

Backup OneDrive Data to Your Own S3 Bucket – Secure and Efficient

Overview

- OneDrive from the M365 suite of products contains important documents that need to be frequently backed up.
- Using the LegacyFlo OneDrive-S3-ZIP request type, you can now backup files from any user's OneDrive to a S3 bucket in your AWS account.

Step 1: Preparing your S3 bucket

A. Create an S3 bucket on AWS

Note: We recommend that you use a single S3 bucket in your AWS account to receive LegacyFlo request output.

Create your S3 bucket in a supported region and allow list and write access to LegacyFlo. The steps for the same are given in the links below:

1. **Get an AWS account** (<https://docs.mithi.com/home/aws-s3#how-do-i-get-an-aws-account->).
2. **Create an S3 bucket** (<https://docs.mithi.com/home/aws-s3#how-do-i-create-a-s3-bucket->) in a region supported by Mithi.
3. Set a temporary bucket policy to allow LegacyFlo to get the name and region of the buckets as [mentioned here](https://docs.mithi.com/home/s3-access-and-data-retrieval) (<https://docs.mithi.com/home/s3-access-and-data-retrieval>).
4. When the S3 bucket is used as a **source**, give **list and read access** to the objects on the bucket and when the S3 bucket is used as a **destination**, allow **list and write access** to LegacyFlo. The steps to do so are [mentioned here](https://docs.mithi.com/home/s3-access-and-data-retrieval) (<https://docs.mithi.com/home/s3-access-and-data-retrieval>).

B. Register your S3 bucket as a source/destination S3 bucket on LegacyFlo

For LegacyFlo to upload data to your S3 bucket, it needs to be added to as a destination S3 bucket in LegacyFlo. The steps for doing the same are as given below:

Note: This step has to be done only once for each destination bucket.

Step 2: Getting access to the OneDrive data

This is a two-step process, in which you generate the API key (one time) and grant OneDrive access for all the accounts whose OneDrive data needs to be accessed

Step 1: **Get access to the M365 Graph API** (<https://docs.mithi.com/home/getting-access-to-the-m365-graph-api>)

Step 2: **Make the user's OneDrive content available for access via the API** (<https://docs.mithi.com/home/preparation-of-m365-for-onedrive-access-via-links>)(This step has to be done for all users whose OneDrive data needs to be accessed.)

Step 3: Submitting a LegacyFlo request

You can submit requests to back up OneDrive data using the LegacyFlo interface.

The request type to be used is **OneDrive-S3-ZIP**.

The parameters for the request are as follows:

Source Information

FIELD NAME	DESCRIPTION	SAMPLE VALUE
User ID	User id on OneDrive domain whose data needs to be imported (Note: The id should not contain the domain name.)	"john"
Domain	Source domain on M365	"baya.com"
OneDrive Folder name	The folder from which data needs to be backed up on the destination. All the contents of this folder and its subfolders will be backed up. Note that the folder name should not start with a /. If all the OneDrive data is to be backed up, leave this value empty	"23-Jun-2020"

Filter Information

FIELD NAME	DESCRIPTION	SAMPLE VALUE
Since (DD- MMM-YYYY)	If this field is left blank, all the files in the source will be added to the backup. If this field has a valid input, then all files which were created or modified since the date specified will be added to the backup.	"31- JAN- 2022"

Other Information

FIELD NAME	DESCRIPTION	SAMPLE VALUE
Send report to	A valid email id to which status reports are sent	john@baya.com

Destination Information

FIELD NAME	DESCRIPTION	SAMPLE VALUE
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FIELD NAME	DESCRIPTION	SAMPLE VALUE
S3 bucket name	This is the name of the S3 bucket in your account which will hold the output of the LegacyFlo request	Backupbucket NOTE: Refer to the steps here to prepare your own S3 bucket to receive LegacyFlo output (https://docs.mithi.com/home/preparation-of-s3-bucket-for-legacyflo)
S3 folder path	The folder created on your S3 bucket for the output	GDrivebackup, FreshdeskSolution
Doc Type	<ul style="list-style-type: none"> You can choose between File or Zip. If you choose file, the files will be copied to the destination while maintaining the folder structure on the source If you choose ZIP, then the files will be copied to a single zip file at the destination 	
File name	<ul style="list-style-type: none"> This option will show up only if you select Zip as the Doc Type. The destination filename for the result of the LegacyFlo request. Choose a filename that will help you identify the contents. 	john-drive.zip, freshdesk-nov-backup.zip

Step 3 (optional): Submitting multiple LegacyFlo requests to backup data for multiple users

To upload multiple jobs using a CSV, [create a CSV file](https://docs.mithi.com/home/how-to-submit-multiple-data-migration-requests-in-legacyflo-application#create-a-csv-for-defining-multiple-requests) (<https://docs.mithi.com/home/how-to-submit-multiple-data-migration-requests-in-legacyflo-application#create-a-csv-for-defining-multiple-requests>) with a list of all the users and other details required to upload data.