the Filter by Tool dropdown list, select External Learning Tools.

Edit Permis	sions - A	Adminis	trato	or
Filter by Role	Filter by Tool			
Administrator 🗸	External Lear	ning Tools	~	Apply Filter
External Learning Tools	Brightspace Fe Broken Link Vi Bulk Course C Calendar Checklist	eed iewer reate		Course Offering
Manage External Learning Tools Configuration	Class Progress Classlist Competencies Config Variable Content	Class Progress Classlist Competencies Config Variable Browser Content		
Launch External Learning Tool Links	Course Builder Course Manag Customization	r gement Console Configuration		
Manage and Delete External Learning Tool Links	Demographics Discussions Dropbox Email			
Manage External Learning Tool Providers			Ŧ	

d. Tick the checkboxes for Manage LTI Advantage Tool Registrations and Manage LTI Advantage Tool Deployments. Next, click Save and Close to complete.



Edit Permissions - Administrator 🗸					
Filter by Role Filter by Tool					
Administrator ~	External Learning Tools ~ Apply Filter				
External Learning Tools	Organization	Course Template	Course Offering	Group	
Manage External Learning Tools Configuration		>	\checkmark		
Launch External Learning Tool Links	V		V		
Manage and Delete External Learning Tool Links		V	V		
Manage External Learning Tool Providers	>	\checkmark	V		
Create Quicklinks from available External Learning Tools links		V	V		
Create External Learning Tool Links from available External Learning Tool Providers					
Manage LTI Advantage Tool Registrations	☞ 🕌	N/A	N/A	N/A	
Manage LTI Advantage Tool Deployments	☞ 🕌	N/A	N/A	N/A	
Delete External Learning Tool Links					
Save and Close Save Cancel					

2. Once you have verified the permissions, click the gear icon in the upper-right corner of the page to open the tools menu.





3. Locate the "Organization Related" section and click **Manage Extensibility**. You may need to scroll down through the available features to see it.

) KN	ن ې
External Learning Tools External Links Form Elements Global News Homepage Management Import/Export/Copy Components	Course Management Course Management Grade Schemes Learning Activity Library Rubrics ePortfolio
IMS Configuration	
Locale Management	Password Policy Roles and Permissions
Mail Template Management Manage Extensibility	Trusted Sites
Manage Workflow Sessions	Product/Tool Administration

4. Click the link for LTI Advantage (a) followed by the Register Tool button (b).



	(\$) SAGE	0
	Brightspace Community Online Help	
	ID Key Authorization OAuth 2.0 LTI Advantage	
_	This list contains LTI Advantage tools registered by your institution.	
b	Register Tool Enable Disable	
	All Enabled Disabled	٩

5. When prompted whether to register the tool as Standard or Dynamic, choose **Standard**.

Registe	er a Tool			
How would you like	e to register your tool?			
What is Dynamic vs. Standard Registration?				
Dynamic				
Register	Cancel			

- 6. On the Register a Tool page, complete the following fields as indicated:
 - a. Name: SAGE Vantage



Register a Tool
How would you like to register your tool?
What is Dynamic vs. Standard Registration? Standard Dynamic
Enabled
Name *
SAGE Vantage

b. **Description**: This can be the same as the Name.



c. Domain: https://vantage.sagepub.com

Domain *
https://vantage.sagepub.com

d. Redirect URL: The Redirect URL will be provided by SAGE.



Redirect URLs*

https://vantage.sagepub.com/lti1p3/tool/ABCDE12345

+ Add Redirect URL

e. OpenId Connect Login URL: https://vantage.sagepub.com/lti1p3/OidcLogin

OpenID Connect Login URL *

https://vantage.sagepub.com/lti1p3/OidcLogin

f. Keyset URL: The Keyset URL will be provided by SAGE.

1	Keyset URL
	https://vantage.sagepub.com/lti1p3/tool/ABCDE12345

g. Extensions: Tick the checkboxes for Assignment and Grade Services and Deep Linking.

Extensions
What are Extensions?
 Assignment and Grade Services
Deep Linking
Names and Role Provisioning Services

- 7. Make a final review of the settings for accuracy, then click the **Register** button.
- 8. Saving the Registration will provide a list of **Registration Details**. Use the copy icon to **Copy** each of these items. Send this information back to SAGE.





