



User Manual for
Odoo OneDrive Integration



Table of Contents

1.0 Introduction	3
1.1 Features	3
1.2 Odoo backend configuration	4
1.3 Attachment view in the backend	5
1.4 Sharing document view	5
1.5 Document view in OneDrive	6
1.6 Register an application in Microsoft Azure	6
1.7 Technical Requirements/Compatible with	9



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 Odoon backend configuration

Microsoft Account / Testing Onedrive

1 / 1 < >

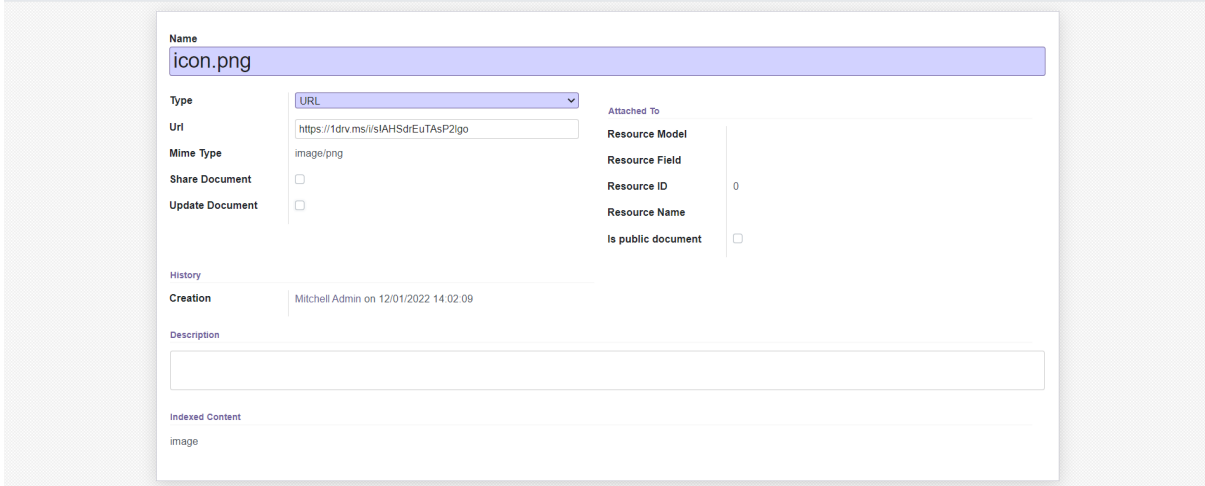
Name	Testing Onedrive
Client ID	78fe43e8-da2f-4663-8e53-8c26c1f8cb1a
Secret Key	nnm8Q~JCs-EIA.b.M.Q7HSHE4LO2kkCFLeq2dyQ
Redirect URL	https://odootest.dev.displayme.net/callback
Authority URL	https://login.microsoftonline.com/consumers/
Base URL	https://graph.microsoft.com/v1.0/

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

OneDrive can be configured by using detailed information like:

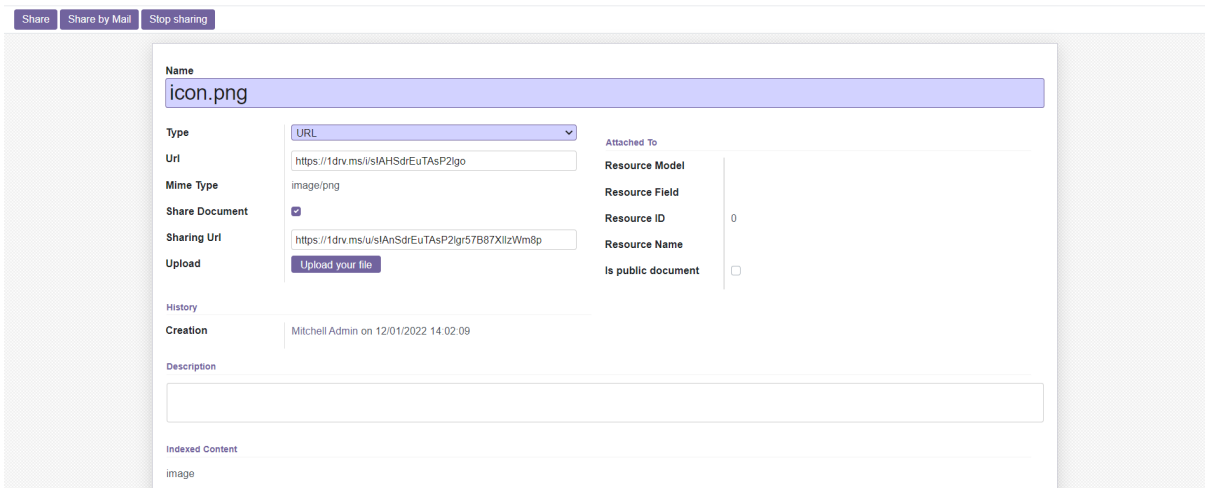
- Client ID: Application client ID from Azure App
- Secret Key: Secret ID generated from the Azure App
- Redirect URL: Add the redirect URL same in the Azure App like BASE_URL/callback
- Model: Add models from which the attachment should be uploaded to OneDrive
- Mime type: Add the required mime type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

