

Installation Setup Guide for CentOS (CLI)

This guide explains the steps to set up and perform a file backup on CentOS. The process remains the same for other RHEL-based distributions like Red Hat Enterprise Linux (RHEL) and Rocky Linux.

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	<code>rpm</code> , <code>dnf</code> , <code>yum</code>
DEB Online Installer	Debian-based distributions (Ubuntu, Debian)	Ubuntu, Debian	<code>dpkg</code> , <code>apt</code>

Local Backup Steps

Step 2-12: Setting up and running a local backup

Cloud Backup Steps

Step 13+: Configuring and enabling cloud backup

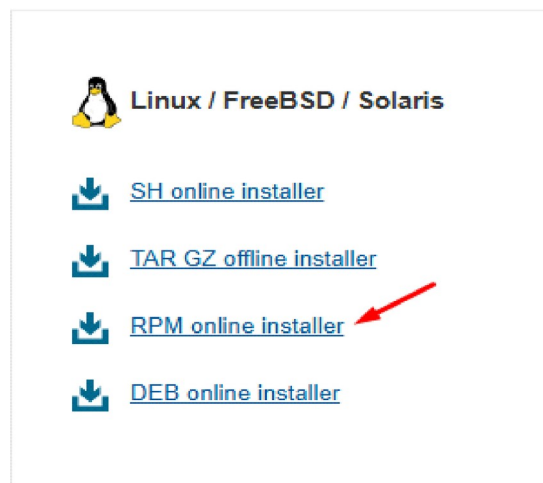
Step 1: Create Account & Download the Linux Client

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.

Download the Linux Client

Select the appropriate Linux version (.rpm for CentOS/RHEL/Rocky Linux).



Download the .rpm file.

Step 2: Install the Backup Client on CentOS

Open the terminal and enter:

su

Enter the root password when prompted.

a) Update System and Install wget

First, update your CentOS system Terminal and install wget:

[sudo yum update -y]

[sudo yum install -y wget]

```
[root@localhost ss]# yum install -y wget
```

b) Navigate to the Downloaded File

cd /path/to/downloaded/file (example)

c) Install the Be In The Cloud RPM Package

Run the following command to install the .rpm package:

[sudo rpm -ivh <name-of-file>.rpm]

```
[root@localhost ss]# rpm -ivh obm-linux-noarch-443-uk.onlinedatastorageuk.co.uk-
https-433140.rpm
Preparing... ##### [100%]
Updating / installing...
 1:obm-9.11.2.0-0 ##### [100%]
   Start install obm
Log Time: Sun Mar 23 03:43:20 PDT 2025
Checking host address... rpm -ivh obm-linux-noarch-443-uk.onlinedatastorageuk.co
.uk-https-433140.rpm
Host address: https://uk.onlinedatastorageuk.co.uk:443
Downloading file... jre-std-linux-amd64.tar.gz
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %             Dload  Upload   Total   Spent    Left   Speed
0  91.3M    0  399k    0     0  81695      0  0:19:32  0:00:05  0:19:27  81711
```

Replace <name-of-file>.rpm with the actual filename.

```
Download file completed
Untar component file to /tmp/_obm.250323034320
Backup user setting files
Backup finished
No previous version found
Install Application Path: /usr/local/obm
Restore Previous Setting backup...
Previous Setting backup restored
Done
Install obm finished
[root@localhost ss]#
```

d) Resolve Dependency Issues (If Any)

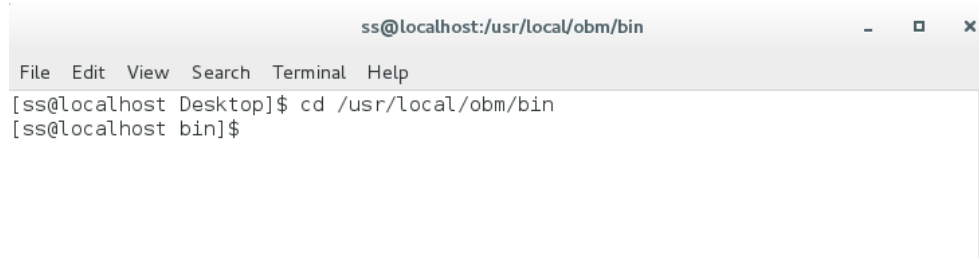
If you get dependency errors, use this command:

sudo yum install -y <name-of-file>.rpm

Step 3: 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 'ss@localhost:usr/local/obm/bin' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the command 'cd /usr/local/obm/bin' being entered and executed, changing the prompt from '[ss@localhost Desktop]\$' to '[ss@localhost bin]\$'.

