



User Manual for

Odoo OneDrive Integration – version 15.0



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1.0 Introduction

Our plugin, Odoo OneDrive Integration helps you to automatically store Odoo attachments in OneDrive. Additionally, you can also share your data that is saved in Odoo to anyone securely through OneDrive. Also, document updating, deletion and stop sharing facilities is possible with our plugin.

1.1 Features

The few of the features which are available in Odoo OneDrive Integration module are as below:

- Easy to install
- Flexible
- User-friendly and configurable as per user requirements
- Ability to choose model and mime types for document upload
- It offers you complete security along with accessibility
- Microsoft OneDrive offers a secure environment
- Share the large files without hassle
- Easily manage and share files in OneDrive
- Ability to stop the sharing feature
- Delete Action
- Update files

1.2 Odoo backend configuration



Microsoft Account / Testing Onedrive

Edit Create Action 1/1 < >

Name Testing Onedrive
Client ID 78fe43e8-da2f-4663-8e53-8c26ctf8cb1a
Secret Key nmm8Q~jCs-EfA.b.M.Q7HShE4LO2kkCFLeq2dyQ
Redirect URL https://odootest.dev.displayme.net/callback
Authority URL https://login.microsoftonline.com/consumers/
Base URL https://graph.microsoft.com/v1.0/

Select Models Select Mimetype

| Model | Model Description | Type | Transient Model | |
|---------------------|-----------------------|-------------|--------------------------|---|
| hr.employee | Employee | Base Object | <input type="checkbox"/> | ✘ |
| account.move | Journal Entry | Base Object | <input type="checkbox"/> | ✘ |
| sale.order | Sales Order | Base Object | <input type="checkbox"/> | ✘ |
| account.account.tag | Account Tag | Base Object | <input type="checkbox"/> | ✘ |
| ir.attachment | Attachment | Base Object | <input type="checkbox"/> | ✘ |
| hr.employee.base | Basic Employee | Base Object | <input type="checkbox"/> | ✘ |
| crm.activity.report | CRM Activity Analysis | Base Object | <input type="checkbox"/> | ✘ |
| Add a line | | | | |

OneDrive can be configured by using detailed information like:

- Client ID: Application client ID from Azure App
- Secret Key: Secret ID generated from the Azure App
- Redirect URL: Add the redirect URL same in the Azure App like BASE_URL/callback
- Model: Add models from which the attachment should be uploaded to OneDrive
- Mime type: Add the required mime type of files should be added to OneDrive

1.3 Attachment view in backend

Save Discard 4 / 47 < >

Name
icon.png

Type URL

Url

Mime Type image/png

Share Document

Update Document

Attached To

Resource Model

Resource Field

Resource ID 0

Resource Name

Is public document

History

Creation Mitchell Admin on 12/01/2022 14:02:09

Description

Indexed Content

image

1.4 Sharing document view

Save Discard 4 / 47 < >

Share Share by Mail Stop sharing

Name
icon.png

Type URL

Url

Mime Type image/png

Share Document

Sharing Uri

Upload

Attached To

Resource Model

Resource Field

Resource ID 0

Resource Name

Is public document

History

Creation Mitchell Admin on 12/01/2022 14:02:09

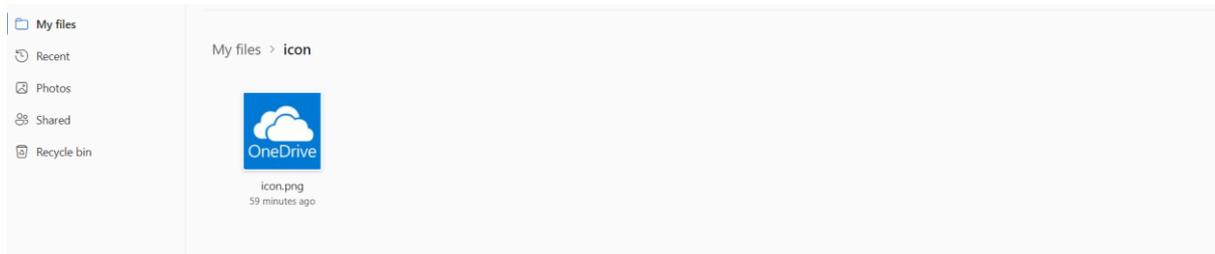
Description

Indexed Content

image

If you need to share the same document with someone, then check on share document Boolean and click on the share button, it will generate a sharing url which can be used for sharing purpose. Also use the stop sharing button to deactivate the sharing features.

