

Setting up Microsoft OneDrive Integration 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 added to Documents.

⚠ 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.

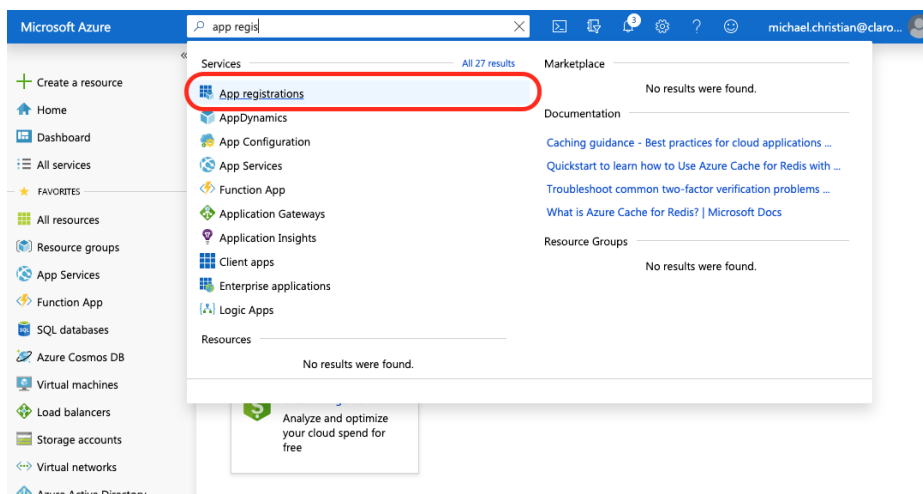
How to

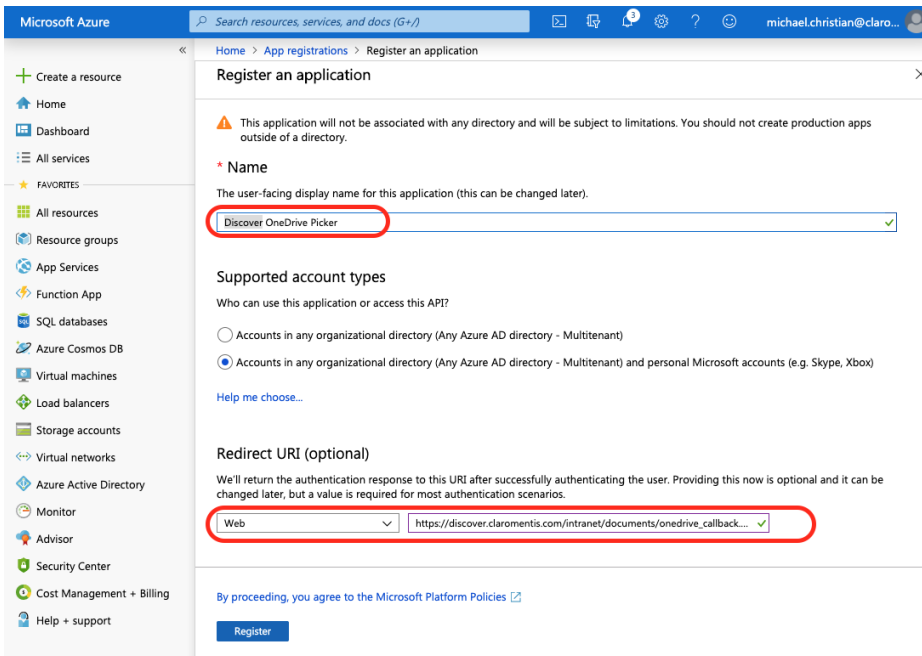
Step 1: Log in to Microsoft Azure Portal

