

Online Backup Manager v7

Quick Start Guide for Windows

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1 Requirements for OBM on Windows

Hardware Requirements

To achieve the optimal performance when the Online Backup Manager (OBM) is running on your machine, the following hardware requirements list is the minimum and recommended:

CPU	Dual Core architecture or above
Memory	A Minimum of 2 GB - 4 GB or more is Recommended
Installation Space	Minimum 500MB
Network Protocol	TCP/IP
Java Version	Java 1.7u76 or above

2 Get Started with OBM

This quick start guide will walk you through the following 5 major parts to get you started with using OBM.

Download and Install

Download and install OBM on your Windows

Launch the App

Launch and log in to OBM

Create a Backup Set

Create a backup set according to your preferences

Run Backup Jobs

Run the backup jobs to back up data

Restore Data

Restore backed up data to your system

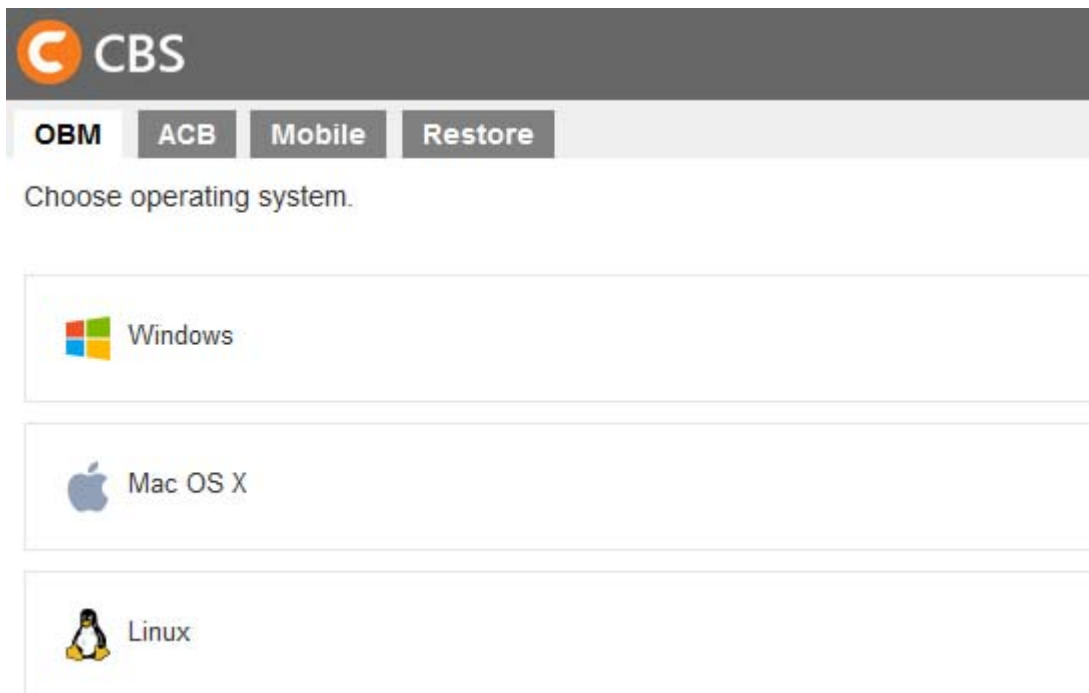
3 Download and Install OBM

Download OBM

1. In a web browser, navigate to <https://cluster.backupserver.cloud/>
2. Click the blue icon on the top right corner to open the download page for the OBM installation package file from the service provider's website.



