

Allowing Microsoft OneDrive Links in Documents

This guide shows the steps required to set up an integration with Microsoft OneDrive, allowing files stored in OneDrive to be linked within the Intranet.

⚠ This feature is available from **Claromentis 8.5+**, your site must be using 'https://' and be publicly accessible (no VPN or RDP required) for the API to work.

If you can't see the option to add OneDrive in Documents, please check **Admin > Documents** and make sure `ERMS_CONFIG_ONEDRIVE_LINKS` is set to ON.

(If it is not on, please [raise a support ticket](#) for our team to assist you)

Use Microsoft OneDrive links (`ERMS_CONFIG_ONEDRIVE_LINKS`)

Step 1: Log in to the Microsoft Azure Portal

<https://portal.azure.com>

Log in to the Microsoft Azure Portal with your Microsoft ID or register if you don't have one.

You need to register a new application by searching for **App Registration**:

- Name your system name for example, 'My Intranet OneDrive Picker"
- Supported account types: Choose between Organisation only and or allowing a personal Microsoft account too
- Redirect URI: set to **Web** `https://yourcompany.myintranet.com/intranet/documents/onedrive_callback.php`
- Click: **Register**

Step 2: Set up API permission

Click on 'View API permissions':

Discover OneDrive Picker

Search (Cmd+ /) Delete

Overview

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? →

Display name: [Discover OneDrive Picker](#) Edit

Redirect URIs: 1 web, 0 public client

Application (client) ID: 6da8da6a-b5cf-4aef-a445-224851bb08ff

Object ID: 3b8ec046-2875-483b-9d45-fcf36f22edf1

Call APIs



Build more powerful apps with rich user and business data from Microsoft services and your own company's data sources.

Documentation

[Microsoft identity platform](#)
[Authentication scenarios](#)
[Authentication libraries](#)
[Code samples](#)
[Microsoft Graph](#)
[Glossary](#)
[Help and Support](#)

View API Permissions

Add API permission for the following:

Microsoft Graph > Delegated Permission

- [Files.Read](#)
- [Files.Read.All](#)
- [Files.Read.Selected](#)
- [User.Read](#)

API permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs.

[+ Add a permission](#)

API / PERMISSIONS NAME	TYPE	DESCRIPTION	ADMIN CONSENT ...
▼ Microsoft Graph (4)			
Files.Read	Delegated	Read user files	-
Files.Read.All	Delegated	Read all files that user can a...	-
Files.Read.Selected	Delegated	Read files that the user sele...	-
User.Read	Delegated	Sign in and read user profile	-

These are the permissions that this application requests statically. You may also request user consent-able permissions dynamically through code. [See best practices for requesting permissions](#)

Step 3: Set up Authentication - Implicit Grant

The redirect URL was configured in Step 1, so now under Advanced Settings, make sure Implicit Grant Flow authorisation via Access tokens and ID tokens have their boxes checked:

Home > Discover OneDrive Picker - Authentication

Discover OneDrive Picker - Authentication

Save Discard Try out the new experience Got feedback?

Advanced settings

Logout URL

Implicit grant
Allows an application to request a token directly from the authorization endpoint. Recommended only if the application has a single page architecture (SPA), has no backend components, or invokes a Web API via JavaScript. [Learn more about the implicit grant flow](#)

To enable the implicit grant flow, select the tokens you would like to be issued by the authorization endpoint:

Access tokens 

ID tokens 

Live SDK support 

Allow direct integration with the Microsoft account service (login.live.com). Required for integration with Microsoft account SDKs such as Xbox or Bing Ads

Yes No

Step 4: Branding (optional)

Home > Discover OneDrive Picker - Branding

Discover OneDrive Picker - Branding

Save Discard

* Name  Discover OneDrive Picker

Logo



Upload new logo  "roundClogo.png" 

