

Backup data from a mailbox to a data file on your own S3 bucket

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Overview

Using LegacyFlo you can backup email data from a mailbox to a data file in your own AWS S3 bucket.

Preparation

Before creating migration requests in LegacyFlo, ensure the following:

1. S3 bucket has been created
2. The S3 registered with LegacyFlo
3. The source mail server has to be configured to allow mailbox access.

Note: These steps have to be executed only once.

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/faqs-aws-s3#how-do-i-get-an-aws-account-) (<https://docs.mithi.com/home/faqs-aws-s3#how-do-i-get-an-aws-account->).
2. [Create an S3 bucket](https://docs.mithi.com/home/faqs-aws-s3#how-do-i-create-a-s3-bucket-) (<https://docs.mithi.com/home/faqs-aws-s3#how-do-i-create-a-s3-bucket->) in a region supported by Mithi.
3. [Allow list and write access to LegacyFlo](https://docs.mithi.com/home/faqs-aws-s3#how-do-i-grant-access-to-my-s3-bucket-to-legacyflo-) (<https://docs.mithi.com/home/faqs-aws-s3#how-do-i-grant-access-to-my-s3-bucket-to-legacyflo->).

B. Register your S3 bucket as a 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.

1. [Login to LegacyFlo](https://docs.mithi.com/home/how-to-login-to-the-legacyflo-application) (<https://docs.mithi.com/home/how-to-login-to-the-legacyflo-application>)
2. Select **Add Request**
3. On the left pane,
 - a. Give a dummy **title**
 - b. Select **MITHI-S3-ZIP** as the **Request Type**
4. In the section on **Destination Information**,
 - c. Click the **[+]** icon next to S3 Bucket Name
 - d. On the **Prepare Bucket** page, you will be shown the list of steps to be completed to create and grant access to the S3 bucket. Confirm that you have done as instructed and click on **I confirm that the above configuration is complete.**
 - e. Click **Continue**
 - f. On the **Configure, Verify & Save** page, give the **Bucket Name** and select the **Bucket Region.**
 - g. Click **Verify.** LegacyFlo will check the access to the bucket.
 - h. If LegacyFlo cannot access the bucket, you will be shown an error message similar to **All access to this object has been disabled. Check S3 access rights and name and retry.**
 - i. If the connection is successful then click on **Save.** LegacyFlo will remember this S3 for further requests.

C. Prepare the SOURCE SERVER to allow access to LegacyFlo

Before using LegacyFlo to access email data from source servers using the **IMAP protocol or via the mail server API**, confirm the following

Prerequisites for all mail servers

1. The emails to be migrated are available in the mailboxes hosted on the source server. Emails that have been downloaded using the POP protocol and deleted from the server, cannot be migrated using this option.
2. You should have the rights and the capability to reset the passwords on the source in order to access the mailboxes OR should be able to delegate the access.
3. If the source server is hosted at your own premises, you have provisioned sufficient Internet bandwidth to transfer the mailbox data. (This will not apply to SkyConnect, Vaultastic, O365, Yahoo, or GSuite.)
4. The source email service provider should allow large emails downloaded via IMAP/API without any throttling.
5. Your email service provider supports IMAP or API access to mailboxes. You have configured your email server to allow IMAP or API access as mentioned in the sections below.

Additional prerequisites

GMail

Migration method	Instruction
Migration using Less Secure IMAP access	<p>1. For less secure access via IMAP, follow the instructions given here (https://docs.mithi.com/home/preparation-of-a-gmail-mailbox-for-less-secure-imap-access).</p>
Migration using domain-wide delegation for IMAP or API access	<p>1. For domain-wide delegated access, follow the instructions given here (https://docs.mithi.com/home/preparation-for-googleworkspace-by-enabling-domain-wide-delegation-using-oauth-service).</p> <p>2. If using domain-wide delegation for IMAP access (request types GMAILAUTH-S3-ZIP, GMAILAUTH-S3-PST, etc), follow the steps given here (https://docs.mithi.com/home/enabling-gmail-imap-access) to enable IMAP access for all the mailboxes to be migrated.</p>

M365/O365

Step	Instructions
a. Generating M365 Graph API access credentials for accessing the mailbox data using IMAP or API	<p>Follow the instructions given here (https://docs.mithi.com/home/getting-access-to-the-m365-graph-api).</p> <p>NOTE: For IMAP access, get confirmation from the O365 support team that there is no throttling on accessing mail from mailboxes on O365 using the IMAP protocol.</p>
b. Suppress read receipts	<p>Run the following cmdlet if using IMAP access</p> <pre>Set-ImapSettings -SuppressReadReceipt \$false cmdlet</pre>
c. Delegate access for O365 mailboxes (to be done for all mailboxes to be migrated)	<p>Follow the instructions given here (https://docs.mithi.com/home/preparation-of-o365-servers-by-enabling-imap-access-to-mailboxes).</p>

Migrate data to your own S3

Once the preparation is done, you can start the migration by submitting migration requests to LegacyFlo.