3. In the **OBM** tab of the download page, you can choose the OBM installer by operating system.

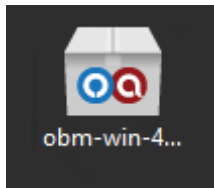


4. In the Windows section, click the **Download** icon to download the OBM installation package.

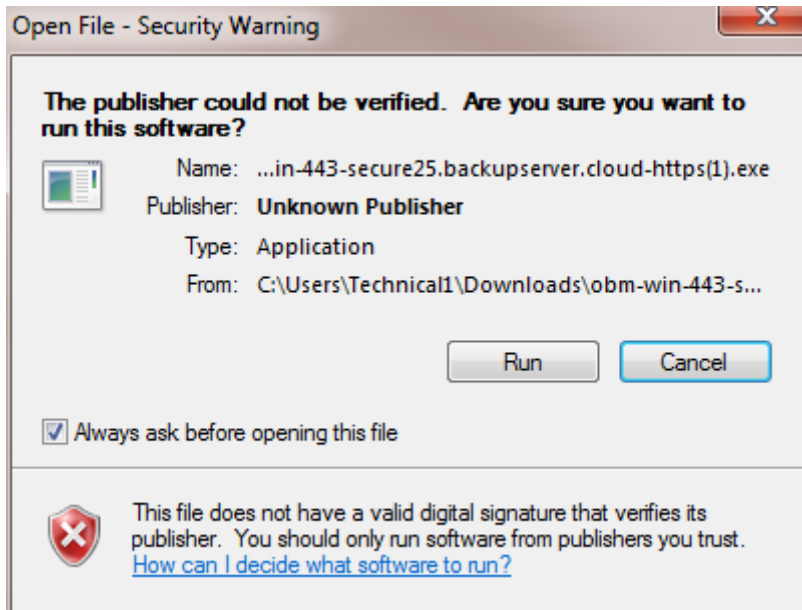


Install OBM

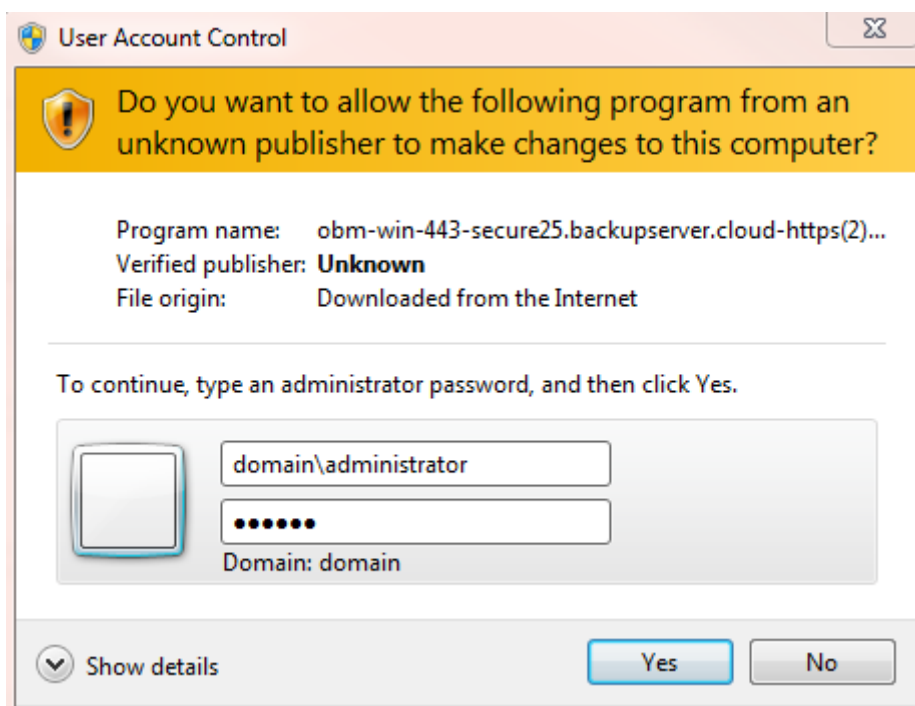
1. Launch the installation package file you have downloaded from the section above.



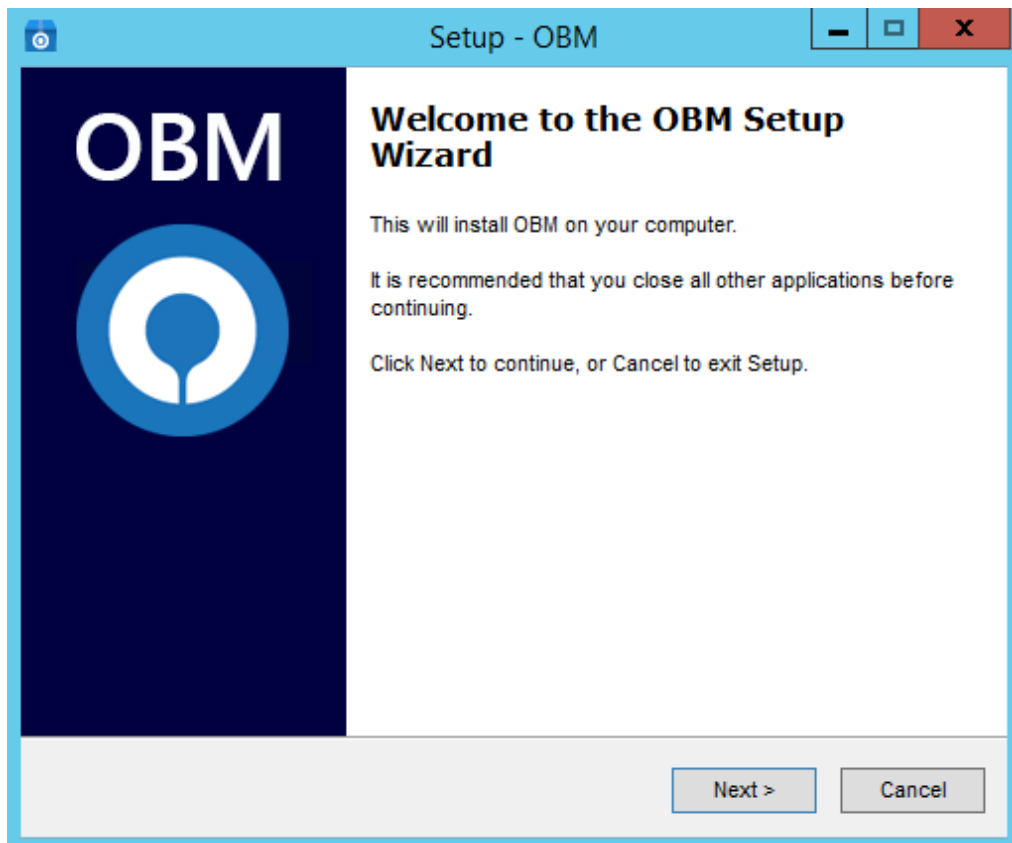
2. Click **Run** when you see this message.



