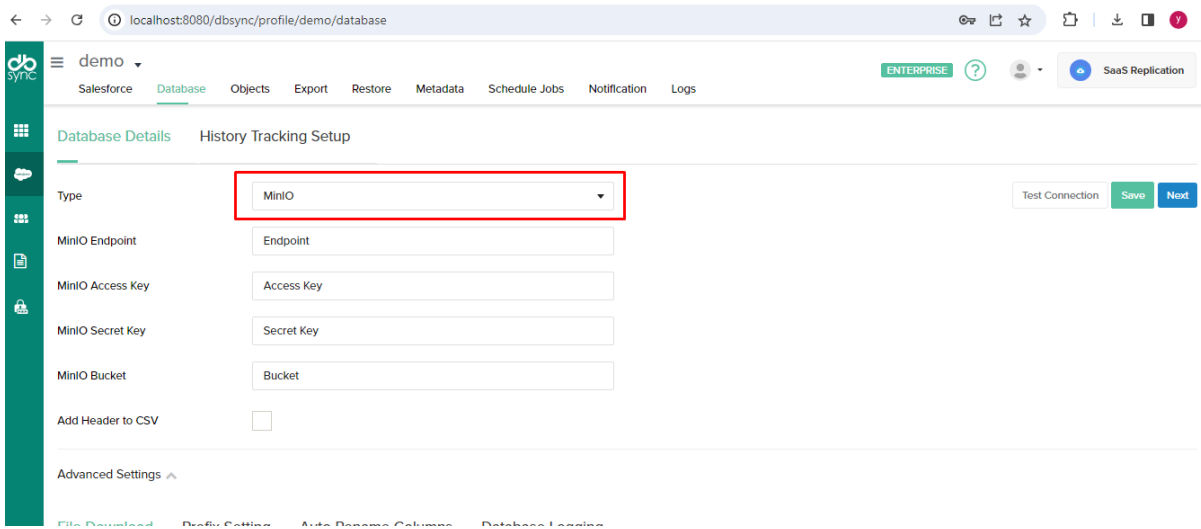


# MINIO

- DBSync Cloud Replication (Salesforce with Azure Synapse)
- Azure Synapse Database details in DBSync Replication Profile

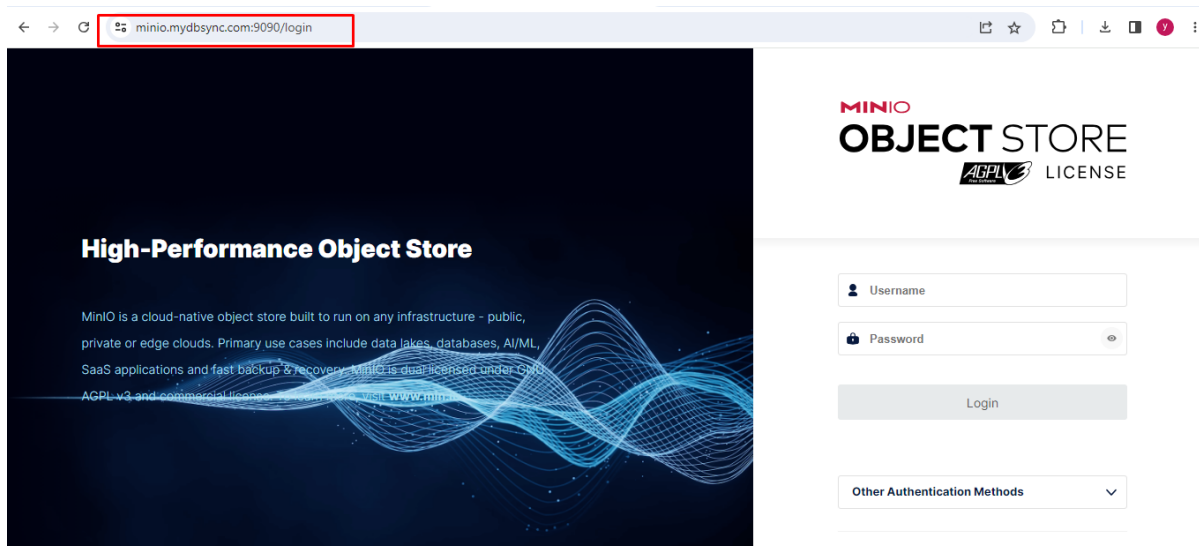
## DBSync Cloud Replication (Salesforce with MINIO)

- Go to the database section and select database type as MinIO.



