



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)

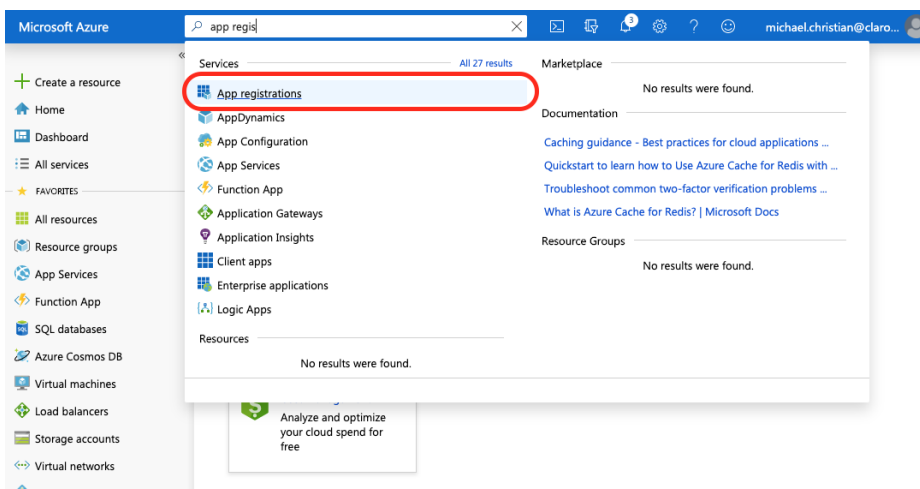
On Use Microsoft OneDrive links (`ERMS_CONFIG_ONEDRIVE_LINKS`)

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**:



Microsoft Azure

Search resources, services, and docs (G+)

Home > App registrations > Register an application

Register an application

⚠ This application will not be associated with any directory and will be subject to limitations. You should not create production apps outside of a directory.

*** Name**
The user-facing display name for this application (this can be changed later).

Supported account types
Who can use this application or access this API?
☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant)
☒ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
[Help me choose...](#)

Redirect URI (optional)
We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

By proceeding, you agree to the [Microsoft Platform Policies](#)

[Register](#)

- 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':

Home > App registrations > Discover OneDrive Picker

Discover OneDrive Picker

Search (Cmd+/)

Overview

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 - Troubleshooting
 - New support request

Display name
Discover OneDrive Picker

Redirect URIs
1 web, 0 public client

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

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

Call APIs

Documentation

- Microsoft identity platform
- Authentication scenarios
- Authentication libraries
- Code samples
- Microsoft Graph
- Glossary
- Help and Support

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

[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.

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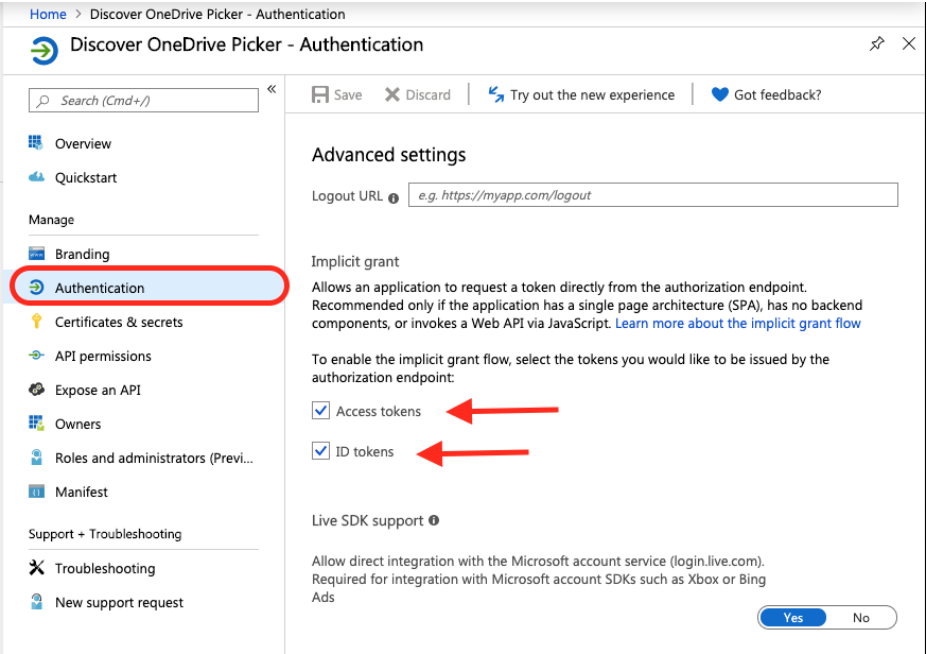
Add a permission

API / PERMISSIONS NAME	TYPE	DESCRIPTION	ADMIN CONSENT ...
<div> <div>▼</div> <div>Microsoft Graph (4)</div> </div>			
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:



Step 4: Branding (optional)

Home > Discover OneDrive Picker - Branding

Discover OneDrive Picker - Branding

Search (Cmd+/)

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Save Discard

Name Discover OneDrive Picker

Logo

Upload new logo "roundClogo.png"

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

Terms of Service URL e.g. https://myapp.com/termservice

Privacy Statement URL e.g. https://myapp.com/privacystatement

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)

Home > Discover OneDrive Picker

Discover OneDrive Picker

Search (Cmd+/)

Overview
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Delete

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

Display name Discover OneDrive Picker

Redirect URIs 1 web, 0 public client

Application (client) ID

Step 6: Set up API Integration in Claromentis

Edit Integration

API Name and Description are required. You will also need to add at least one entry. This page cannot validate the keys you enter so test your integration in the front-end to ensure that the keys you've entered are valid and working correctly.