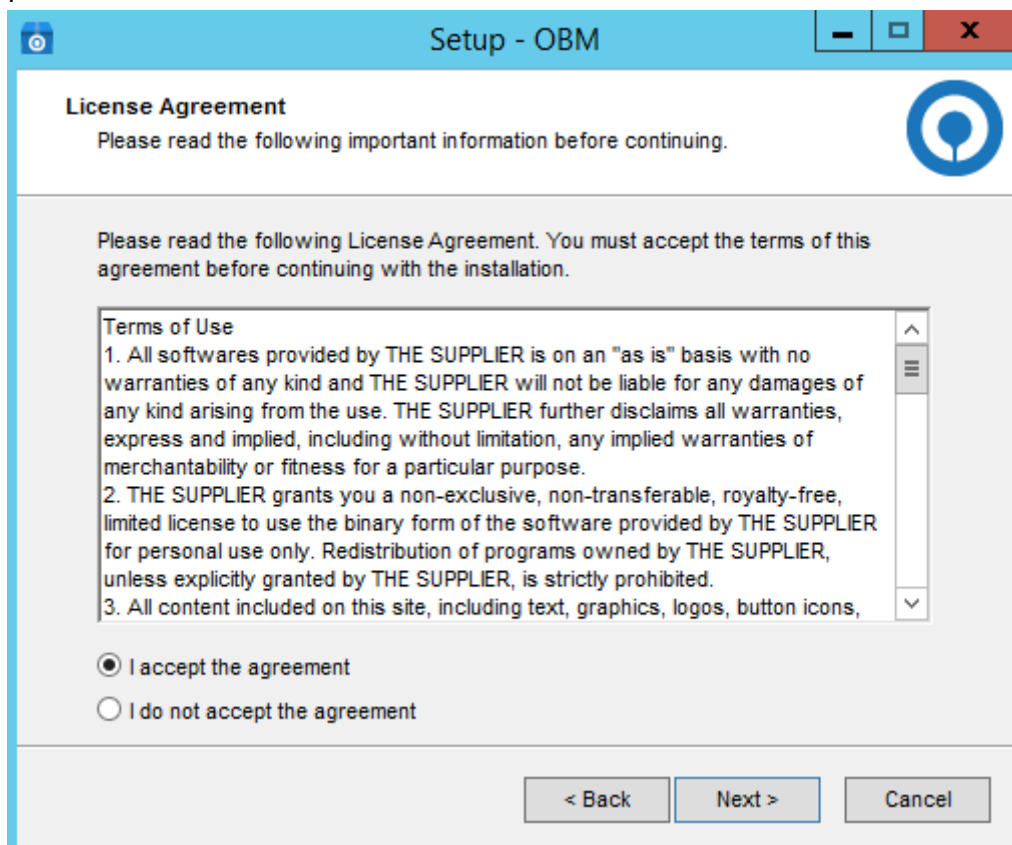
3. The following dialog box will appear only if User Account Control is enabled. Click **Continue** to start the installation.