Home page URL  <https://discover.claromentis.com>

Terms of Service URL 

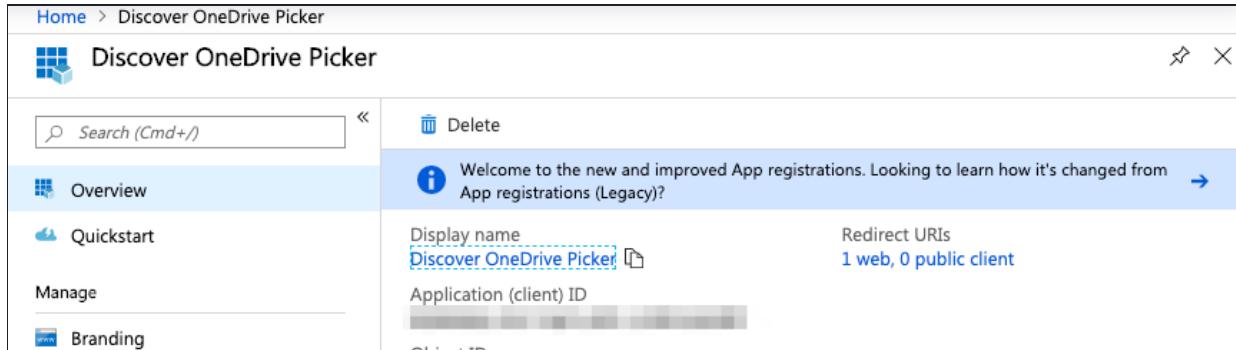
Privacy Statement URL 

Publisher Domain   Unverified [Configure a domain](#)

The application's consent screen will show 'Unverified'. [Learn more about publisher domain](#)

