

Installation and Setup Guide for Debian (CLI)

**This guide explains the steps to set up and perform a file backup on Debian.
The process remains the same for the latest versions of Debian.**

Installer Type	Use For	Linux Distributions	Package Manager
SH Online Installer	Generic Installer for any Linux system	CentOS, Debian, Red Hat, Ubuntu, Rocky Linux	Shell script (bash)
TAR GZ Offline Installer	All Linux distributions, no internet required	CentOS, Debian, Red Hat, Ubuntu, Rocky Linux	Manual install
RPM Online Installer	RHEL-based distributions (CentOS, RHEL, Rocky Linux)	CentOS, RHEL, Rocky Linux	rpm , dnf , yum
DEB Online Installer	Debian-based distributions (Ubuntu, Debian)	Ubuntu, Debian	dpkg , apt

Local Backup Steps

Step 2-11: Setting up and running a local backup

Cloud Backup Steps

Step 12+: Configuring and enabling cloud backup

Step 1: Create Account & Download the Linux Client

Create a PRO UK account in your portal and then open the following link to access the Linux client download page: [Click Here](#)

If you have a branded URL / product name or are using another storage region apart from the UK, then please contact us for any help in following the below steps.

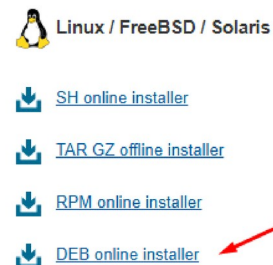
Method 1: Installing via .deb Installer

a) Update System and Install Required Packages

Open the terminal and run:

```
[ sudo apt update && sudo apt install -y curl ]
```

b) Download the (.deb) Installer



c) Navigate to the folder where the .deb package is downloaded.

Use the following command to install the package:

```
[ sudo dpkg -i <name_of_downloaded_package>.deb ]
```

```
root@debian:~# dpkg -i obm-debian-noarch-443-uk.onlinedatastorageuk.co.uk-https-433140.deb?dlName=obm-linux-noarch-443-uk.onlinedatastorageuk.co.uk-https-433140.deb
```

d) If there are any dependency issues, run:

...

```
[ sudo apt-get install -f ]
```

Method 2: Installing via .sh Installer

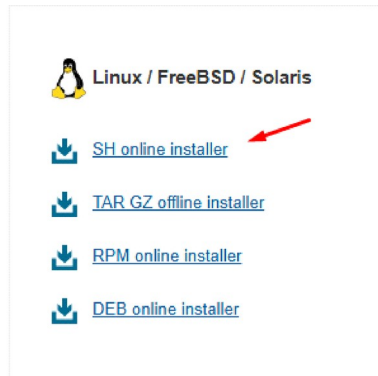
a) Update System and Install Required Packages

Open the terminal and run:

```
[ sudo apt update && sudo apt install -y bash && sudo apt install -y curl ]
```

b) Download the (.sh) Installer

<https://uk.onlinedatastorageuk.co.uk/cbs/system/ShowDownload.do>



c) Grant Execution Permission

Navigate to the directory where the .sh file is downloaded:

Make the script executable:

```
[ chmod +x obm-linux-443-uk.onlinedatastorageuk.co.uk-https-433140.sh ]
```

```
root@debian:~/Desktop# chmod +x obm-linux-443-uk.onlinedatastorageuk.co.uk-ht
s-433140.sh
root@debian:~/Desktop# ls
jre-std-linux-amd64.tar.gz
obm.desktop
obm-linux-443-uk.onlinedatastorageuk.co.uk-https-433140.sh
```

d) Install the Backup Software

Run the installation script:

```
[ sudo bash obm-linux-443-uk.onlinedatastorageuk.co.uk-https-433140.sh ]
```

Give sudo password(root password)

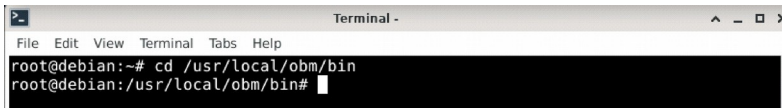
```
root@debian:~/Desktop# sudo bash obm-linux-443-uk.onlinedatastorag
euk.co.uk-https-433140.sh
```