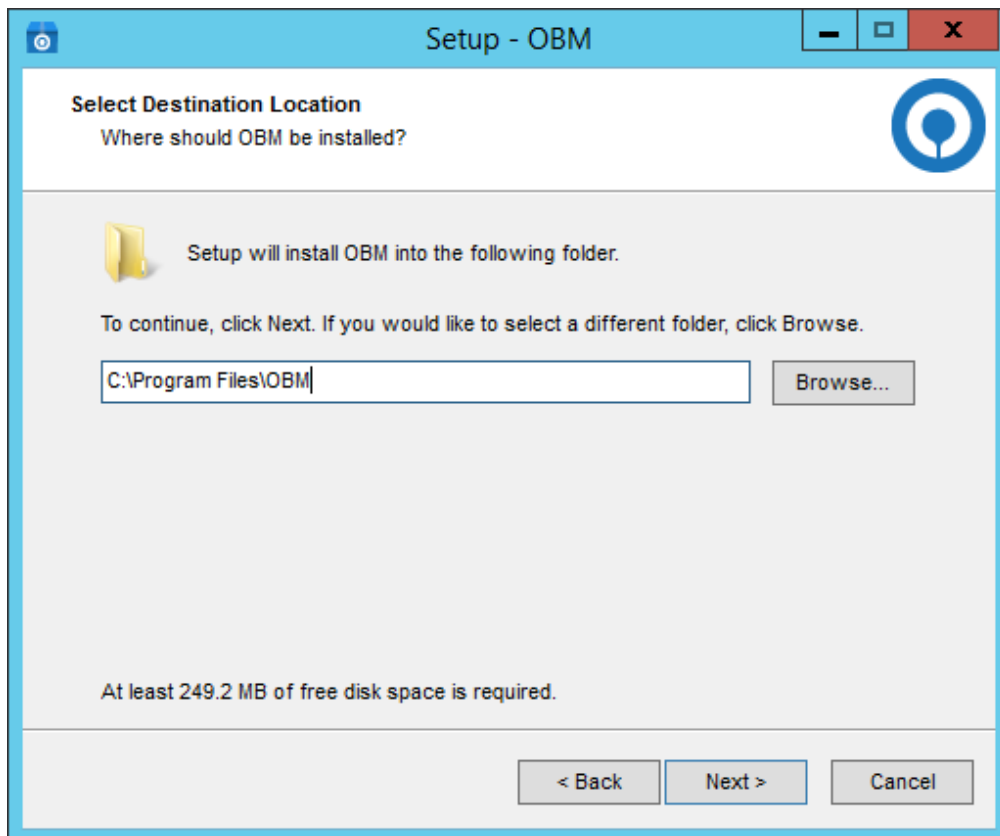
4. Click **Next** to continue.



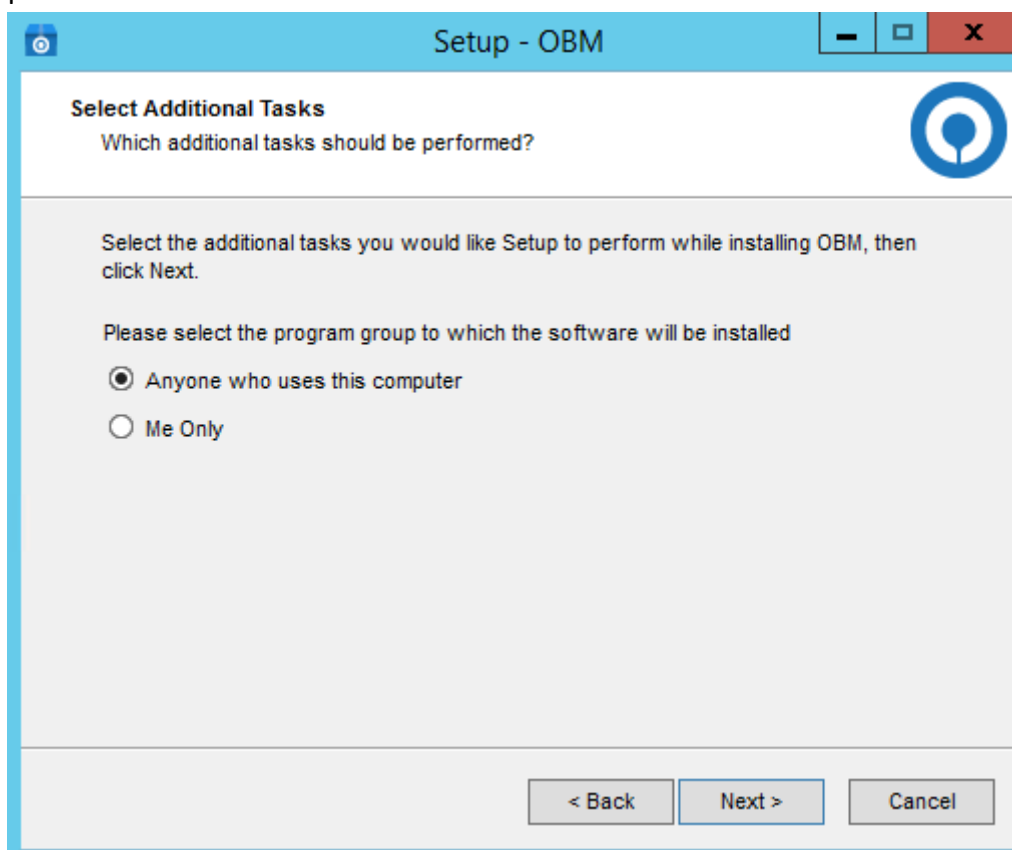
5. Select **I accept the agreement** after reading the license agreement. Then, click **Next** to proceed.