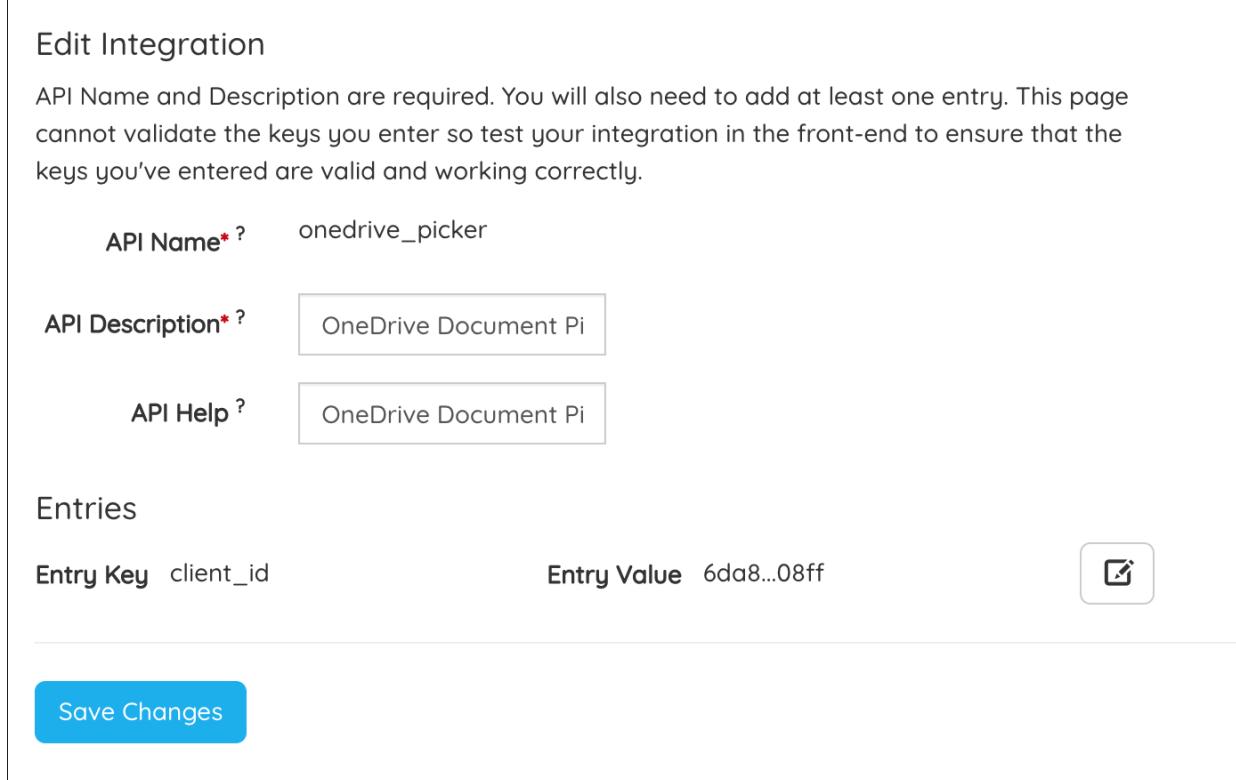
Step 5: Copy Application (Client) ID

Before you leave the portal and start using the details given to set up the OneDrive API in Claromentis, make sure you copy the Application (client) ID - (field shown below that is obscured)



The screenshot shows the Microsoft Azure portal's 'App registrations' section. A specific app named 'Discover OneDrive Picker' is selected. The 'Overview' tab is active. On the right, the app's details are displayed: 'Display name' is 'Discover OneDrive Picker', 'Redirect URIs' is '1 web, 0 public client', and the 'Application (client) ID' is a long, obscured string of characters. A red box highlights the 'Application (client) ID' field.

Step 6: Set up API Integration in Claromentis



The screenshot shows the 'Edit Integration' page in Claromentis. The 'API Name*' field is set to 'onedrive_picker'. The 'API Description*' field is set to 'OneDrive Document Pi'. The 'API Help?' field is also set to 'OneDrive Document Pi'. In the 'Entries' section, there is a table with one row. The 'Entry Key' column contains 'client_id' and the 'Entry Value' column contains '6da8...08ff'. A blue 'Save Changes' button is at the bottom left.

- In Claromentis, navigate to **Admin > System > API keys**

- Click **Add New Integration**

Enter the below for each field:

API Name: `onedrive_picker`

API Description: `OneDrive Document Picker`

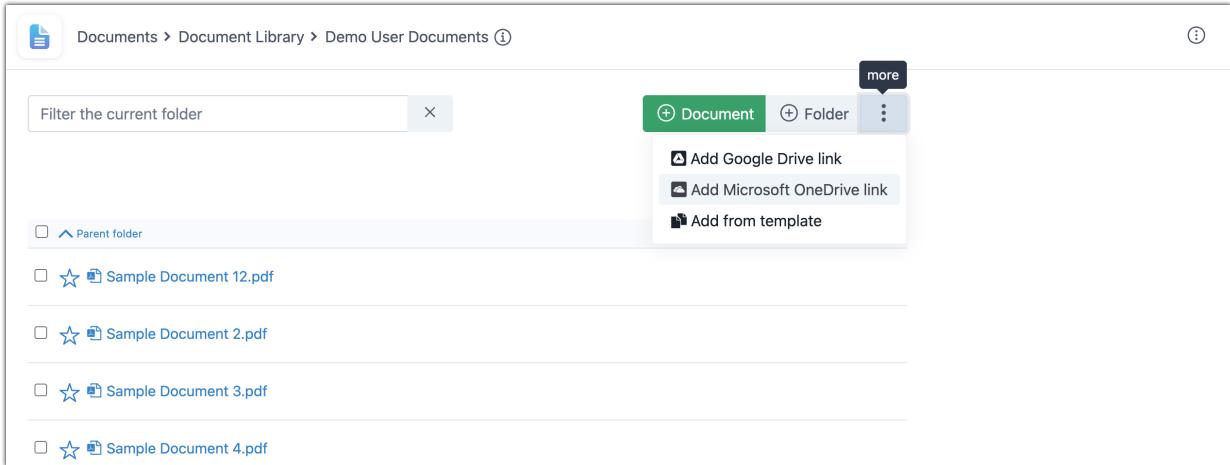
Entry Key: `client_id`

Entry Value: `{paste value of Application (client) ID here that you copied}`

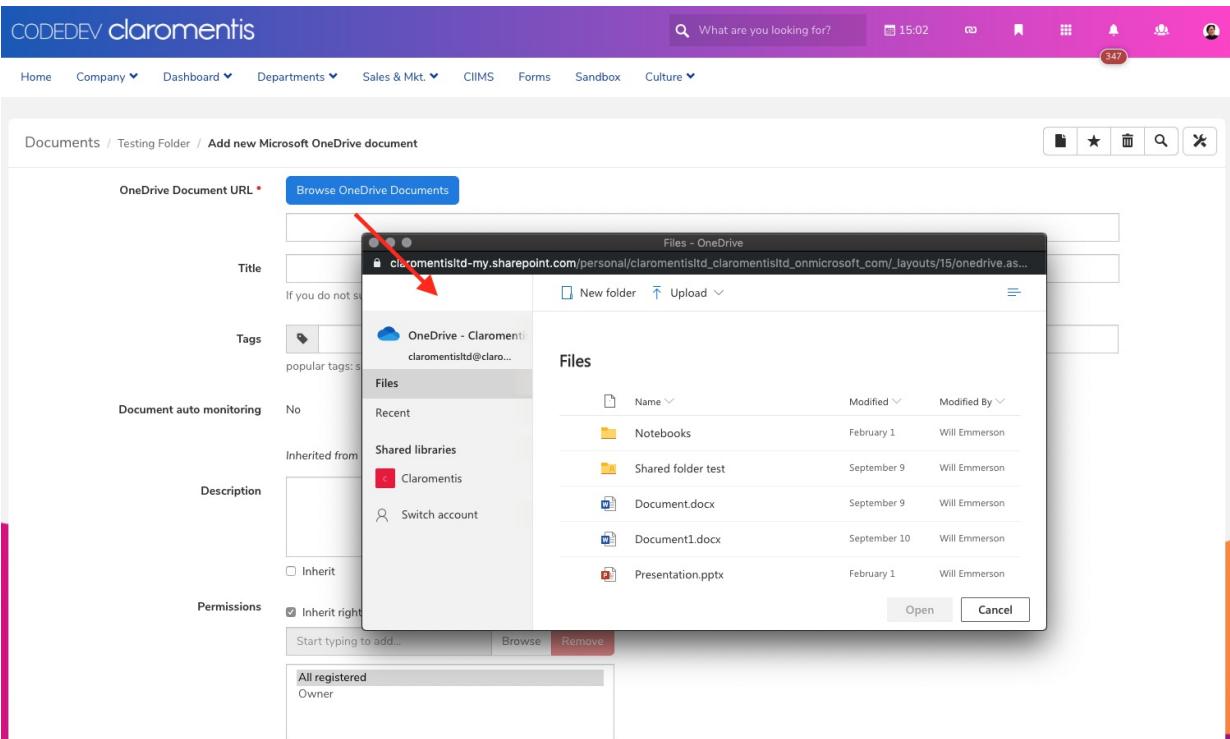
Step 7: Testing & Verification

Head to the front end of Documents (Applications > Documents)

Use the option under the 3 dot menu to add a OneDrive link:



On the next screen, click to 'Browse OneDrive Documents' and you will be prompted to authorise your access.



Once added, the link to the file will appear in your chosen Intranet folder location.

Document Preview

The majority of files from OneDrive can't be previewed directly in the Documents application; instead, a message will appear, and the user can click "View Documents" to access the document.

The screenshot shows a OneDrive document page for a file named 'Marketing strategy'. The top navigation bar includes 'Documents > Discussions > Marketing strategy'. The main content area displays the title 'Marketing strategy' with a star icon, a 'Full screen' button, and a 'View Document' button. A message states 'Internal preview for this document is not available. Document preview is not available for this file, please click the button below to view the document.' Below this is a 'Verify this document' button. The right sidebar contains tabs for 'Overview' (which is selected) and 'Comments 0'. Under 'Overview', it shows 'Last modified' (Claromentis Administrator on 13-09-2024 11:48), 'Owner' (Claromentis Administrator, Created on 13-09-2024 11:48), and 'Viewed by' (empty list).