1.5 Document in OneDrive



- A folder is created in OneDrive with the corresponding record name and a document is stored in it. Updates made to the same document from the backend will affect the same document.
- Finally, if the user removes the attachment from Odoo, it will automatically delete the same attachment from OneDrive also.

1.6 Register an application in Microsoft Azure

Registering your application establishes a trust relationship between your app and the Microsoft identity platform.

Follow these steps to create an application in Microsoft Azure:

1. Login to Microsoft account on <https://apps.dev.microsoft.com>
2. Under **Manage**, select **App registrations > New registration**.
3. Need to add a name and select platforms as WEB, and enter Redirect URIs: `BASE_URL/callback`



[Home](#) > [App registrations](#) >

Register an application

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

odoo ✓

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (PITSOLUTIONS only - Single tenant)
- 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)
- Personal Microsoft accounts only

[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.

Web ✓ ✓

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

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

[Register](#)

4. When registration finishes, the Azure portal displays the app registration's Overview pane. It will generate the client id and the secret key, this value uniquely identifies your application in the Microsoft identity platform.



All services > App registrations >

Odoo

Search

Delete Endpoints Preview features

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 - Troubleshooting
 - New support request

Essentials

Display name : [Odoo](#) Client credentials : [Add a certificate or secret](#)
Application (client) ID : 78fe43e8-da2f-4663-8e53-8c26c1f8cb1a Redirect URIs : [1 web, 0 spa, 0 public client](#)
Object ID : 6b7dd14c-8a50-4d3f-a2b9-679edab9b088 Application ID URI : [Add an Application ID URI](#)
Directory (tenant) ID : 192a4d7a-44fa-49f4-b052-b8e88940ae49 Managed application in L... : [Odoo](#)
Supported account types : [All Microsoft account users](#)

- Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)
- Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure AD Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)
- Starting November 9th, 2020 end users will no longer be able to grant consent to newly registered multitenant apps without verified publishers. [Add MPN ID to verify publisher](#)

[Get Started](#) [Documentation](#)

Build your application with the Microsoft identity platform

The Microsoft identity platform is an authentication service, open-source libraries, and application management tools. You can create modern, standards-based authentication solutions, access and protect APIs, and add sign-in for your users and customers. [Learn more](#)

5. Under Certificate and Secret section create secret key copy the value field data and save it.

All services > App registrations > Odoo

Odoo | Certificates & secrets

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Got feedback?

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- Got a second to give us some feedback? →
- Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.
- Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) **Client secrets (1)** Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

| Description | Expires | Value | Secret ID |
|-------------|-----------|-------------------------------------|--------------------------------------|
| secret | 4/17/2023 | no-8Q-CFBMjpb2LHRqWkQDZs_KUyoJpg... | 48f103de-52c5-4093-85fd-a66a9cd89cb4 |

6. Configure delegated permission to Microsoft Graph to enable your client application to perform operations.

1. Select **API permissions > Add a permission > Microsoft Graph**
2. Select **Delegated permissions**. Microsoft Graph exposes many permissions.
3. Under **Select permissions**, select the following permissions:



Search << Refresh | Got feedback?

Overview
Quickstart
Integration assistant

Manage

- Branding & properties
- Authentication
- Certificates & secrets
- Token configuration
- API permissions**
- Expose an API
- Owners
- Manifest

Support + Troubleshooting

- Troubleshooting
- New support request

Configured 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. [Learn more about permissions and consent](#)

+ Add a permission

| API / Permissions name | Type | Description | Admin consent required |
|-------------------------------------|-----------|---|------------------------|
| Microsoft Graph (7) | | | |
| Files.Read | Delegated | Read user files | No |
| Files.Read.All | Delegated | Read all files that user can access | No |
| Files.ReadWrite | Delegated | Have full access to user files | No |
| Files.ReadWrite.All | Delegated | Have full access to all files user can access | No |
| Sites.Read.All | Delegated | Read items in all site collections | No |
| Sites.ReadWrite.All | Delegated | Edit or delete items in all site collections | No |
| User.Read | Delegated | Sign in and read user profile | No |

4. Select **Add permissions** to complete the process.

1.7 Technical Requirements / Compatible With:

Technical Requirements: external library- msal

Compatible with ODOO version 15