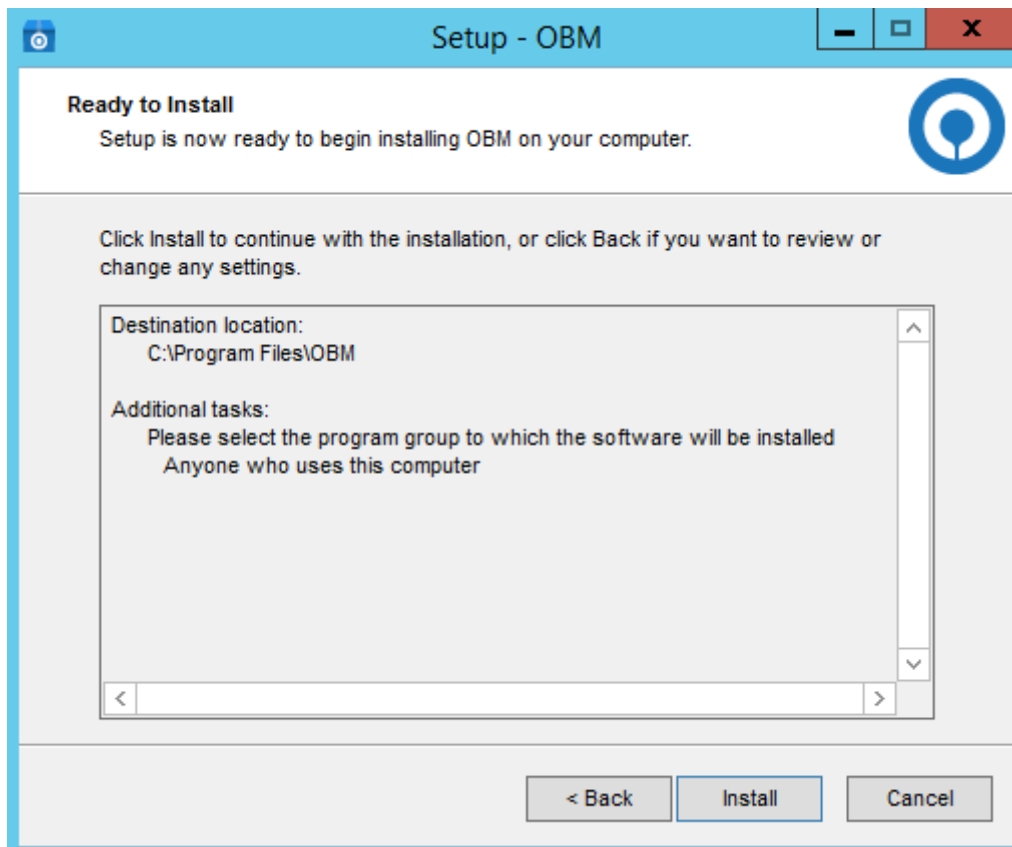
6. Choose the installation directory. Then, click **Next** to continue.



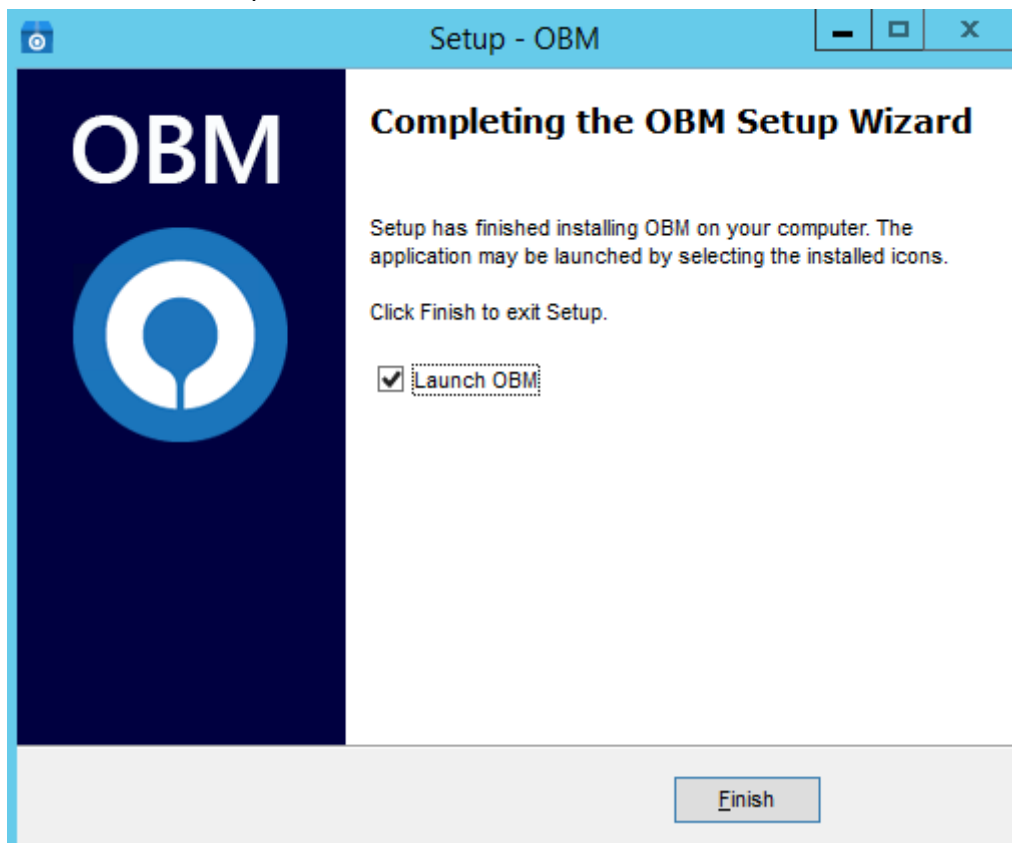
7. Select the program group to which the software will be installed. Then, click **Next** to proceed.



