Cloud Storage Sync — Drive / OneDrive / S3

User Guide

Odoo 18 / 19 · Community Edition

Integrations / BYOK Connectors

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1. Overview

Cloud Storage Sync mirrors Odoo attachments to your own cloud bucket — Amazon S3, Google Drive or OneDrive — using your own credentials (BYOK). Large or rarely-used attachments can be offloaded so the Odoo database and filestore stay lean.

You define sync targets and rules describing which attachments to mirror, test the connection, then run the sync manually or on a schedule. Every transfer is logged and a savings analysis shows how much storage you have reclaimed.

Who is it for?

Administrators of attachment-heavy databases who want to control storage cost by mirroring or offloading files to their own cloud account.

Technical name	gb_cloud_storage_sync_drive_onedrive_s3
Category	Integrations / BYOK Connectors
Depends on	base, mail
Edition	Odoo 18 / 19 Community (no Enterprise required)
Licence	LGPL-3

2. Installation

The module installs like any standard Odoo application. You need a user with the Administration / Settings access right to add an app.

- Activate Developer Mode (Settings ▸ General Settings ▸ Developer Tools) if the Apps menu is hidden.
- Open Apps and click Update Apps List so Odoo re-scans the add-ons path.
- Search for “Cloud Storage Sync — Drive / OneDrive / S3” (technical name **gb_cloud_storage_sync_drive_onedrive_s3**).
- Click Install. Odoo loads the models, security groups, menus and any scheduled actions.
- Refresh the browser; the new top-level menu Cloud Sync appears.

Dependencies

This app depends on base, mail. Odoo installs any missing dependency automatically.

3. Configuration

Set up a target (your bucket / drive) and one or more rules; then test and run.

Targets — Cloud Sync ▸ Targets

Create a storage target (cloud.storage.target) for S3, Google Drive or OneDrive with your own credentials. Use Test so the target reaches the tested state before it is used by the scheduler.

Sync Rules — Cloud Sync ▸ Sync Rules

Rules (cloud.sync.rule) decide which attachments are mirrored — by model, size or age — and whether the original is offloaded after upload.

Scheduler

A scheduled action runs the sync across all active, tested targets; action_run_sync runs it on demand.

4. Step-by-step Usage Walkthrough

After configuration, syncing is one click or fully automatic.

Step	What you do
1. Add target	In Cloud Sync ▸ Targets create your bucket/drive and enter your own credentials.
2. Test	Press Test; a working target becomes Tested and is eligible for syncing.
3. Add rules	In Sync Rules define which attachments to mirror and whether to offload the originals.
4. Run Sync	Use Run Sync (action_run_sync) to mirror matching attachments now, or let the scheduled action do it.
5. Offload	For an individual object you can Force Offload (action_force_offload) to push it to the cloud and free local space.
6. Review	Open Transfer Log for every transfer (done / error) and the savings analysis for reclaimed storage.

Status lifecycle

Target: Draft → Tested (then used by sync). Transfer log entries are Done or Error.

5. Feature Reference

BYOK targets

S3, Google Drive and OneDrive targets using your own credentials; a test step gates them before use.

Sync rules

Per-model / size / age rules deciding which attachments are mirrored and whether originals are offloaded.

Object references

Each mirrored file is tracked as a cloud.storage.object so Odoo knows where the remote copy lives.

Manual & scheduled sync

Run on demand with Run Sync, or let the scheduled action sweep all tested targets.

Force offload

Push an individual attachment to the cloud and free local storage.

Transfer log

Every transfer recorded as Done or Error (cloud.sync.log) for audit.

Savings analysis

A report model (cloud.sync.report) showing storage reclaimed by offloading.

6. Tips, Troubleshooting & FAQ

Q. Do you store my cloud credentials?

A. They are held in your own Odoo database on the target record (BYOK). The module never sends them anywhere else.

Q. Why won't my target sync?

A. It must pass Test and reach the Tested state, and be active. The scheduler only uses active, tested targets.

Q. What is offloading?

A. Mirroring uploads a copy; offloading additionally removes the local original to reclaim filestore/DB space, leaving a remote reference.

Q. Which attachments are synced?

A. Only those matching your active rules — you choose by model, size or age.

Q. Can I see how much space I saved?

A. Yes, the savings analysis report aggregates reclaimed storage.

Q. What happens on a failed transfer?

A. It is recorded as Error in the Transfer Log so you can investigate and retry.

7. Support

We provide application support and integration guidance for this module. If you hit an issue, please include your Odoo version (18 or 19), the module version, and a short description with a screenshot.

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Licence	LGPL-3

Thank you for choosing Cloud Storage Sync — Drive / OneDrive / S3. This guide documents the features as implemented in the module; menu labels and field names match what you see in Odoo.