The screenshot shows the DBSync web interface. The browser address bar displays 'localhost:8080/dbsync/profile/demo/database'. The interface has a sidebar with icons for various functions. The main content area is titled 'Database Details' and 'History Tracking Setup'. Under 'Database Details', the 'Type' dropdown menu is set to 'MinIO' and is highlighted with a red rectangular box. Below this, there are input fields for 'MinIO Endpoint', 'MinIO Access Key', 'MinIO Secret Key', and 'MinIO Bucket'. To the right of these fields are buttons for 'Test Connection', 'Save', and 'Next'. At the bottom, there is an 'Advanced Settings' section with a downward arrow.

- In the next tab, open your MinIO URL to get the database details.



The screenshot shows the MinIO Object Store login page. The browser address bar displays 'minio.mydbsync.com:9090/login', which is highlighted with a red rectangular box. The page has a dark background with a blue wave graphic. The text 'High-Performance Object Store' is prominently displayed. Below this, there is a paragraph describing MinIO as a cloud-native object store. On the right side, there is a login form with input fields for 'Username' and 'Password', a 'Login' button, and a dropdown menu for 'Other Authentication Methods'. The MinIO logo and 'OBJECT STORE' text are at the top right, along with the 'AGPLv3 LICENSE' logo.

- Enter the credentials as username and password
- After login, you will be redirected to the object browser of Minio

minio.mydbsync.com:9090/browser

**OBJECT STORE**  
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Object Browser

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Filter Buckets

Name	Objects	Size	Access
cdm-dev	2	296.0 B	R/W
demo	6	693.7 KiB	R/W
qatestingteam	15	1.3 MiB	R/W
rajeev-test	1	27.2 KiB	R/W
rajeev-test-env	0	0.0 B	R/W
rajeev-test-env2	4	4.5 MiB	R/W
srininio	683	25.0 MiB	R/W

- Now go to the bucket section and create a bucket.

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Search Buckets

Create Bucket +

**cdm-dev**  
Created: Wed Jun 07 2023 17:24:43 GMT+0530 (India Standard Time) Access: R/W  
Usage 296.0 B Objects 2

**demo**  
Created: Fri Jul 07 2023 20:23:35 GMT+0530 (India Standard Time) Access: R/W  
Usage 693.7 KiB Objects 6

- Give a name, for example, minbucket (in my case).

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Buckets

Create Bucket

Bucket Name\* minbucket

View Bucket Naming Rules

Features

Versioning OFF ON

Object Locking OFF ON


Quota OFF ON


Clear Create Bucket


**Buckets**  
MinIO uses buckets to organize objects. A bucket is similar to a folder or directory in a filesystem, where each bucket can hold an arbitrary number of objects.  
**Versioning** allows to keep multiple versions of the same object under the same key.  
**Object Locking** prevents objects from being deleted. Required to support retention and legal hold. Can only be enabled at bucket creation.  
**Quota** limits the amount of data in the


- Now go to Access Keys and create access keys.


## Access Keys




Delete Selected 

Change Password 

Create access key 

☐  Access Key

☐ 0xFzux19txpnegNz0f9v 

- After clicking “Create access key,” you will see the Access and secret keys. **Keep The secret key safe, as it only generates and sees once.**

MINIO

OBJECT STORE

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← Access Keys


Create Access Key


 Access Key

OEBUM5kXmeXEgaN2oz7

 Secret Key


..... 


 Restrict beyond user policy ?

OFF  ON


Clear

Create

 Learn more about Access Keys

 Create Access Keys

Access Keys inherit the policies explicitly attached to the parent user, and the policies attached to each group in which the parent user has membership.