8. The installation will start after you click **Install**.



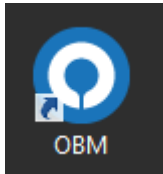
9. Click **Finish** to complete the installation.



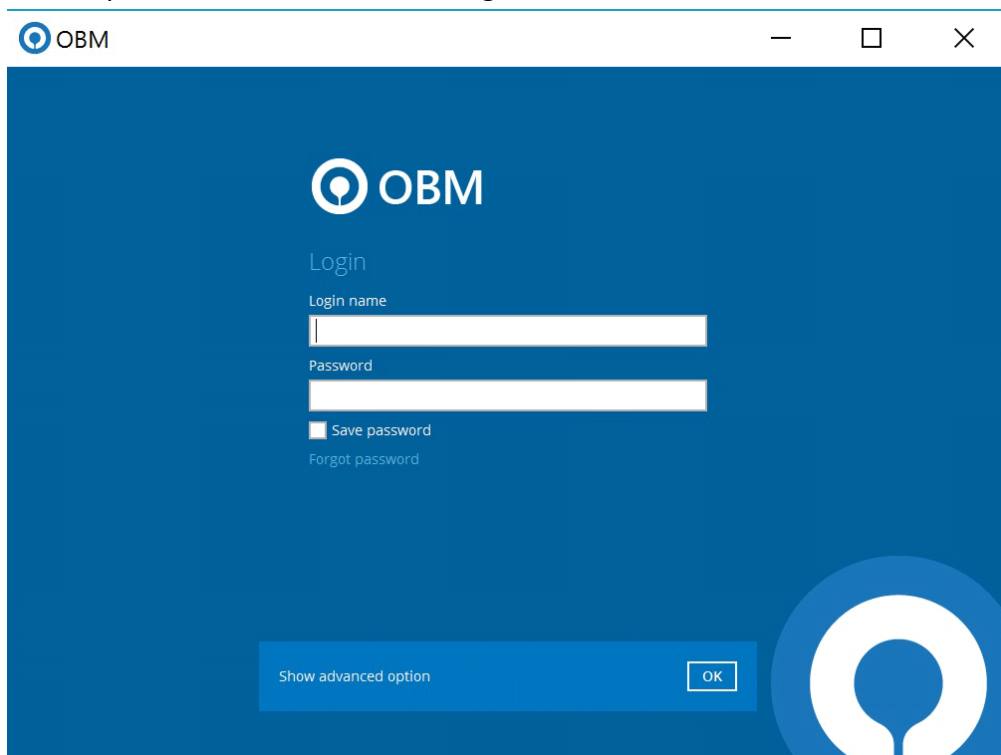
4 Start OBM

Login to OBM

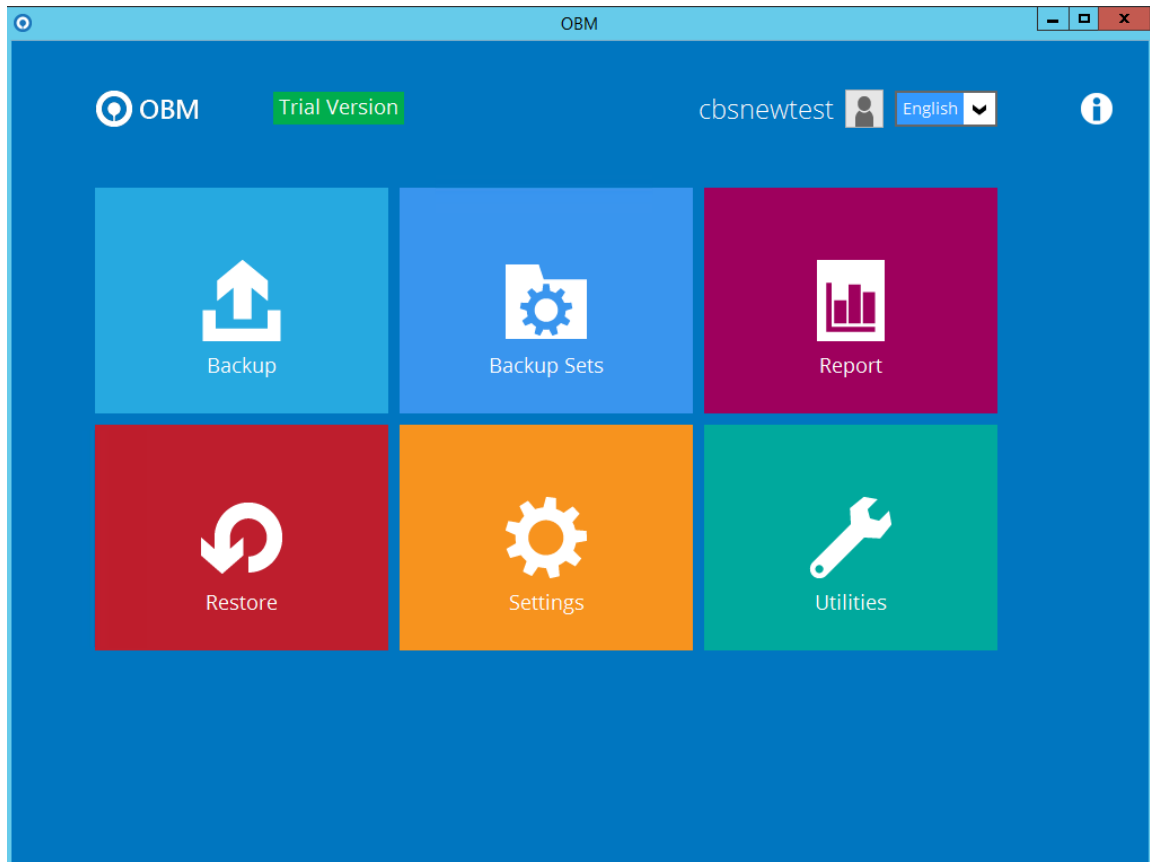
1. A shortcut icon of OBM will be available on your desktop after installation. Double-click the icon to launch the application.



