Configure OneDrive Connections

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This tool is available as part of the Campus Learning premium offering.

Location: Digital Learning Applications Configuration > click OneDrive > Add LTI Connection

This article walks you through the process of configuring a connection to OneDrive. Currently, these connections allow teachers to attach files to assignments.

OneDrive connections use the 1.3 version of the LTI specification.

See the Configuring LTI Connections article for a more in-depth explanation of this process.

Configure a Connection

Configuring a connection to OneDrive involves actions taken in both Infinite Campus and your Microsoft OneDrive LTI Registration Portal.

In Infinite Campus	In Microsoft OneDrive
1. Open the **Digital Learning Applications Configuration** tool. 2. Click **Settings & Management** and under *LTI Settings*, click **Auto-Configure** and then copy the **Campus Base URL** for later use. Click **Close**. 3. Click **Add Application** and select **OneDrive**. 4. Expand **LTI 1.3 Connections** and click **Add LTI Connection**.	

In Infinite Campus	In Microsoft OneDrive
	5. Next, navigate to the Microsoft OneDrive LTI Registration Portal. 6. Log in using your Office 365 Global Admin account. 7. Click **Admin Consent** and accept the permissions. If you don't complete this step before continuing, an error displays and you may need to wait an hour before attempting the configuration again. Ensure that you are signed in as a Global Admin and repeat this step. 8. Click **Create new LTI Tenant**. 9. For *LTI Consumer Platform*, select **Other**. 10. Copy and paste the Campus Base URL you copied earler into the **Base URL** field. 11. Click **Next** 12. Enter the following data FROM Microsoft into the New LTI 1.3 Connection screen in Infinite Campus and click **Save**:

Field in Infinite Campus		Field in Microsoft OneDrive
Login Initiation URL		OIDCLoginInitiationUri
Launch URL		ToolOIDLaunchRedirectUri
Public Keyset URL		ToolPubliJwksUri
Target Link URI		This URL: https://onedrivelti.microsoft.com

13. In Infinite Campus, click **Save** to generate a Client ID.
14. Click the newly-made connection to reopen it and edit it.
15. Enter the following data FROM Infinite Campus into the Microsoft OneDrive LTI Registration Portal and click **Save**:

In Infinite Campus	In Microsoft OneDrive

Field in Infinite Campus		Field in Microsoft OneDrive
Issuer (at the bottom of the screen)		LTI Issuer
OpenID Endpoint		LTI Authorize Url
Public Keyset URL		LTI Public Jwks Url
Access Token URL		LTI Access Token Url
Client ID		LTI Client Id

16. In Microsoft OneDrive, click **Next**.
17. Leave *Allow Multiple Microsoft Accounts for Instructors* and *Allow Multiple Microsoft Accounts for Learners* marked.
18. Click **Next** and then **Save**.
19. In Infinite Campus, click **Test Connection**. You should see the OneDrive file picker display. It may take a few seconds the first time, but after that it will load more quickly.

Modify a Connection

Consider the following if you need to update a connection, such as if your district changes its Infinite Campus URL:

The Microsoft OneDrive LTI Registration Portal does not allow you to edit an existing LTI connection. To modify a connection, remove the existing connection on the Microsoft side. The LTI connection on the Infinite Campus side CAN be edited.

In Infinite Campus, make sure you remove the 4 values you copied from Microsoft when you created the initial connection and replace them with the corresponding values for the new connection (Launch URL, Public Keyset URL, Login Initiation URL, and Target Link URI). Otherwise, follow the steps as described above.