After Installation Complete Both .deb or .sh

Step 2: Navigate to Be In The Cloud CLI Directory

Open your terminal and enter the following command:

cd /usr/local/obm/bin

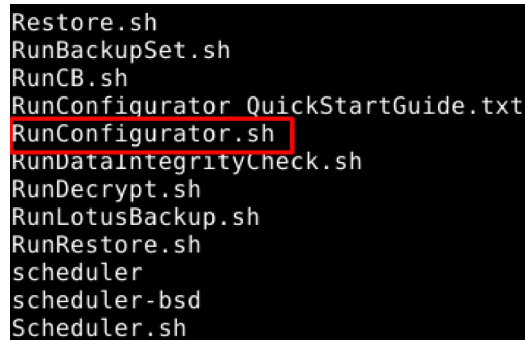
A terminal window titled "Terminal -" with a menu bar (File, Edit, View, Terminal, Tabs, Help). The command prompt shows "root@debian:~# cd /usr/local/obm/bin" and the next line shows "root@debian:/usr/local/obm/bin#".

```
root@debian:~# cd /usr/local/obm/bin
root@debian:/usr/local/obm/bin#
```

Step 3: List Available Scripts

Check the available RunConfigurator.sh files by running:

ls

A terminal window showing the output of the 'ls' command. The files listed are: Restore.sh, RunBackupSet.sh, RunCB.sh, RunConfigurator QuickStartGuide.txt, RunConfigurator.sh (highlighted with a red box), RunDataIntegrityCheck.sh, RunDecrypt.sh, RunLotusBackup.sh, RunRestore.sh, scheduler, scheduler-bsd, and Scheduler.sh.

```
Restore.sh
RunBackupSet.sh
RunCB.sh
RunConfigurator QuickStartGuide.txt
RunConfigurator.sh
RunDataIntegrityCheck.sh
RunDecrypt.sh
RunLotusBackup.sh
RunRestore.sh
scheduler
scheduler-bsd
Scheduler.sh
```

Step 4: Run Configuration Tool

Start the setup process:

bash RunConfigurator.sh

```

root@debian:/usr/local/obm/bin# bash RunConfigurator.sh
Startup BackupEverythingPro ...
User Configuration file not found
Create a new Configuration file at directory
[/root/.obm/config]

Login Menu (No configuration files found)
-----
  (1). Login
  (2). Quit
-----
Your Choice: █

```

Step 5: Login

It will ask you to **Login**. Type:

1

Press **Enter**, then provide the following details:

- **Server URL:** uk.onlinedatastorageuk.co.uk
- **Port:** **443** (or **80** as an alternative)
- **Proxy Setup:** If using a proxy, enter details. Otherwise, skip.
- **Username & Password:** Enter your login credentials.

```

Login Menu (No configuration files found)
-----
  (1). Login
  (2). Quit
-----
Your Choice: 1

Backup Server URL : uk.onlinedatastorageuk.co.uk
Port : 443
Protocol? (1) Http (2) Https : 2
Enable Proxy (Y/N) ? N
Login Name : <Your_login_username>
Password : █

```

Step 6: Access the Main Menu

After logging in, you will see this menu:

Main Menu

- ```

(1). List Backup Sets
(2). Delete Backup Set
(3). Export Backup Set Settings to XML
(4). Import Backup Set Settings from XML
(5). Generate new Backup Set Settings Template
(6). Change Language [English]
(7). Update Profile Settings
(8). Quit

```

## Step 7: Create a New Backup Set Template

If no backup set exists, create a template by choosing:

5

This generates a backup set XML at:

**/home/<your-username>/.obm/config/backupSet.xml**

```
New configuration file has been created
Main Menu

(1). List Backup Sets
(2). Delete Backup Set
(3). Export Backup Set Settings to XML
(4). Import Backup Set Settings from XML
(5). Generate new Backup Set Settings Template
(6). Change Language [English]
(7). Update Profile Settings
(8). Quit

Your Choice: 5

Choose a template from a backup set type

(1). File
(2). MySQL Database
(3). MariaDB
(4). Oracle Database Server

Your Choice: 1
```

```
XML file successfully exported to /root/.obm/config/backupSet.xml
```

## Step 8: Modify the XML Configuration

**Edit the XML file using Notepad(Flexible)**

Edit the XML file using a text editor:

**nano /home/<your-username>/.obm/config/backupSet.xml**

## Modify the Following:

Set Backup Name (backupset-1 as an example):

```
<Value data="backupset-1" name="Name" type="string" />
```

