

User Manual

Odoo – OneDrive Integration Plugin v17.0



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1. Introduction

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Odoo OneDrive Integration provides a seamless solution for automatically storing Odoo attachments directly in OneDrive, ensuring easy access and enhanced data management. With this integration, you can securely share your Odoo-stored data with external parties via OneDrive, offering full control over document updates, deletions, and the ability to stop sharing at any time. This plugin simplifies document handling and improves collaboration while maintaining the security and integrity of your data.

2. Features

The Odoo OneDrive Integration module offers a wide range of features designed to enhance your document management experience. Key features include:

- Easy Installation: Simple and quick to set up within your Odoo environment.
- Flexibility: Adaptable to various business needs with configurable options.
- User-Friendly Interface: Intuitive and customizable to meet individual user requirements.
- Model and MIME Type Selection: Choose specific models and file types for document uploads.
- Enhanced Security: Ensures complete data security while maintaining accessibility.
- Secure OneDrive Environment: Microsoft OneDrive provides a highly secure space for storing and managing files.
- Effortless File Sharing: Share large files easily and securely without complications.
- Efficient File Management: Seamlessly manage, share, and organize files in OneDrive.
- Stop Sharing Functionality: Ability to stop sharing files at any point to maintain control over access.



- File Deletion: Easily delete files directly from OneDrive.
- Update Files: Make changes and update files while keeping them in sync with your OneDrive storage.

3. Configurations

Install the Odoo – OneDrive Integration module:

- Go to *Apps* -> Search for OneDrive
- Click Activate.

Apps Apps Update Ap	ps List Apply Scheduled Upgrades	Import Module
Apps		Q Module onedrive × Search
APPS All Official Apps Industries	Odoo OneDrive Integr pits_odoo_onedrive_int Activate	

Figure 1: Plugin Installation

3.1 App Registration in Microsoft Azure

- Navigate to <u>https://entra.microsoft.com/</u>
- Login with your Microsoft credentials
- Choose Applications > App Register from the Sidebar.
- Click on New Registration as shown in Figure 2.



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X Diagnose & solve problems	*	Home >			
★ Favorites	~	App registrations 🖈 🐇			×
Identity	^	+ New registration 🕀 Endpoints 🗙 Troubleshoot 🖒 Refresh 🛓 Dow	wnload 🐱 Preview features 🛛 🖗 Got feedback?		
Overview		Starting June 30th, 2020 we will no longer add any new features to Azure Active Di	rectory Authentication Library (ADAL) and Azure Active Directory	Graph. We will continue to pro	vide technical support and \times
A Users	\sim	security updates but we will no longer provide feature updates. Applications will ne	ed to be upgraded to Microsoft Authentication Library (MSAL) ar	id Microsoft Graph. Learn more	:
^A X ^A Groups	\sim	All applications Owned applications Deleted applications			
Devices	\sim	Start typing a display name or application (client) ID to filter these r	+ Add filters		
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App registrations					
A Protection	~				
Identity Governance	\sim				
December 2015 External Identities	\sim				

Figure 2: App Registration in Microsoft

• Configure your application as per your requirement. Refer Figure 3 for further details.

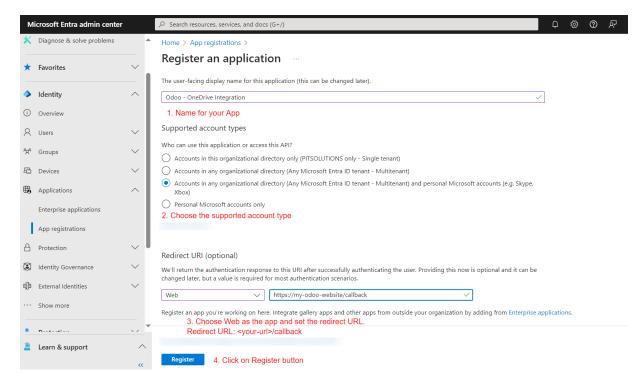


Figure 3: Application registration



• Once the App has been registered in the Microsoft account, an Application ID/Client ID will be generated for the same. Refer Figure 4 for more details.