2. Enter the login name and password of your OBM account provided by your backup service provider. Then, click **OK** to login.

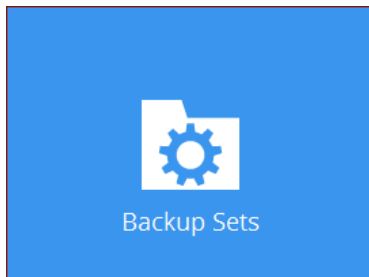


3. After successful login, the following screen will appear.

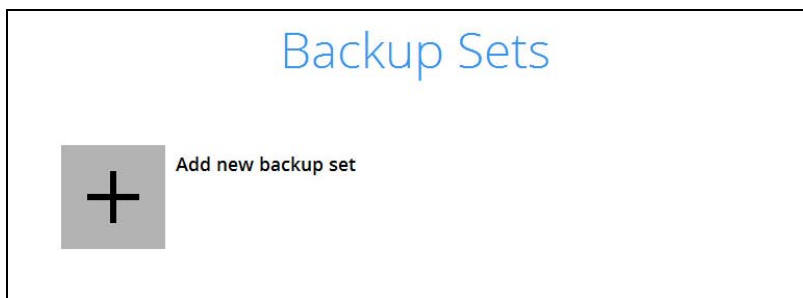


5 Create a Backup Set

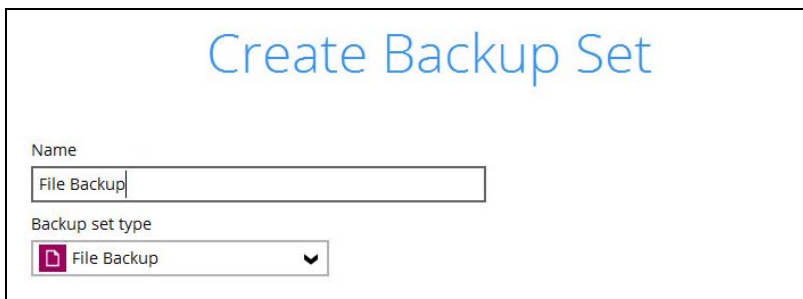
1. Click the **Backup Sets** icon on the OBM main interface.