1.Set Temporary Working Directory (example: /tmp):

```
<Value data="/tmp" name="Temporary Working Directory" type="string" />
```

2.Set Compression Type (Prefer Snappy for local optimization):

```
<Value data="SnappyDefaultCompression" name="Compression Type" type="string" />
```

3.Select Backup Source (e.g., /home/user/Documents):

```
<Key name="Selected Source" allowMultiple="Y">
```

```
 <Value data="/home/user/Documents" name="Path" type="string" />
```

```
</Key>
```

4.Exclude Files/Folders from Backup (Optional):

```
<Key name="Deselected Source" allowMultiple="Y">
```

```
 <Value data="/home/user/Documents/temp" name="Path" type="string" />
```

```
</Key>
```

5.Enable and Set Scheduled Backup (Optional):

```
<Value data="Y" name="Enable" type="boolean" />
```

SET THE TIME,DATE ETC BY YOURSELF

6.Set Destination for Local Backup:

```
<Key name="Destination Settings">
```

```
 <Value data="1" name="concurrency-level" type="integer" />
```

```
 <Key name="Local Destination Settings" allowMultiple="Y">
```

```
 <Value data="LocalBackup" name="Name" type="string" />
```

```
 <Value data="/backup/location" name="Local Path" type="string" />
```

```
 </Key>
```

```
</Key>
```

Save and exit Nano:

Press **CTRL + X**, then **Y**, then **Enter**.

**IF YOU SCHEDULED THE BACKUP.XML / IT WILL START BACKUP ON THE SCHEDULED TIME**

## Step 9: Import the Modified Backup Set

Run The RunConfigurator.sh by typing:

```
bash RunConfigurator.sh
```

Select:

4 (Import Backup Set Settings from XML)

```
Main Menu

(1). List Backup Sets
(2). Delete Backup Set
(3). Export Backup Set Settings to XML
(4). Import Backup Set Settings from XML
(5). Generate new Backup Set Settings Template
(6). Change Language [English]
(7). Update Profile Settings
(8). Quit

Your Choice: 4
```

Now, the **Local backup set** will appear in the backup list.

## Step 10: Encrypt the Backup Set

After saving the XML, the system will ask for **encryption**.  
Use your **user password** as the encryption key.

```
Reading xml...
Reading xml...Done
Verifying destination 'Local'...
New backup set created.
Enable Encryption (Y/N) ? Y

Choose Encryption Type

(1). Default
(2). User password
(3). Custom

Your Choice: 2
```

To verify the uploaded backup set settings are correct,  
select (1). List Backup Sets. Then select the backup set you have  
created

```
Main Menu

(1). List Backup Sets
```



- (2). Delete Backup Set
- (3). Export Backup Set Settings to XML
- (4). Import Backup Set Settings from XML
- (5). Generate new Backup Set Settings Template
- (6). Change Language [English]
- (7). Update Profile Settings
- (8). Quit

-----  
**Select a Backup Set to show more details**

-----  
**(1). BackupSet-1**

-----  
**Your Choice: 1**

**Name : BackupSet-1**

**Owner : localhost.localdomain**

**Type : FILE**

**Selected Source : /root/Documents**

**Deselected Source : /tmp**

**Destination Name : Local**

**Encryption Key : abcdefg**

**Encryption Algorithm : AES**

**Encryption Mode : CBC**

**Encryption Key Length: 256**

**Press Enter to continue...**

## Step 11: Run the Backup Manually

To start the backup:

```
root@debian:/usr/local/obm/bin# bash RunBackupSet.sh BackupSet-1
-
Using APP_HOME : /usr/local/obm
Using SETTING_HOME :
Using JAVA_HOME : /usr/local/obm/jvm
Using JAVA_EXE : /usr/local/obm/jvm/bin/java
Using JAVA_OPTS : -Xrs -Xms128m -Xmx2048m -XX:MaxDirectMemorySize=512m -clic
nt -Dsun.nio.PageAlignDirectMemory=true
Using JNI_PATH : -Djava.library.path=./Linux64
Using CLASSPATH : ../cb.jar
-
Running Backup Set - 'BackupSet-1' ...
█
```

