



# Migrating **BDR storage** from one drive to another

SEMBU TECHNOLOGIES

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## Purpose of this document

This document assists users in migrating BDR storage volumes between drives with different drive letters.

## Storage Migration Steps

**STEP 1:** Stop Vembu BDR service from SGTray application before initializing storage migration. *(The SGTray application can be found in the windows taskbar notification section)*

**STEP 2:** Take the dump of the main database (SGDatabase) using the below steps and keep it safe. *(It is optional and is only for safety purpose)*

a) Open the command prompt with administrator privileges.

b) Go to the PostgreSQL bin location.

**Example:** `cd "C:\Program Files\Vembu\PostgreSQL\<postgres Version>\bin"`

c) Run the below command:

**`pg_dump.exe -U postgres -p32010 -d SGDatabase > C:\SGDatabase_Dump.sql`**

**Note:** If it prompts for password then type "**admin**" and press Enter.

**STEP 3:** Copy the sgstorage folder from the old storage location to the new storage location.

**Important:** *Make sure, entire data is copied successfully to the new storage location before proceeding with the next step.*

**STEP 4:** Run the Storage Migration Util by following the steps given below:

a) Open the command prompt with administrator privileges.

b) Go to the VembuBDR installation location.

**Example:** `cd "C:\Program Files\Vembu\VembuBDR"`

c) Run the util as:

**`bin\VembuBDR.exe ChangeRepository <Old_Storage_Drive> <New_Storage_Drive> <PoolName>`**

**Example:** `bin\VembuBDR.exe ChangeRepository E:/ D:/ FirstStoragePool`

In the above example, the Old Storage location is **E:/** and the New Storage location is **D:/** and the name of the pool is **FirstStoragePool**

If you have multiple storage pools configured as your backup repository, you have to run the above command by specifying the Storage Pool names.

### Example:

***bin\VembuBDR.exe ChangeRepository E:/ D:/ FirstStoragePool***

***bin\VembuBDR.exe ChangeRepository X:/ D:/ SecondStoragePool***

You can get the list of configured Storage Pools from the Database by following the below steps:

1) Open CMD and go to the PostgreSQL installation location.  
Example:- `cd "C:\Program Files\Vembu\PostgreSQL\<postgres Version>\bin"`

2) Run the below command after going to the above location in CMD:  
***psql.exe -U postgres -p32010***

**Note:** If it prompts for password then type "admin" and press Enter.

3) Type the below command and press Enter:  
***\c SGDatabase***

4) Type the following query and press Enter:  
***select repository\_name from sg\_chunk\_repository\_details where Global\_repo\_id in (0, -1);***

5) Above query will give the PoolName

**Step 5:** Once the storage migration Util gets completed, you can start the Vembu BDR server.

If you have trouble following the steps provided, contact [Vembu Support](#)