

# Upload from a mailbox to Vaultastic V4 Open store

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## Overview

- The Open Store of Vaultastic Version 4 is where you can upload data files.
- These files can remain on the Open/Deep Store till you download them or copy the data to Active Store for discovery.
- There are multiple ways you can upload data files to the Open/Deep Store. These methods are highlighted in the topic [here](https://docs.mithi.com/home/vaultastic-inactive-store) (<https://docs.mithi.com/home/vaultastic-inactive-store>).
- This topic discusses the method of using LegacyFlo to upload data from mailboxes using LegacyFlo.

## Prepare the SOURCE SERVER to allow access to LegacyFlo

Before using [LegacyFlo](https://docs.mithi.com/home/legacyflo) (<https://docs.mithi.com/home/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 credentials to access the mailboxes to be migrated.** 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.
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

### Google Workspace - Gmail

LegacyFlo can access Gmail mailboxes using 3 methods

1. Accessing mailboxes using API (**recommended**)
2. Accessing mailboxes using domain-wide delegated access via IMAP
3. Accessing mailboxes configured to allow Less Secure IMAP Access

For each of these, the Google Workspace / Gmail settings required are different and are given below

| Migration method                                     | Instruction  |
|--|--|
| Migration using the Gmail API ( <b>recommended</b> ) | Follow the instructions <a href="https://docs.mithi.com/home/preparation-for-googleworkspace-by-enabling-domain-wide-delegation-using-oauth-service">given here</a><br>( <a href="https://docs.mithi.com/home/preparation-for-googleworkspace-by-enabling-domain-wide-delegation-using-oauth-service">https://docs.mithi.com/home/preparation-for-googleworkspace-by-enabling-domain-wide-delegation-using-oauth-service</a> ).  |
| Migration using domain-wide delegation for IMAP      | <ol style="list-style-type: none"><li>1. For domain-wide delegated access, follow the instructions <a href="https://docs.mithi.com/home/preparation-for-googleworkspace-by-enabling-domain-wide-delegation-using-oauth-service">given here</a><br/>(<a href="https://docs.mithi.com/home/preparation-for-googleworkspace-by-enabling-domain-wide-delegation-using-oauth-service">https://docs.mithi.com/home/preparation-for-googleworkspace-by-enabling-domain-wide-delegation-using-oauth-service</a>).</li><li>2. If using domain-wide delegation for IMAP access (request types GMAILOAUTH-S3-ZIP, GMAILOAUTH-S3-PST, etc), follow the steps <a href="https://docs.mithi.com/home/enabling-gmail-imap-access">given here</a> (<a href="https://docs.mithi.com/home/enabling-gmail-imap-access">https://docs.mithi.com/home/enabling-gmail-imap-access</a>) to enable IMAP access for all the mailboxes to be migrated.</li></ol> |
| Migration using Less Secure IMAP access              | For less secure access via IMAP, follow the instructions <a href="https://docs.mithi.com/home/preparation-of-a-gmail-mailbox-for-less-secure-imap-access">given here</a><br>( <a href="https://docs.mithi.com/home/preparation-of-a-gmail-mailbox-for-less-secure-imap-access">https://docs.mithi.com/home/preparation-of-a-gmail-mailbox-for-less-secure-imap-access</a> ).   |

### M365/O365

On M365. mailboxes hosted on Outlook can be accessed in two different ways:

1. Delegated API access (**recommended**)
2. Delegated IMAP access

The steps to prepare for the access is as given below

| Step   | Instructions   |
|--|--|
| a. Generating M365 Graph API access credentials for accessing the mailbox data using IMAP or API | <p>Follow the instructions <a href="https://docs.mithi.com/home/getting-access-to-the-m365-graph-api">given here</a> (<a href="https://docs.mithi.com/home/getting-access-to-the-m365-graph-api">https://docs.mithi.com/home/getting-access-to-the-m365-graph-api</a>).</p> <p><b>NOTE:</b> 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 <a href="https://docs.mithi.com/home/preparation-of-o365-servers-by-enabling-imap-access-to-mailboxes">given here</a> (<a href="https://docs.mithi.com/home/preparation-of-o365-servers-by-enabling-imap-access-to-mailboxes">https://docs.mithi.com/home/preparation-of-o365-servers-by-enabling-imap-access-to-mailboxes</a>).</p>  |

## Register the S3 bucket on which Open/Deep Store is hosted with LegacyFlo

The S3 bucket on which the Vaultastic Open Store is hosted has to be registered with LegacyFlo (**this is a one time activity**). For the steps on registration, [refer to this article](https://docs.mithi.com/home/preparation-of-s3-bucket-for-legacyflo) (<https://docs.mithi.com/home/preparation-of-s3-bucket-for-legacyflo>).