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	Identity			📋 Delete 🜐 Endpoints 💀 Preview features	
()			Overview	f) Got a second? We would love your feedback on Microsoft identity platfo	orm (previously Azure AD for developer). $ ightarrow$
8	Users	\checkmark	Quickstart		
			🚀 Integration assistant	∧ Essentials	2. Generate Client Secret
22	Groups	\sim	🗙 Diagnose and solve problems	Display name Odoo-One Drive Integration v17	Client credentials <u>0 certificate</u> , <u>0 secret</u>
Ð	Devices	\sim	Manage	Application (client) ID	Redirect URIs
œ,	Applications	~	📕 Branding & properties	605b5d49-084 1. Application ID/Client ID	<u>1 web, 0 spa, 0 public client</u>
~0			Authentication	Object ID	Application ID URI Add an Application ID URI
	Enterprise applications	- 1	📍 Certificates & secrets	Directory (tenant) ID	Managed application in local directory
	App registrations		Token configuration	Supported account types	Odoo-One Drive Integration v17

Figure 4: Application Details

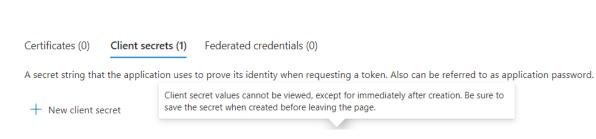
• Click on Client Credentials and follow the steps for generating a Client Secret for this application. Refer Figure 4 for reference.

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(i)	Overview		 Overview Quickstart 		Credentials enable confidential application: an HTTPS scheme). For a higher level of ass				
8	Users	\sim	🚀 Integration assistant		an entres scheme), rot a nigher level of ass	urance, we recomm	end using a certificate (instead o	r a client secret) as a crede	intel.
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₿,	Applications	^	 Branding & properties Authentication 		Certificates (0) Client secrets (1)	Federated credent	tials (0)		
	Enterprise applications		Certificates & secrets		A secret string that the application uses to	prove its identity w	hen requesting a token. Also car	n be referred to as applicat	ion password.
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A	Protection	\sim	API permissions		Description	Expires	Value ①	Secret ID	
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ศต	External Identities	\sim	App roles						

Figure 5: Generating a Client Secret

Note: Client secret values cannot be viewed, except for immediately after creation. Be sure to save the secret when created before leaving the page.







3.2 Odoo Backend Configuration

Dits

- Once the Client Secret has been generated, go to Odoo Application and navigate to OneDrive menu and click on Configuration.
- Once the Client Secret has been generated, go to Odoo Application and navigate to OneDrive menu and click on Configuration.
- Provide Client ID (Application ID), Client Secret and Redirect URL and click on Save button.
- Redirect URL should be same as that of configured in the Application.
- Once these details are filled, Click on Authorize and Get Token button.
- This will redirect to Microsoft Login page for authentication.
- Once the authentication is successfully completed, the system will redirect to Odoo application.



OneDrive Attachments Co	onfiguration			📌 0
oo - One Drive Integration				1/1 <
uthorize & Get Token				
Name Odoo - One Drive Ir	itegration			
Client ID 605b5d49-08				
Secret Key 4Q28Q~A~XFV				
Redirect URL	'callback			
Authority URL https://login.micr	osoftonline.com/consumers/			
Base URL https://graph.mic	rosoft.com/v1.0/			
Select Models Select Mime	etype			
Select Models Select Mime	Nodel Description	Туре	Transient Model	
Model		Type Base Object	Transient Model	
	Model Description			
Model res.partner	Model Description Contact	Base Object		
Model res.partner account.move	Model Description Contact	Base Object		
Model res.partner account.move	Model Description Contact	Base Object		

Figure 7: OneDrive configuration in Back End

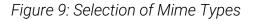
- User can select the models from the list of models for which the attachments have to be uploaded and shared to OneDrive.
- User can also select the File Types (Mime Types) that must be shared.
- Only the attachments satisfying the model and file type in the configuration will be shared in the OneDrive.