 Assign Custom Credentials

Randomized access credentials are recommended, and provided by default. You may use your own custom Access Key and Secret Key by replacing the default values. After creation of any Access Key, you will be given the opportunity to view and download the account credentials.

- Now enter all the credentials

Database Details

History Tracking Setup

Type

MinIO

MinIO Endpoint

Endpoint

MinIO Access Key

Access Key

MinIO Secret Key

Secret Key

MinIO Bucket

Bucket

Save As Type

Parquet

Batch Size

10000

Maximum Batch Size Limits to 10000

Purge Old Data For Clean Copy

- **Select the format** in which you want to save your data in your MinIO

Save As Type

Parquet

Select

Parquet

CSV

Batch Size

10000

Maximum Batch Size Limits to 10000

#### Note

Add Header to CSV



This section will only be visible once CSV is selected in the "Save As Type"

This option enables you to select the format in which you want to save the data in MinIO

- **Select the Batch size**

Batch Size 10000 Maximum Batch Size Limits to 10000

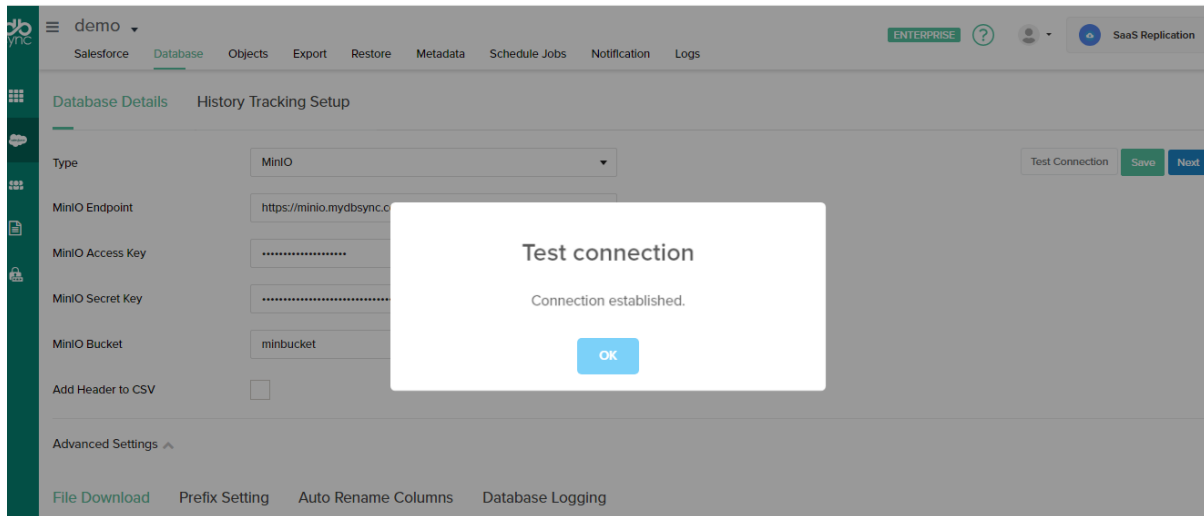
