

# Deep Store Management

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## Uploading data to the Vaultastic Deep Store

The Vaultastic Deep Store for your domain is the place where you store rarely accessed files. The different methods for uploading data to the Deep Store depend on the source of the files and are mentioned below

### Method 1: Uploading files

Files can be directly uploaded to the Deep Store using the a tool such as S3 Browser Pro or AWS Snowball.

#### Option 1: Using third party tools to upload data to an S3 bucket

The first option is to download and install a third-party tool such as the S3 browser Pro on your desktop to upload the files. To upload using a third party tool, you need to [download a key to the underlying S3 bucket on which the Deep Store for your domain is hosted](https://docs.mithi.com/home/configure-s3-browser-to-access-the-vaultastic-open-deep-store). (<https://docs.mithi.com/home/configure-s3-browser-to-access-the-vaultastic-open-deep-store>)

This key has to be registered with the third party tool. Broadly, there are two steps in uploading the raw data using a third party tool such as the S3 browser.

- Configure the S3 browser on your machine and create an external bucket
- Upload files

The detail working of these and other steps to using the S3 Browser Pro for uploading / downloading and [accessing files on the Vaultastic Deep Store can be found here](https://docs.mithi.com/home/data-management-on-vaultastic-deep-store-using-s3browserpro) (<https://docs.mithi.com/home/data-management-on-vaultastic-deep-store-using-s3browserpro>).

**Note:** Any 3rd party tools required to upload data to the S3 bucket, including those recommended have to be purchased by you, the customer.

## Option 2: Using the AWS Snowcone/Snowball

When migrating large volumes of data, it is advisable to use the AWS Snowcone or Snowball to transport data from your data center to the AWS data center in the selected region. Refer to the AWS documentation on ordering and using a device in the AWS Snow family.

**Note:** Any 3rd party tools required to upload data to the S3 bucket, including those recommended have to be purchased by you, the customer.

## Method 2: Copy files from the Open Store to the Deep Store

Files already on the Vaultastic Open Store can be copied to the Vaultastic Deep Store using the [S32S3Copy](https://docs.mithi.com/home/copy-move-delete-files-from-s3-bucket) (<https://docs.mithi.com/home/copy-move-delete-files-from-s3-bucket>) request type in LegacyFlo.

## Method 2: Copy email data from live mailboxes into data files on the Deep Store

Email data residing in mailboxes on the source servers, can be converted to data files on the Deep Store. The [LegacyFlo](https://docs.mithi.com/home/legacyflo) (<https://docs.mithi.com/home/legacyflo>) service is used to this conversion.

## Method 3: Copy files from the Open Store to the Deep Store

Files already on the Vaultastic Open Store can be copied to the Vaultastic Deep Store using the [S32S3Copy](https://docs.mithi.com/home/copy-move-delete-files-from-s3-bucket) (<https://docs.mithi.com/home/copy-move-delete-files-from-s3-bucket>) request type in LegacyFlo.

## Method 4: Manually copy email data from the Active Store to data files on the Open Store

To copy data from the Active Store to Open Store on-demand, you can use LegacyFlo as [described her](https://docs.mithi.com/home/how-to-move-data-between-vaultastic-v4-active-and-open-stores) (<https://docs.mithi.com/home/how-to-move-data-between-vaultastic-v4-active-and-open-stores>) [E.](https://docs.mithi.com/home/backup-data-from-vaultastic-v4-to-s3) (<https://docs.mithi.com/home/backup-data-from-vaultastic-v4-to-s3>)

## Method 5: Backup data from Freshdesk Solutions, GDrive, OneDrive to the Deep Store

You can use LegacyFlo to backup data from users GDrive or OneDrive accounts to compressed files on the Deep Store.

Login to your LegacyFlo account and [submit multiple requests](https://docs.mithi.com/home/how-to-submit-multiple-data-migration-requests-in-legacyflo-application) (<https://docs.mithi.com/home/how-to-submit-multiple-data-migration-requests-in-legacyflo-application>) of type [GDrive-S3-Zip](https://docs.mithi.com/home/backup-gdrive-data-onto-the-vaultastic-open-store) (<https://docs.mithi.com/home/backup-gdrive-data-onto-the-vaultastic-open-store>) or [OneDrive-S3-Zip](https://docs.mithi.com/home/backup-onedrive-data-onto-the-vaultastic-open-store) (<https://docs.mithi.com/home/backup-onedrive-data-onto-the-vaultastic-open-store>).

For other request types, refer to the [documentation here](https://docs.mithi.com/home/legacyflo). (<https://docs.mithi.com/home/legacyflo>)

## Methods for Downloading data from Vaultastic Deep Store

There are multiple ways to download data from the Deep Store using a third party tool such as the S3browser or using the AWS Snowball device.

The choice depends on the volume of data to be download. The table below gives the details of each method.

Method	Best Suited for	Factors determining the time for download
<p><b>S3 browser Pro</b></p> <p>To know how to access the Deep Store using the S3 browser, <a href="https://docs.mithi.com/home/data-management-on-vaultastic-deep-store-using-s3browserpro">click here</a>. (<a href="https://docs.mithi.com/home/data-management-on-vaultastic-deep-store-using-s3browserpro">https://docs.mithi.com/home/data-management-on-vaultastic-deep-store-using-s3browserpro</a>)</p>	<p>Downloading more than one file.</p> <p>Suitable when the total size of the data to be downloaded does not exceed 8-10TB.</p>	<p>Depending on the last mile connectivity</p>
<p><b>AWS Snowball</b></p> <p>To know more about the AWS snowball, <a href="https://aws.amazon.com/snowball/">click here</a>. (<a href="https://aws.amazon.com/snowball/">https://aws.amazon.com/snowball/</a>).</p>	<p>For bulk download of a large volume of data.</p>	<p>Depends on snowball availability and the volume of data to be transferred.</p>

## Data retention on the Vaultastic Deep Store

The minimum period for which data has to be retained on the Deep Store is six months.

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