**bash RunBackupSet.sh backupset-1**

```

[2025/03/24 17:30:13] [info] [-] Finished running post-commands
[2025/03/24 17:30:16] [info] [1742851487133] Deleting temporary file /tmp/1742851486701/Local@1742851487133
[2025/03/24 17:30:32] [info] [1742851487133] Total New Files = 64
[2025/03/24 17:30:32] [info] [1742851487133] Total New Directories = 71
[2025/03/24 17:30:32] [info] [1742851487133] Total New Links = 1
[2025/03/24 17:30:32] [info] [1742851487133] Total Updated Files = 0
[2025/03/24 17:30:32] [info] [1742851487133] Total Attributes Changed Files = 0
[2025/03/24 17:30:32] [info] [1742851487133] Total Deleted Files = 0
[2025/03/24 17:30:32] [info] [1742851487133] Total Deleted Directories = 0
[2025/03/24 17:30:32] [info] [1742851487133] Total Deleted Links = 0
[2025/03/24 17:30:32] [info] [1742851487133] Total Moved Files = 0
[2025/03/24 17:30:32] [info] [1742851487133] Total Dedupe Saving for this job = 0 B
[2025/03/24 17:30:32] [info] [1742851487133] Total Backup Data Size for this job = 24.76 MB
[2025/03/24 17:30:32] [info] [1742851487133] Total Dedupe Saving for destination = 0 B
[2025/03/24 17:30:32] [info] [1742851487133] Total Backup Data Size for destination = 24.76 MB
[2025/03/24 17:30:32] [info] [1742851487133] Total recycled file size = 0
[2025/03/24 17:30:32] [info] [1742851487133] Total recycled files = 0
[2025/03/24 17:30:32] [info] [1742851487133] Backup Completed Successfully
root@debian:/usr/local/obm/bin#

```

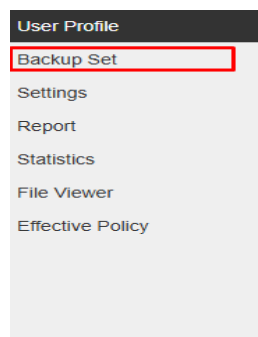
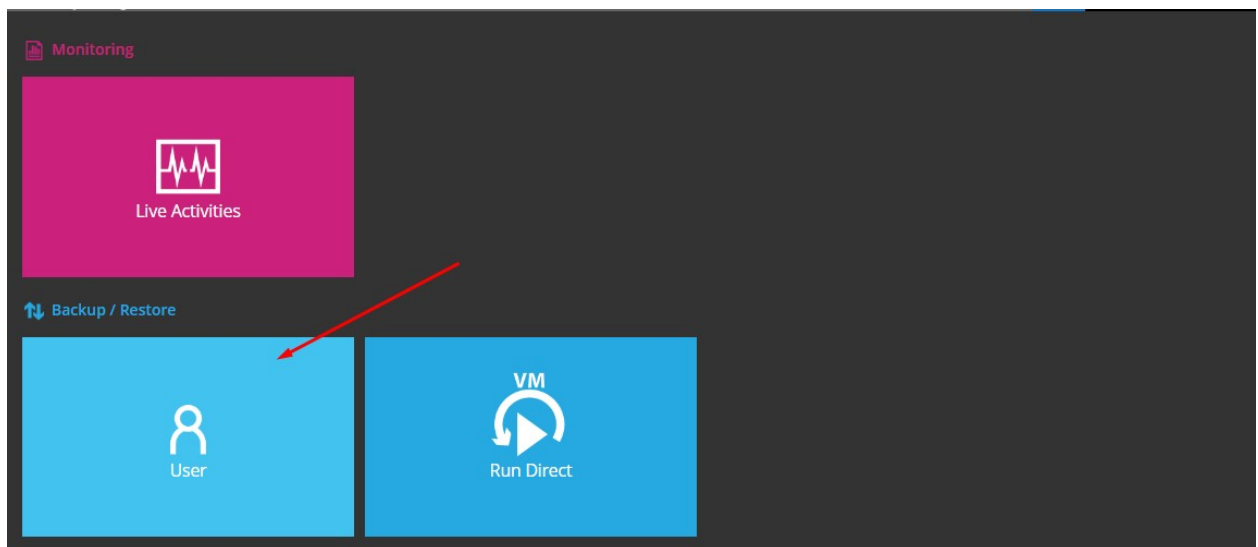
This will begin backing up data to the **local path** specified.