OneDrive Attachments Co	infiguration			<² Ø 🛛
oo - One Drive Integration	6 D			1/1 <
thorize & Get Token				
Name Odoo - One Drive In	ntegration			
Client ID				
Secret Key				
Redirect URL				
Authority URL https://login.micro	rosoftonline.com/consumers/			
Base URL https://graph.mice	rosoft.com/v1.0/			
Select Models Select Mime	etype			
Model	Model Description	Туре	Transient Model	
	Contact	Base Object		
res.partner				





III OneDrive Attachments Configuration	🔍 🖉 🖉
Odoo - One Drive Integration 🍙 😏	1/1 < >
Client ID	
Secret Key	
Redirect URL	
Authority URL https://login.microsoftonline.com/consumers/	
Base URL https://graph.microsoft.com/v1.0/	
Select Models Select Mimetype	
Name	
application/pdf	×
image/png	×
text/plain	×
text/html	×
application/pdf	×
image/png	×
image/jpeg	×
video/mp4	×



• To obtain the URL for an attached file, navigate to **OneDrive** > **Attachments** and open the desired attachment. Please note that OneDrive will only be accessible if the file has been successfully uploaded.

OneDrive Att	achments Configuration
Attachments PDF File 1.pdf 🔅	
Name	
PDF File	1.pdf
Type [?]	URL
Url	https://onedrive.live.com?cid=BC
Mime Type	application/xml
Share Document	
Update Document	

Figure 10: OneDrive URL from attachment



- If the uploaded file needs to be shared, the user can designate the attachment as a shared document by following these steps:
 - Enable the **"Share Document"** option by checking the corresponding checkbox.
 - Click the "Share" button to generate a unique sharing URL.
 - Use the generated URL to securely share the document with others.
 - To revoke access, click the **"Stop Sharing"** button to deactivate the sharing link and prevent further access.

OneDrive Att	achments Configuration
Attachments PDF File 1.pdf 🌞 🦨	C .
Share	
_{Name} PDF File	1.pdf
Type ?	URL
Url	https://onedrive.live.com?cid=BC8
Mime Type	application/xml
Share Document	

Figure 11: Generate sharing URL

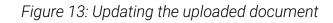


OneDrive	Attachments	Configuration
Attachments PDF File 1.pdf 🐇	>	
Share by Mail	Stop sharing	
_{Name} PDF Fi	ile 1.pdf	-
Type ?	URL	
Url	https://onedrive	e.live.com?cid=BC8
Mime Type	application/xml	
Sharing Url	https://1drv.ms/	/u/c/bc83f9c

Figure 12: Sharing the generated URL

- If the uploaded file needs to be updated, the user can upload the latest file by following these steps:
 - Enable the **"Update Document"** option by checking the corresponding checkbox.
 - Click on **"Update"** button.
 - This will upload the latest file by deleting the existing file.

OneDrive Atta	chments Configuration
Attachments PDF File 1.pdf 🏟 💧	c
Update	
_{Name} PDF File 1	.pdf
Type ?	URL
Url	https://onedrive.live.com?cid=BC8
Mime Type	application/xml
Share Document	
Update Document	
Upload	Upload your file





4. Brief Description

The Odoo OneDrive Integration plugin is a powerful tool designed to streamline attachment management within Odoo by automatically uploading selected files to Microsoft OneDrive. This integration features a flexible configuration system that allows users to customize which attachments are synced, providing precise control over what is stored in OneDrive.

Configuration Options:

- Model Selection: Users can select specific Odoo models for uploading attachments to OneDrive. This ensures that only relevant documents, such as invoices, reports, or specific records, are transferred, minimizing unnecessary storage usage.
- MIME Type Selection: In addition to model selection, the plugin allows filtering of file uploads by MIME type. This feature ensures that only specific file formats (e.g., PDFs, images, or text documents) are uploaded, offering further control over the types of files stored in OneDrive.
- Secure Authentication: To establish a secure connection between Odoo and OneDrive, the plugin requires users to input their Client ID (Application ID) and Client Secret, generated during the Microsoft App registration process. These credentials facilitate seamless and secure communication between Odoo and OneDrive, ensuring that data transfers are protected and compliant with Microsoft's authentication standards.

Benefits:

By utilizing this plugin, users can automate the storage of critical attachments in a secure cloud environment, significantly enhancing document accessibility and management. With the ability to selectively choose models and file types, the plugin provides a customizable solution tailored to specific business needs, ensuring efficient use of OneDrive storage while maintaining strict control over file uploads.



5. Technical Requirements / Compatible With:

- Compatible with Odoo community version 17.0
- External Library Microsoft Authentication Libraries (MSAL)

6. Changes Log / Release Notes

Version 1.0.0: October 2024

• Initial release.

7. Support

If you have questions, use our contact form at <u>webshopextension.com</u> or email at <u>support@webshopextension.com</u>.