9. Once you have copied each of the items in the list, click the **View Deployments** button.



10. Click the **New Deployment** button.



Brightspace Community Online Help							
LTI Advantage Manage External Learning Tool Links Manage Tool Providers							
New	Deployment	Enable	Disable				
All	Enabled	Disabled					
	Deployment Nar	ne 🔺	Registration	n Name	Ava		

- 11. On the **Deploy Tool** page, complete the following items:
 - a. **Tool**: In the dropdown, select the LTI tool you created in previous steps.

Deploy Tool	
Enabled	
Tool *	
SAGE Vantage 🗸 🗸	0

b. Name: SAGE Vantage

N	lame *
	SAGE Vantage



c. **Description**: This can be the same as the Name.

D	Description
	SAGE Vantage

d. Security Settings:

- i. Tick the checkboxes for **Org Unit Information** and **User Information**.
- ii. Under User Information, clear the checkboxes for **User ID** and **Username**.

Classlist including users not known to this deployment	?
Description	
Title	
Link Information	
✓ Org Defined Id	
Username	
User ID	
Email	
✓ Last Name	
✓ Middle Name	
✓ First Name	
Name	
User Information	
✓ Org Unit Information	
Anonymous	
Select the information to share with the tool:	
Security Settings	



- e. Configuration Settings:
 - i. Tick the checkboxes for **Open as External Resource** and **Grades created by LTI will be included in Final Grade**.



f. **Make tool available to**: Click **Add Org Units** to select the global organization to allow this tool to be used in any course. Individual courses can also be selected if desired.

Make tool available to:		
Add Org Units		
The Organization: SAGE $ imes$		
Create Deployment Cancel		

Note: Depending on how your Org Units are divided for your school, you may need to add more than one organizational unit if you have instructors in multiple departments who need access to the tool.

- g. Make a final review of the settings for accuracy, then click the **Create Deployment** button.
- 12. In the confirmation box, click View Links.



Brightspace Deployment Details
Deployment Id
3f81440a-149b-404c-8c04-a3e459c48235 📳
View Links
Done

13. Click the **New Link** button.

Brightspace Community Online Help			
LTI Advantage Deployments > SAGE Vantage Production 1.3 Tool > Links Links			
New Link	Enable	Disable	
All Ena	bled Di	sabled	
Link Na	ime 🔺		

14. On the **Create Link** page, complete the following items:

a. Name: SAGE Vantage



Create Link
Enabled
Name *
SAGE Vantage

b. **URL**: The URL is the Redirect URL provided by SAGE. This is the same URL you used in Step 6d above.

URL *	
https://vantage.sagepub.com/lti1p3/tool/ABCDE12	345

c. **Description**: This can be the same as the Name.



d. **Type**: Set the dropdown to Deep Linking Quicklink. Set both the Width and Height options to 1000.

Туре			Width	Height
Deep Linking Quicklink	~	0	1000	1000
Substitution Parameters *				

e. Click the Save and Close button when finished.



- 15. After you send the Registration Details to your SAGE Technical Implementation Specialist, you will receive confirmation that the integration is complete on the SAGE side. We recommend that you attempt to add a link to Vantage in a sandbox course to confirm the tool configuration is working.
 - a. In your sandbox course, click **Content** in the top navigation menu.



b. If necessary, click **Add a module** in the left menu to create a content area to work in.

廩	Overview	
Ω	Bookmarks	
₿	Course Schedule	
Tabl	e of Contents	23
	Chapter 01	22
	Chapter 02	1
Add a module		



c. Click Add Existing Activities, then choose the SAGE Vantage tool.

Sandbo	x Module 🗸		
Add dates and r	restrictions		
Add a description			
New 🗸	Add Existing Activities V		
i 			
Add a sub-moc			
	SAGE Vantage		

d. You should see the following error message that you do not have a valid Vantage account:

"Message: Your learning management system email [your_email@school.edu] does not match an existing account in SAGE Vantage. Please contact collegetechissues@sagepub.com so that our support team can create or merge your accounts."



Seeing this error indicates you have authenticated into Vantage to the point



where it is doing a user check. Since the user check is looking for an instructor account, this message indicates the configuration is correct.