

## Allowing Microsoft OneDrive Links in Documents

### Overview

This guide shows you step by step guide to set up a new integration project with Microsoft OneDrive allowing files stored in OneDrive to be linked to 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.

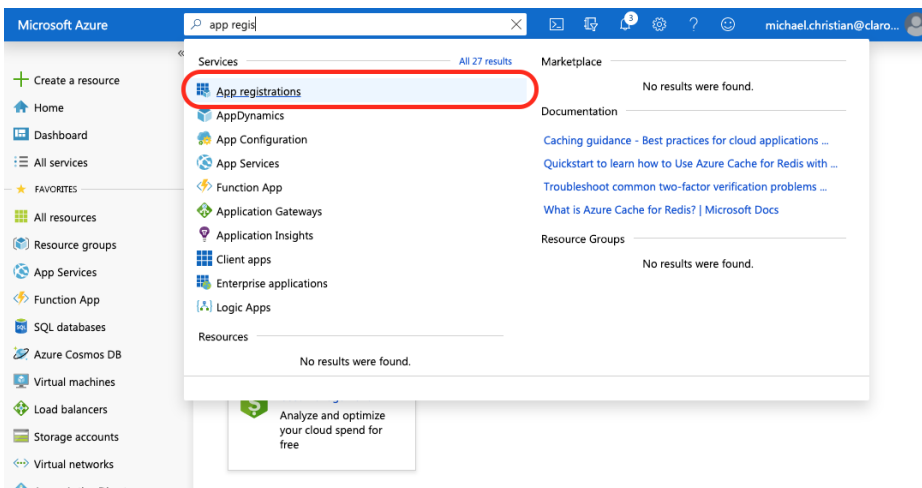
### How to

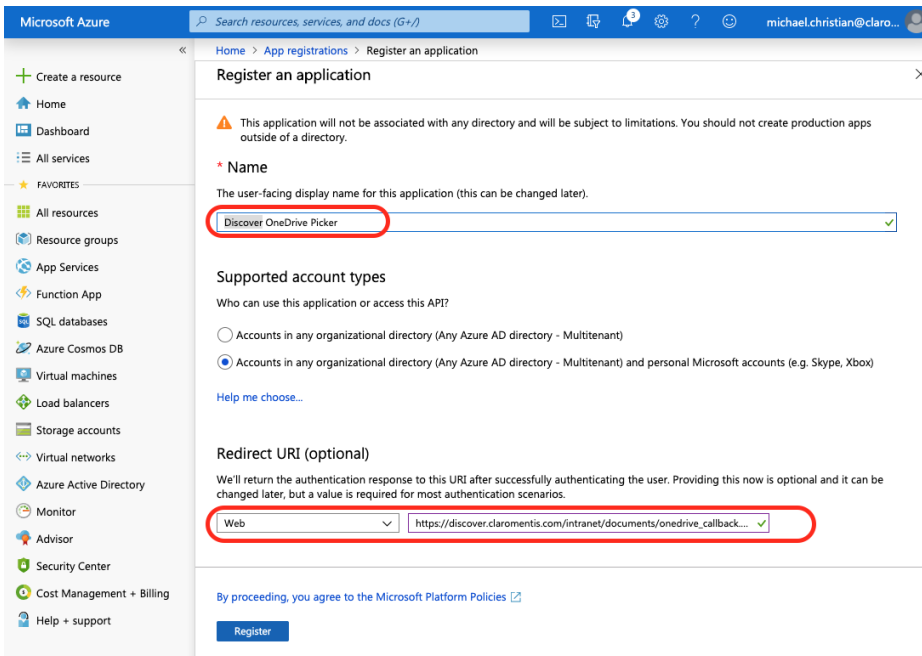
#### Step 1: Log in to Microsoft Azure Portal