- **Purge Old Data For a Clean Copy**

Purge Old Data For Clean Copy

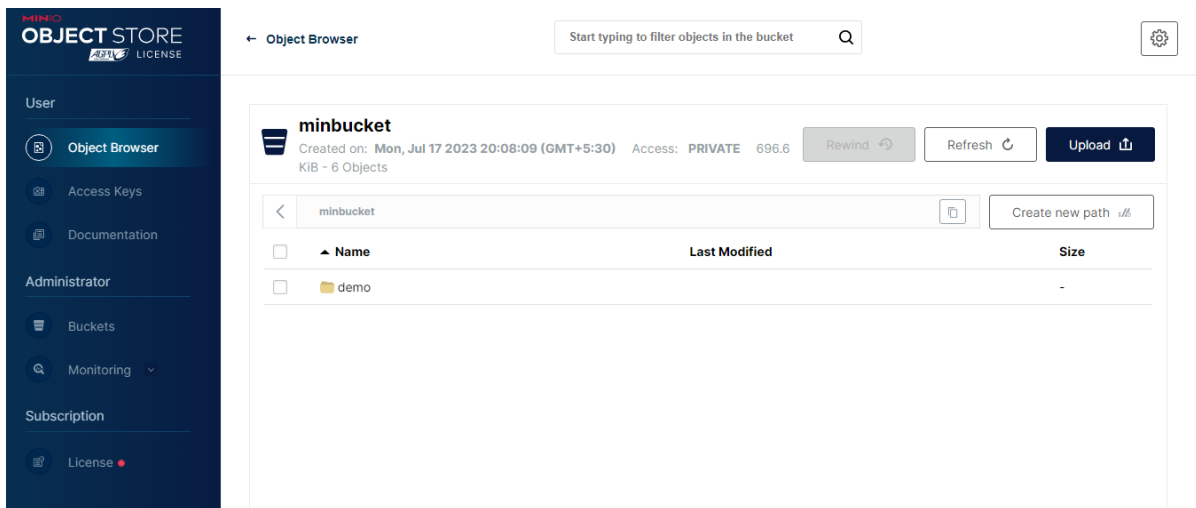


enabling this will clean the old data before performing the clean copy and adding new data to the bucket

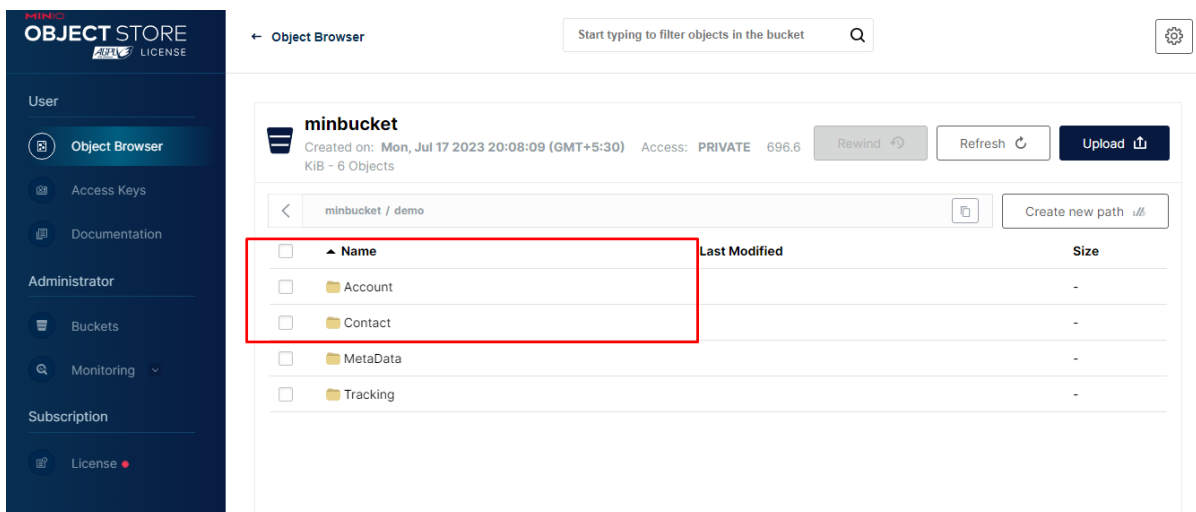
- **Test connection**  
once all the details are filled test the connection



- After Successful Sync, we can see in the bucket(min bucket in my case) a folder created by the same name as the profile name.



- Going inside, we can see the folders by the same name as the objects that we synced are created.



- Inside Object, we can see the data is saved in CSV/Parquet format.

minio

OBJECT STORE

ADVANCED LICENSE

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Object Browser

Start typing to filter objects in the bucket



minbucket

Created on: Mon, Jul 17 2023 20:08:09 (GMT+5:30) Access: PRIVATE 696.6 KiB - 6 Objects

Rewind

Refresh

Upload



minbucket / demo / Account



Create new path



Name

Last Modified

Size



Account\_2023-07-17\_15\_08\_00\_980.csv

Today, 20:38

538.4 KiB