API Name ? onedrive_picker

API Description ? OneDrive Document Pi

API Help ? OneDrive Document Pi

Entries

Entry Key	Entry Value	
client_id	6da8...08ff	

Save Changes

- 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`

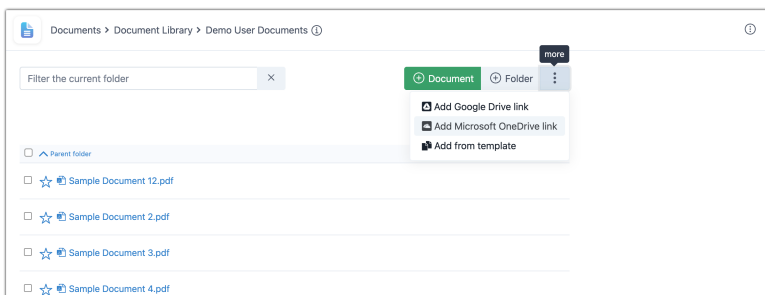
Entry Key: `client_id`

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

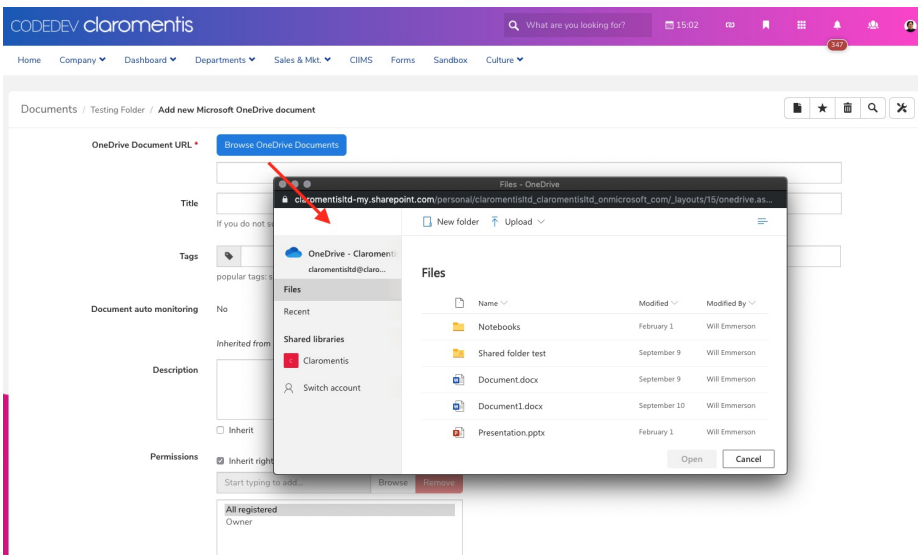
Step 7: Testing & Verification

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

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



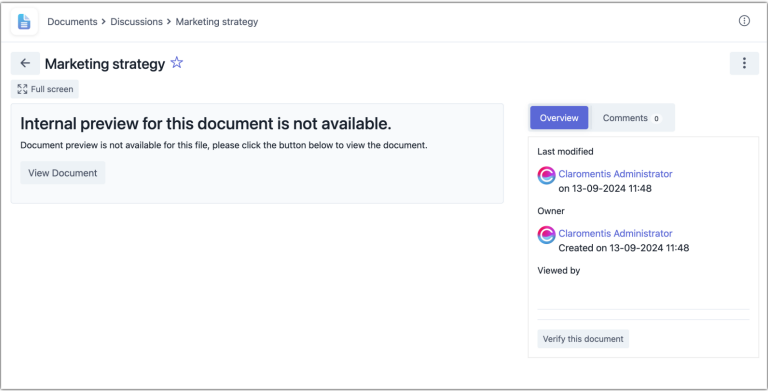
On the next screen, click to 'Browse OneDrive Documents' and you will be prompted to authorise your access.



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 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

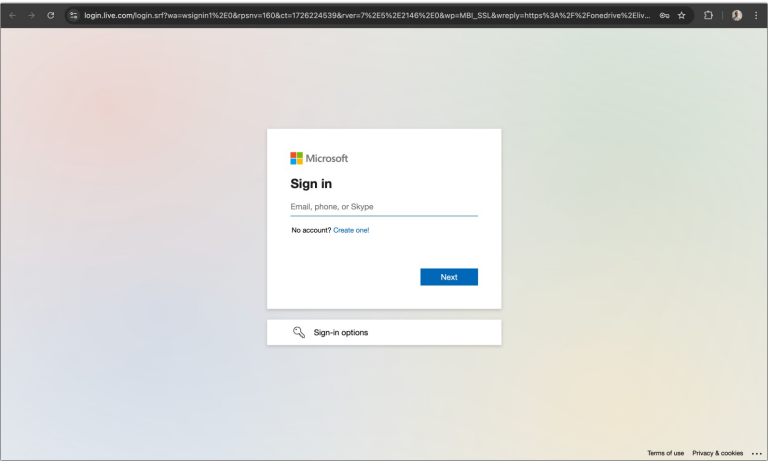
Unfortunately, OneDrive PDF files do not allow themselves to be embedded, so no Intranet preview can be created for these.

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 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](#)