Note: This step has to be executed for each mailbox to be migrated.

The request type used to submit a LegacyFlo request will depend on the source type. The tables below gives the details of the preparation and request parameters for different source types:

Source: O365/M365

O365-S3-ZIP	<ul style="list-style-type: none"> • Use this request type to backup data from an O365 mailbox to S3 using IMAP access. • The destination file will have EML files in a zipped file. • Click here (https://docs.mithi.com/home/o365-s3-zip) for the details of the request parameters.
O365-S3-PST	<ul style="list-style-type: none"> • Use this request type to backup data from an O365 mailbox to S3 using IMAP access. • The destination file will be a PST file. • Click here (https://docs.mithi.com/home/o365-s3-pst) for the details of the request parameters.
M365API-S3-ZIP	<ul style="list-style-type: none"> • Use this request type to backup data from an O365 mailbox to S3 using the API access. • The destination file will have EML files in a zipped file. • Click here (https://docs.mithi.com/home/m365api-s3-zip) for the details of the request parameters.
M365API-S3-PST	<ul style="list-style-type: none"> • Use this request type to backup data from an O365 mailbox to S3 using the API access. • The destination file will be a PST file. • Click here (https://docs.mithi.com/home/m365api-s3-pst) for the details of the request parameters.

Source:GMail

GMAIL-S3-ZIP	<ul style="list-style-type: none"> • Use this request type to backup data from a GMail mailbox accessed using Less Secure Access method. • Click here (https://docs.mithi.com/home/gmail-s3-zip) to know the parameters to be specified in the Source and Destination information
GMAILAUTH-S3-ZIP	<ul style="list-style-type: none"> • Use this request type to backup data from a GMail mailbox accessed using domain-wide delegation and IMAP access. • The destination file will be a compressed file. • Click here (https://docs.mithi.com/home/gmailauth-s3-zip) to know the parameters to be specified in the Source and Destination information

GMAILAUTH-S3-PST	<ul style="list-style-type: none"> • Use this request type to backup data from a GMail mailbox accessed using domain-wide delegation and IMAP access. • The destination file will be a PST file. • Click here (https://docs.mithi.com/home/gmailauth-s3-pst) to know the parameters to be specified in the Source and Destination information
GMAILAPI-S3-ZIP	<ul style="list-style-type: none"> • Use this request type to backup data from a GMail mailbox accessed using domain-wide delegation and API access. • The destination file will be a compressed file. • Click here (https://docs.mithi.com/home/gmailapi-s3-zip) to know the parameters to be specified in the Source and Destination information
GMAILAPI-S3-PST	<ul style="list-style-type: none"> • Use this request type to backup data from a GMail mailbox accessed using domain-wide delegation and API access. • The destination file will be a PST file. • Click here (https://docs.mithi.com/home/gmailapi-s3-pst) to know the parameters to be specified in the Source and Destination information

Other Sources

MITHI-S3-ZIP	<ul style="list-style-type: none"> • Use this request type to backup data from a SkyConnect account to S3. • Click here (https://docs.mithi.com/home/mithi-s3-zip) for the details of the request parameters.
YAHOO-S3-ZIP	<ul style="list-style-type: none"> • Use this request type to backup data from an Yahoo mailbox to S3. • Click here (https://docs.mithi.com/home/yahoo-s3-zip) for the details of the request parameters.

Retrieve data from S3

You can retrieve the data by

1. Downloading the zip file, either using the [AWS console](https://docs.mithi.com/home/faqs-aws-s3#how-do-i-download-files-from-s3-bucket-using-aws-console) (<https://docs.mithi.com/home/faqs-aws-s3#how-do-i-download-files-from-s3-bucket-using-aws-console>) or a tool such as [S3 browser](https://docs.mithi.com/home/faqs-about-migrating-email-data-from-data-files-using-the-legacyflo-application#how-do-i-download-the-files-from-s3-bucket-using-s3-browser). (<https://docs.mithi.com/home/faqs-about-migrating-email-data-from-data-files-using-the-legacyflo-application#how-do-i-download-the-files-from-s3-bucket-using-s3-browser>)
2. [Migrating the data to a SkyConnect or Vaultastic account](https://docs.mithi.com/home/how-to-migrate-email-data-in-email-files-using-the-legacyflo-application) (<https://docs.mithi.com/home/how-to-migrate-email-data-in-email-files-using-the-legacyflo-application>).