<https://portal.azure.com>

Login to 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**

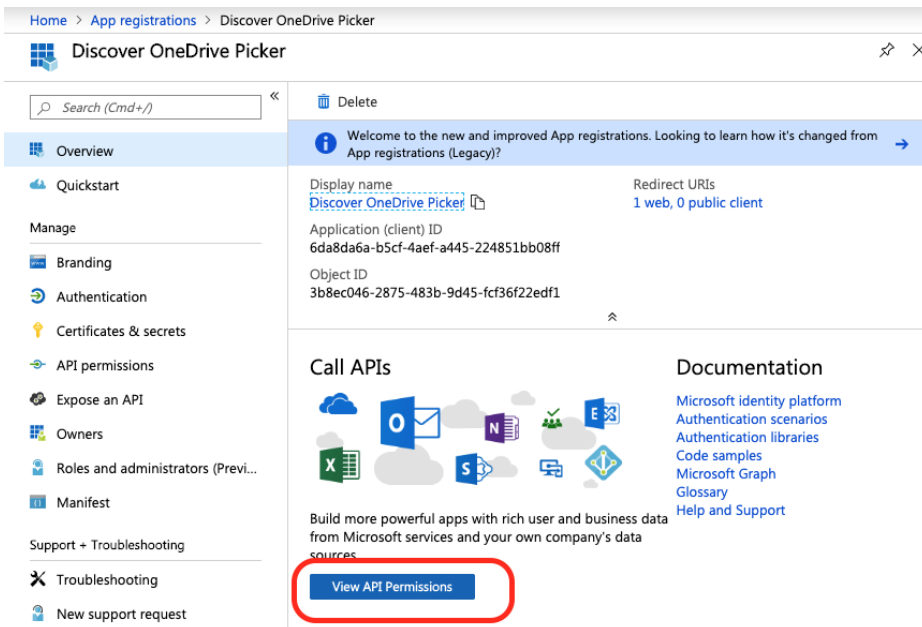




- Name your system name for example "My Intranet OneDrive Picker"
- Supported account types: Choose between Organisation only and or allowing a personal Microsoft account too
- Redirect URI: set to **Web** `https://{yourcompany.myintranet.com}/intranet/documents/onedrive_callback.php`
- Click: **Register**

## Step 2: Set up API permission

Click on 'View API permissions':



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)			
<a href="#">Files.Read</a>	Delegated	Read user files	-
<a href="#">Files.Read.All</a>	Delegated	Read all files that user can a...	-
<a href="#">Files.Read.Selected</a>	Delegated	Read files that the user sele...	-
<a href="#">User.Read</a>	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: Setup 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

Search (Cmd+/)

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

Search (Cmd+/)

Save Discard

Overview  
Quickstart  
Manage  
Branding  
Authentication  
Certificates & secrets  
API permissions  
Expose an API  
Owners  
Roles and administrators (Previ...  
Manifest  
Support + Troubleshooting  
Troubleshooting  
New support request

\* 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+/)

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

Object 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 client\_id Entry Value 6da8...08ff

Save Changes

- In Claromentis navigate to **Admin > System > API keys**
- Click **Add New Integration**