The file types that OneDrive allows to be embedded and therefore will have a preview in the Intranet:

doc, docx	Microsoft Word Documents
xls, xlsx	Microsoft Excel File
odt, ods	Open Document Text File and Open Document Spreadsheet

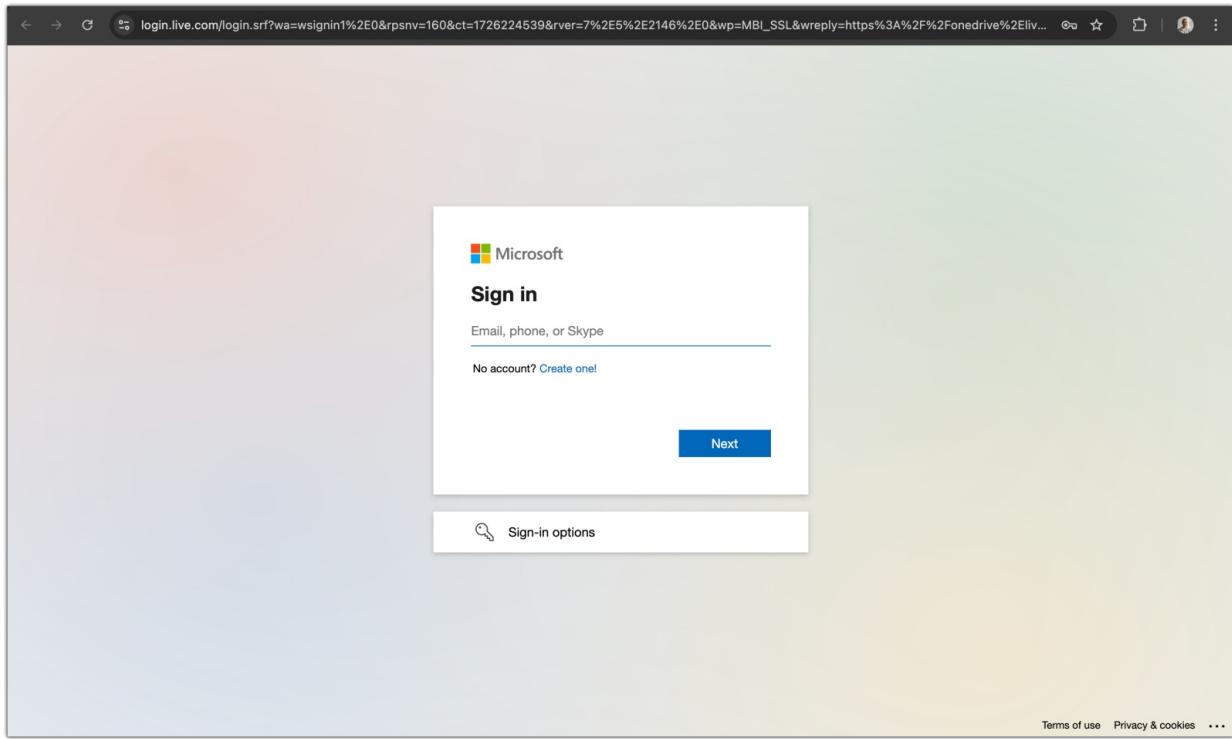
Unfortunately, OneDrive PDF files do not allow themselves to be embedded, so no Intranet preview can be created for these.

Whether a preview appears is not something that can currently be changed, as the document URL provided by OneDrive does not allow its content to be embedded and create the preview.

Consider [uploading files](#) into the Claromentis documents application to use its [preview](#) instead of linking to OneDrive if a preview for them is more critical than where they are stored.

Log in prompt

As the link is just that and not the actual file, users will be prompted to log into Microsoft when following a OneDrive link in the Intranet (by clicking the link). The permissions set in OneDrive will then allow or restrict the user from viewing/downloading the file once they log in.



Further information

- [Can't display SharePoint pages in iframe](#)
- [Cross-domain iframe requests are blocked in SharePoint Online](#)
- [Embedding Files from OneDrive online](#)

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Tags: [api](#), [api keys](#), [integration](#), [onedrive](#), [one drive](#), [one, drive](#)