**Note:** For the Open/Deep Store, the first step of bucket creation, policies and permissions is to be mentioned in the article is to be skipped.

## Migrate data to the Open/Deep Store

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 table below gives the details of the preparation and request parameters for different source types:

### Source: O365/M365

|                |   |
|----------------|---|
| M365API-S3-ZIP | <ul style="list-style-type: none"> <li>• Use this request type to backup data from a M365 mailbox to a ZIP file on the S3 bucket in the Vaultastic V4 Open Store.</li> <li>• The request uses the Graph API to access the mailbox content.</li> <li>• <a href="https://docs.mithi.com/home/m365api-s3-zip">Click here</a> (<a href="https://docs.mithi.com/home/m365api-s3-zip">https://docs.mithi.com/home/m365api-s3-zip</a>) for the details of the request parameters.</li> </ul> |
|----------------|---|

|                    |   |
|--------------------|---|
| M365API-S3-PST     | <ul style="list-style-type: none"> <li>• Use this request type to backup data from an M365 mailbox to a PST file on the S3 bucket in the Vaultastic V4 Open store.</li> <li>• The request uses the Graph API to access the mailbox content.</li> <li>• <a href="https://docs.mithi.com/home/m365api-s3-pst">Click here</a> (https://docs.mithi.com/home/m365api-s3-pst) for the details of the request parameters.</li> </ul> |
| <b>O365-S3-ZIP</b> | <ul style="list-style-type: none"> <li>• Use this request type to backup data from an O365 mailbox to a ZIP file on the S3 bucket in the Vaultastic V4 Open store.</li> <li>• The request uses the IMAP protocol to access the mailbox content.</li> <li>• <a href="https://docs.mithi.com/home/o365-s3-zip">Click here</a> (https://docs.mithi.com/home/o365-s3-zip) for the details of the request parameters.</li> </ul>   |
| O365-S3-PST        | <ul style="list-style-type: none"> <li>• Use this request type to backup data from an O365 mailbox to a PST file on the S3 bucket in the Vaultastic V4 Open store.</li> <li>• The request uses the IMAP protocol to access the mailbox content.</li> <li>• <a href="https://docs.mithi.com/home/o365-s3-pst">Click here</a> (https://docs.mithi.com/home/o365-s3-pst) for the details of the request parameters.</li> </ul>   |

### Source: GMail

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

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

## Other Sources

|                     |  |
|---------------------|--|
| <b>MITHI-S3-ZIP</b> | <ul style="list-style-type: none"> <li>• Use this request type to backup data from a SkyConnect or Vaultastic account to the S3 bucket in the Vaultastic V4 Inactive store.</li> <li>• Click <a href="https://docs.mithi.com/home/mithi-s3-zip">here</a> (<a href="https://docs.mithi.com/home/mithi-s3-zip">https://docs.mithi.com/home/mithi-s3-zip</a>) for the details of the request parameters.</li> </ul> |
| <b>YAHOO-S3-ZIP</b> | <ul style="list-style-type: none"> <li>• Use this request type to backup data from an Yahoo mailbox to the S3 bucket in the Vaultastic V4 Inactive store.</li> <li>• Click <a href="https://docs.mithi.com/home/yahoo-s3-zip">here</a> (<a href="https://docs.mithi.com/home/yahoo-s3-zip">https://docs.mithi.com/home/yahoo-s3-zip</a>) for the details of the request parameters.</li> </ul>                   |

## Retrieve data from S3

You can retrieve the data by [accessing the Vaultastic V4 Open store](https://docs.mithi.com/home/how-to-use-the-inactive-storage-app) (<https://docs.mithi.com/home/how-to-use-the-inactive-storage-app>).