Enter the below for each field offered

API Name: `onedrive_picker`

API Description: `OneDrive Document Picker`

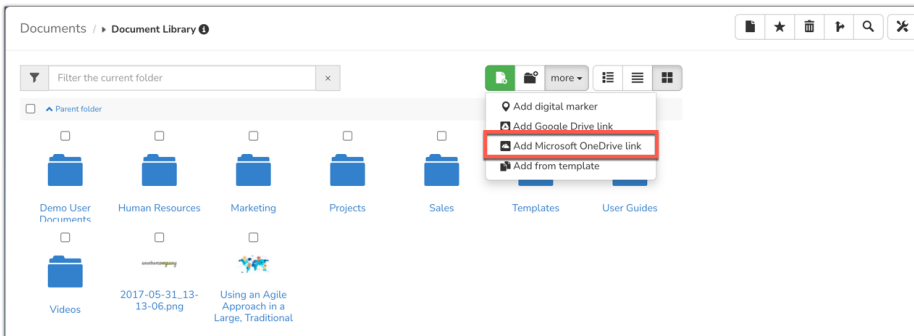
Entry Key: `client_id`

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

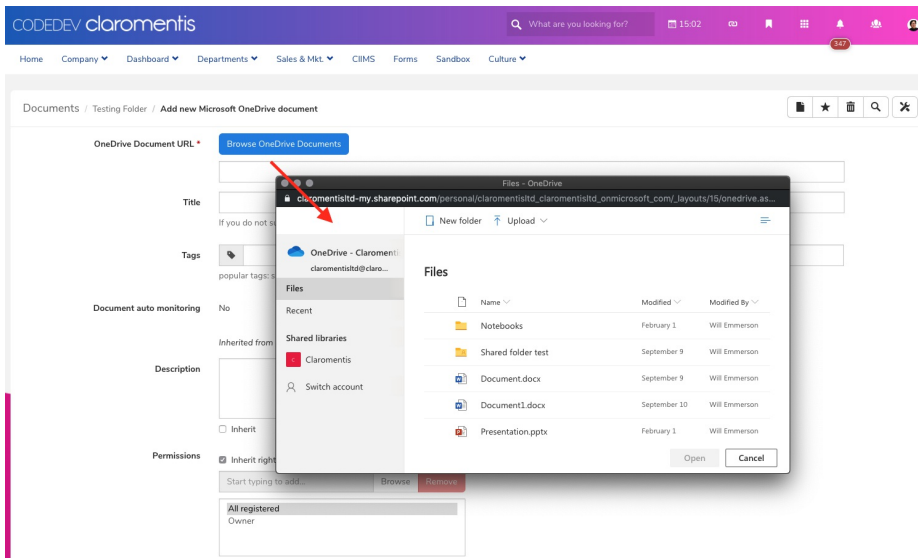
## Step 7: Testing & Verification

Head to Documents application

Click to add a document using the OneDrive option

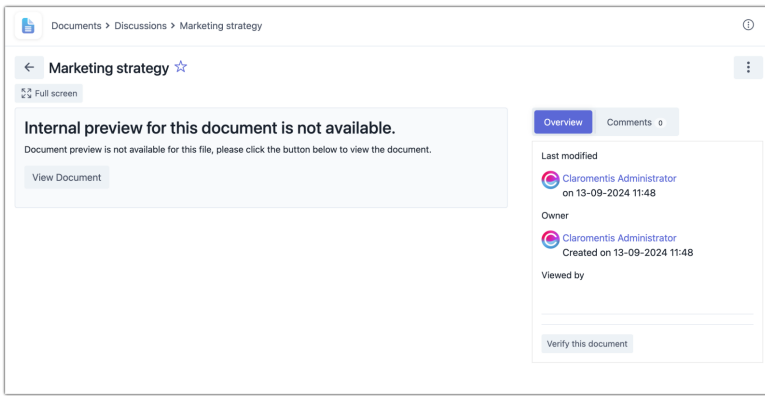


On the next screen click to 'Browse OneDrive Documents' and you will be prompted to authorise your access.

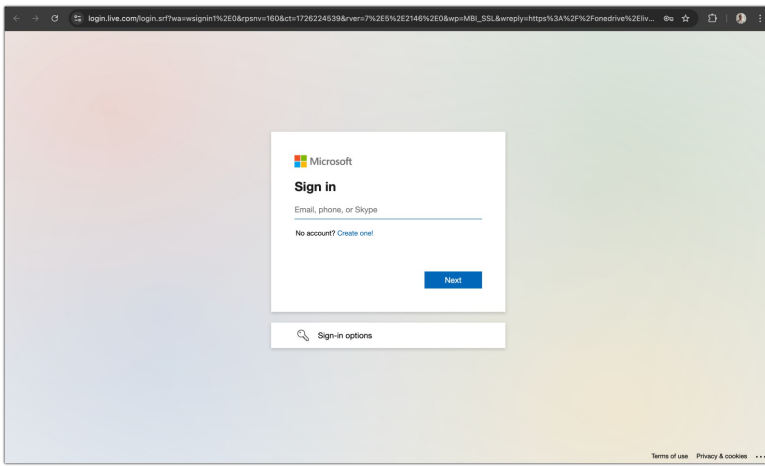


## Document Preview

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.



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 'view document' in the Intranet) The permissions set in OneDrive will then allow or restrict the user from viewing/downloading the file once they log in.



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.

The file types that OneDrive does allow to be embedded and therefore allow the preview to appear 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.

## Further info

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

## Troubleshooting:

If you can't see the option to add OneDrive, please check **Admin > Documents** and make sure `ERMS_CONFIG_ONEDRIVE_LINKS` is set to ON, Please contact our support team if you need further assistance.

Use Google drive links (`ERMS_CONFIG_GDOC_LINKS`)

Use Microsoft OneDrive links (`ERMS_CONFIG_ONEDRIVE_LINKS`)

To make these changes, navigate to **Admin > System > Configuration** and search for `cfg_docs_features`

---

---

Last modified on 25 September 2024 by [Hannah Door](#)

Created on 26 September 2019 by [Michael Christian](#)

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