1.3 Attachment view in backend



The screenshot shows a document view for 'icon.png'. The 'Name' field contains 'icon.png'. The 'Type' is set to 'URL'. The 'Url' field contains 'https://1drv.ms/i/s!AHSDrEuTAsP2lgo'. The 'Mime Type' is 'image/png'. The 'Share Document' checkbox is unchecked. The 'Update Document' checkbox is unchecked. The 'Attached To' field is empty. The 'Resource Model' is empty. The 'Resource Field' is empty. The 'Resource ID' is '0'. The 'Resource Name' is empty. The 'Is public document' checkbox is unchecked. The 'History' section shows 'Creation' by 'Mitchell Admin' on '12/01/2022 14:02:09'. The 'Description' field is empty. The 'Indexed Content' is 'image'.

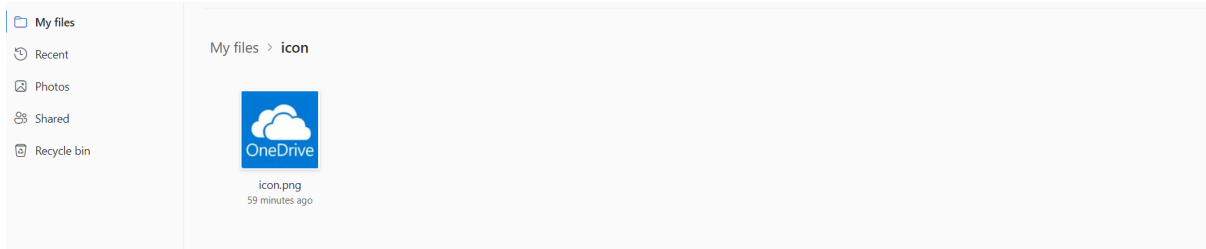
1.4 Sharing document view



The screenshot shows the document view for 'icon.png' with sharing options. The 'Name' field contains 'icon.png'. The 'Type' is 'URL'. The 'Url' is 'https://1drv.ms/i/s!AHSDrEuTAsP2lgo'. The 'Mime Type' is 'image/png'. The 'Share Document' checkbox is checked. The 'Sharing Url' field contains 'https://1drv.ms/u/s!AnSdrEuTAsP2lgr57B87XilzWm8p'. The 'Upload' button is labeled 'Upload your file'. The 'Attached To' field is empty. The 'Resource Model' is empty. The 'Resource Field' is empty. The 'Resource ID' is '0'. The 'Resource Name' is empty. The 'Is public document' checkbox is unchecked. The 'History' section shows 'Creation' by 'Mitchell Admin' on '12/01/2022 14:02:09'. The 'Description' field is empty. The 'Indexed Content' is 'image'. The top navigation bar includes 'Share', 'Share by Mail', and 'Stop sharing' buttons.

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 http://localhost:8069/callback ✓

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

Overview

Quickstart
Integration assistant

Manage

Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest

Support + Troubleshooting

Troubleshooting
New support request

Essentials

Display name : Odoo
Application (client) ID : 78fe43e8-da2f-4663-9e53-8c26c1f8cb1a
Object ID : 6b7dd14c-8a50-4d3f-a2b9-679edab9b088
Directory (tenant) ID : 192a4d7a-44fa-49f4-b052-b8e88940ae49
Client credentials : [Add a certificate or secret](#)
Redirect URIs : [1 web, 0 spa, 0 public client](#)
Application ID URI : [Add an Application ID URI](#)
Managed application in I... : [Odoo](#)

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

Search

Got feedback?

Overview

Quickstart
Integration assistant

Manage

Branding & properties
Authentication
Certificates & secrets
Token configuration
API permissions
Expose an API
App roles
Owners
Roles and administrators
Manifest

Support + Troubleshooting

Troubleshooting
New support request

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-BQ~CFBMjp2LHRqWkQDZs_KUyolpg...	48f103de-52c5-4093-85fd-a66a9cd89c-b4

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:

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 13 - 16