<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**

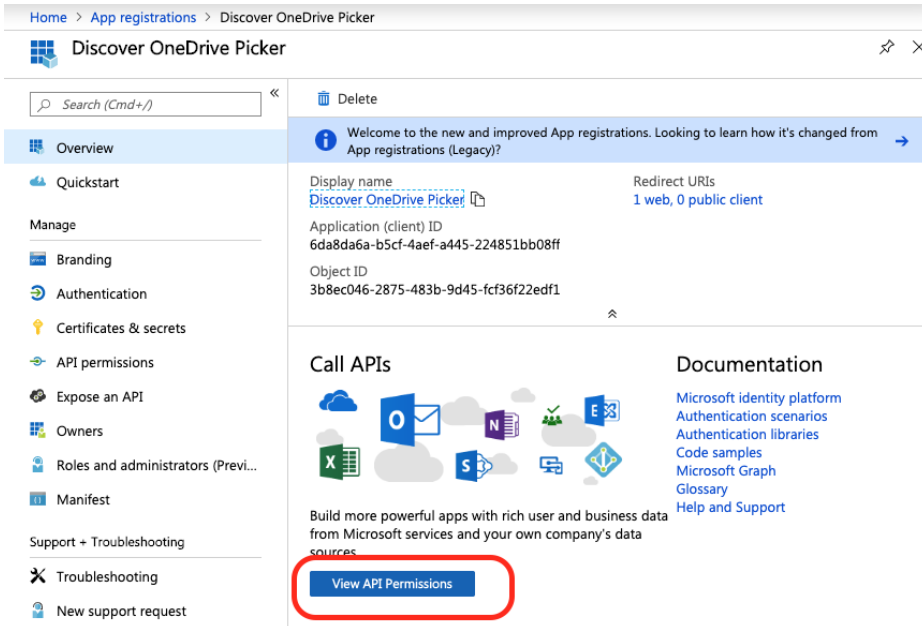




- Name your system name for example "My Intranet OneDrive Picker"
- Supported account types: Choose between Organisation only and or allowing a personal Microsoft account too
- Redirect URI: set to Web https://yourcompany.myintranet.com}/intranet/documents/onedrive_callback.php
- Click: Register

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) | | | |
| 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: 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

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

Logo

Upload new logo

Home page URL

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)

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

API Description

API Help

Entries

Entry Key Entry Value

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`

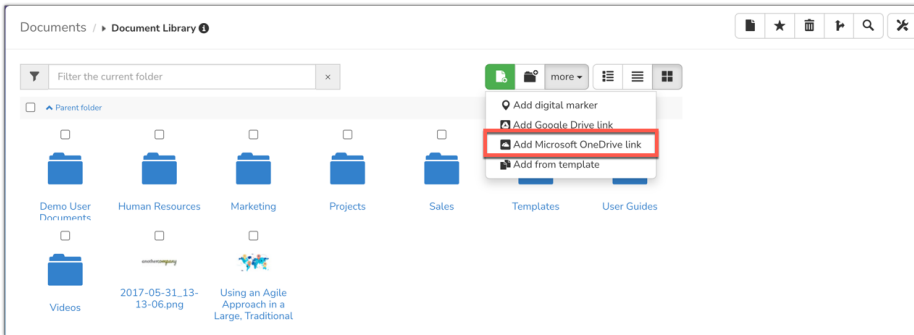
Entry Key: `client_id`

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

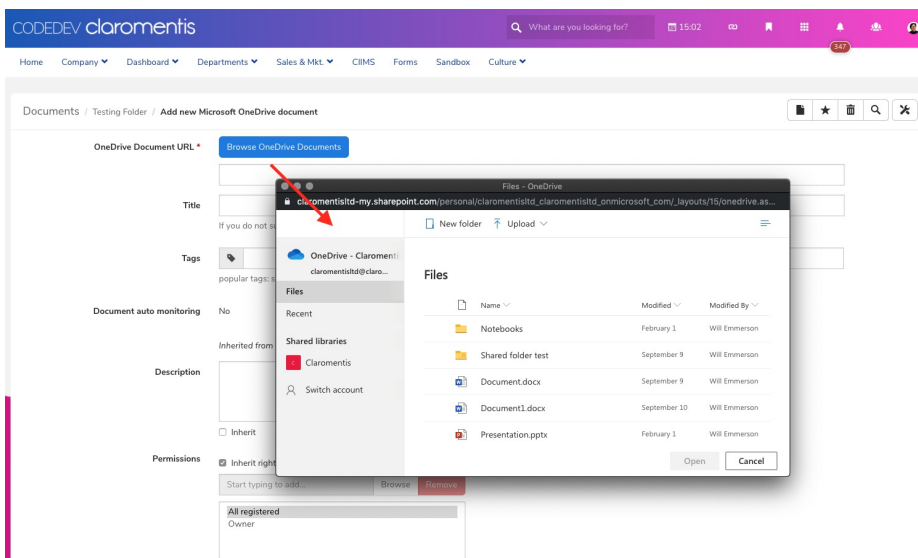
Step 7: Testing & Verification

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.



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`