Step 4: List Available Scripts

Check the available RunConfigurator `.sh` files by running:

```
ls
```

```
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 5: Run Configuration Tool

Start the setup process:

```
bash RunConfigurator.sh
```

```
[ss@localhost bin]$ bash RunConfigurator.sh
Startup BackupEverythingPro ...
User Configuration file not found
Create a new Configuration file at directory
[/home/ss/.obm/config]
```

```
Login Menu (No configuration files found)
```

- ```

(1). Login
(2). Quit

```

```
Your Choice: 1
```

## Step 6: 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.

```
[ss@localhost bin]$ bash RunConfigurator.sh
Startup BackupEverythingPro ...
User Configuration file not found
Create a new Configuration file at directory
[/home/ss/.obm/config]

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 7: 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 8: 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**

Main Menu

-----

- (1). List Backup Sets
- (2). Delete Backup Set
- (3). Export Backup Set Settings to XML
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- (6). Change Language [English]
- (7). Update Profile Settings
- (8). Quit

-----

Your Choice: 5

file successfully exported to /home/ss/.obm/config/backupSet.xml



# Step 9: 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 10: 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 11: Encrypt the Backup Set

After Import, the system will ask for **encryption**.  
Use your **User password** as the encryption key.

```
Do you want to enter the encryption key for this backup set? (Y/N) ? Y
Enter encryption key :
Re-enter encryption key :
```

. 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 12: Run the Backup Manually

To start the backup:

bash RunBackupSet.sh backupset-1

```
[ss@localhost 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 -cli
nt -Dsun.nio.PageAlignDirectMemory=true
Using JNI_PATH      : -Djava.library.path=../LinX64
Using CLASSPATH     : ../cb.jar
-
Running Backup Set - 'BackupSet-1' ...
█
tion = 0 B
[2025/03/24 19:14:58] [info] [-1693562423133] Total recycled file size = 0
[2025/03/24 19:14:58] [info] [-1693562423133] Total recycled files = 0
[2025/03/24 19:14:58] [info] [-1693562423133] Backup Completed Successfully
```

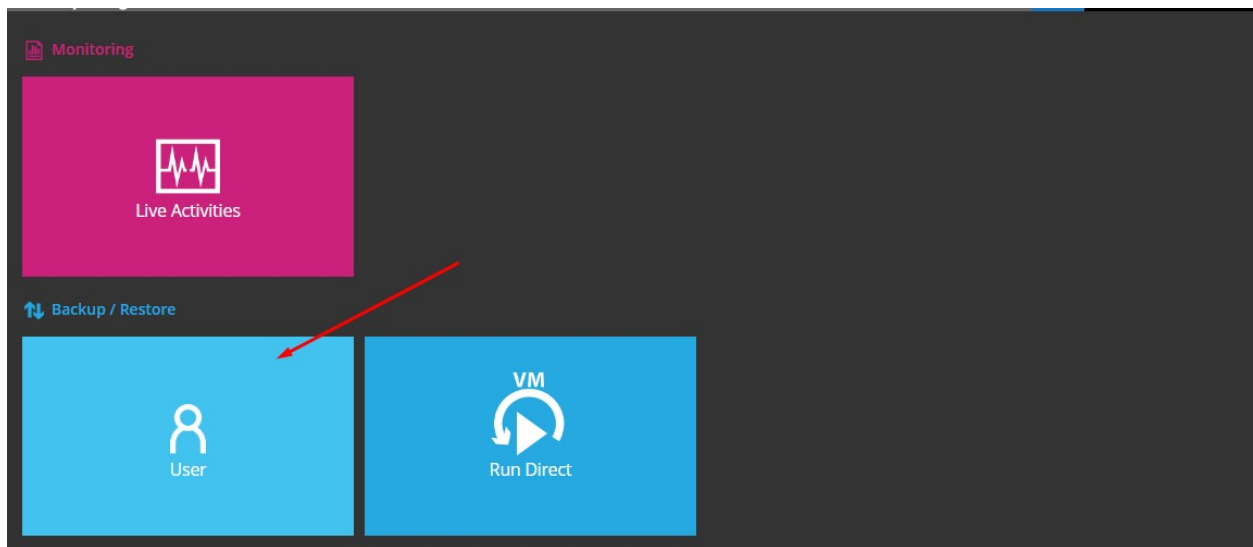
This will begin backing up data to the **local path** specified.

Step 13: 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 [Be In The Cloud 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 (1753462661980) | | -- | debian | -- |

- General
- Source
- Backup Schedule
- Destination**
- Deduplication
- Retention Policy
- Command Line Tool
- Bandwidth Control
- IP Allowed for Restore
- Others

Destination

Backup Mode
Sequential ▾


| <input type="checkbox"/> | Name | Rebuild |
|--------------------------|---|---------|
| <input type="checkbox"/> |  local | -- |



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 14: 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
-----
Your Choice: 3
```

Select the Backup set that was created by GUI

This will export an XML file to:

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

Step 15: 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 16: 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 17: Run Cloud Backup

Execute the following command:

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

This will start backing up the data.