## Step 12: Preparing for Cloud Backup

Since **direct cloud backup via CLI** is not yet supported,

To switch from **local** to **cloud**:

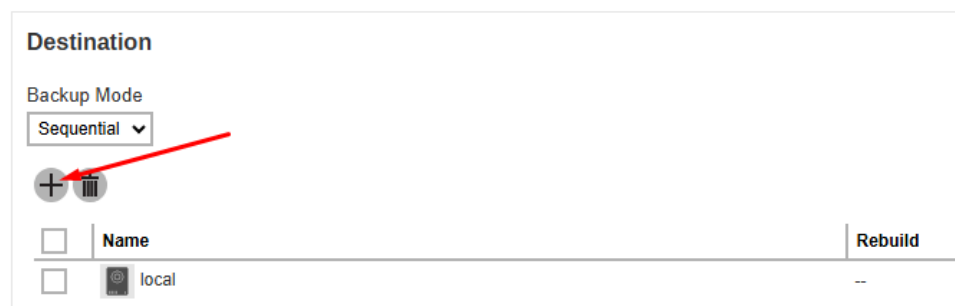
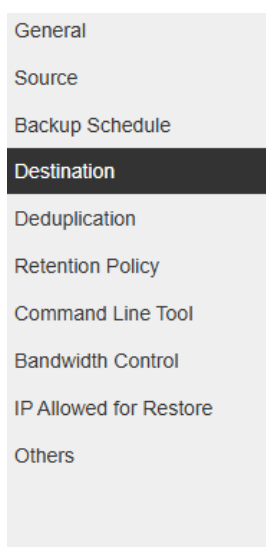
1. Log in to the [Customer Portal](#) >
2. Edit the backup set and update the destination



### Manage Backup Set ?



<input type="checkbox"/>	Name	Type	Version	Owner	Execute Job
<input type="checkbox"/>	test1 (1750496829084)		--	Router	--
<input type="checkbox"/>	default-backup-set-name-1 (1751474128198)		--	debian	--
<input type="checkbox"/>	default-backup-set-name-2 (1752683225091)		--	Router	--
<input type="checkbox"/>	mysql-test (1753455294509)		--	debian	--
<input type="checkbox"/>	mysql-prod-backup (1753462661989)		--	debian	--



## Add Destination

<input type="checkbox"/>	Name
<input type="checkbox"/>	 UK Storage

### Destination

Backup Mode

Sequential ▼



<input type="checkbox"/>	Name
<input type="checkbox"/>	 UK Storage
<input type="checkbox"/>	 local

## Step 13: Export the Backup Set from GUI to CLI

Return to the CLI, run:

**bash RunConfigurator.sh**

Select:

**3 (Export Backup Set Settings to XML)**

```
Main Menu

(1). List Backup Sets
(2). Delete Backup Set
(3). Export Backup Set Settings to XML
(4). Import Backup Set Settings from XML
(5). Generate new Backup Set Settings Template
(6). Change Language [English]
(7). Update Profile Settings
(8). Quit

```

Select the Backup set that was created by GUI

```
Select a Backup Set to show more details

(1). set-from-gui
(2). BackupSet-1

Your Choice:
```

This will export an XML file to:

`/home/<your-username>/.obm/config/backupSet.xml`

## Step 14: Modify the Exported XML for Cloud Backup

Open the exported XML:

`nano /home/<your-username>/.obm/config/backupSet.xml`

### Or Use Notepad or Mousepad

Modify:

- **Backup Name**
- **Schedule Settings**
- **Compression Type**
- **Destination should be UK Storage (Already Set by GUI)**

Save and exit.

## Step 15: Import the Modified XML

`bash RunConfigurator.sh`

Select:

#### 4 (Import Backup Set Settings from XML)

```
Main Menu

(1). List Backup Sets
(2). Delete Backup Set
(3). Export Backup Set Settings to XML
(4). Import Backup Set Settings from XML
(5). Generate new Backup Set Settings Template
(6). Change Language [English]
(7). Update Profile Settings
(8). Quit

Your Choice: 4
```

Now, the **cloud backup set** will appear in the backup list.

## Step 16: Run Cloud Backup

Execute the following command:

```
bash RunBackupSet.sh <backup-set-name>
```

This will start backing up the data.