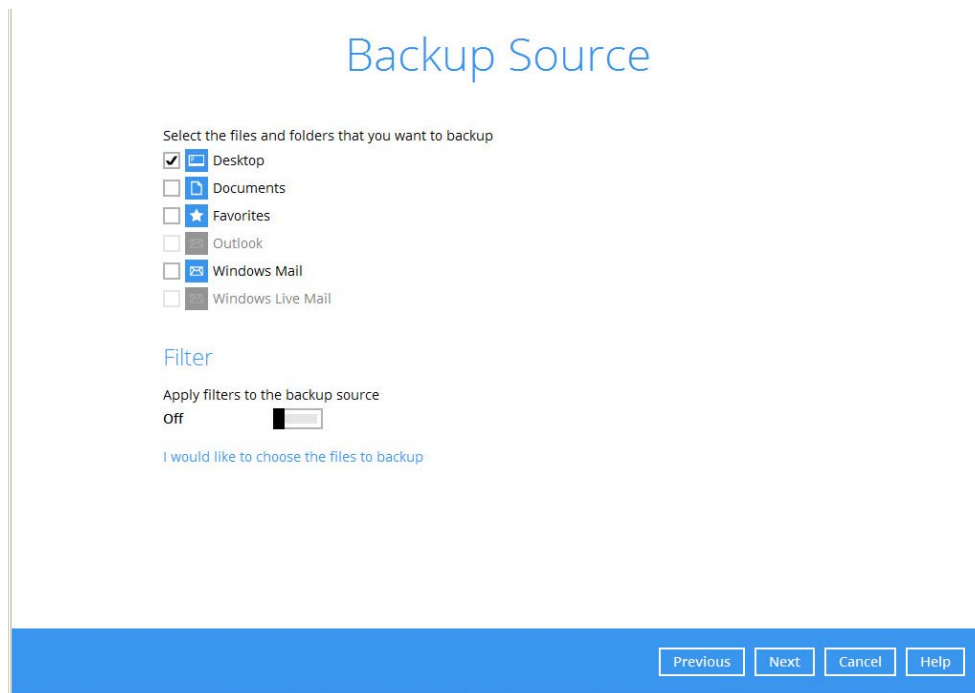
2. Create a new backup set by clicking the "+" icon next to **Add new backup set**.



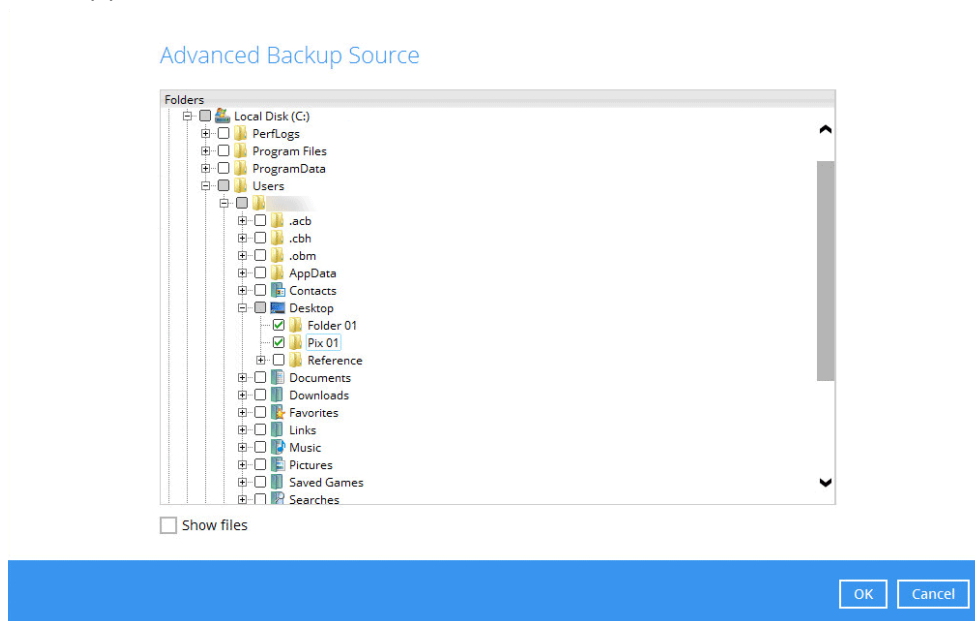
3. When the Create Backup Set window appears, name your new backup set and select the **Backup set type**. Then, click **Next** to proceed.

A screenshot of the "Create Backup Set" form. It has the title "Create Backup Set" in blue. Below the title, there is a "Name" label followed by a text input field containing "File Backup". Below that, there is a "Backup set type" label followed by a dropdown menu. The dropdown menu is open, showing a purple icon and the text "File Backup" with a downward arrow.

4. In the Backup Source window, select the files and folders for backup. Click **I would like to choose the files to backup** to select individual files for backup.

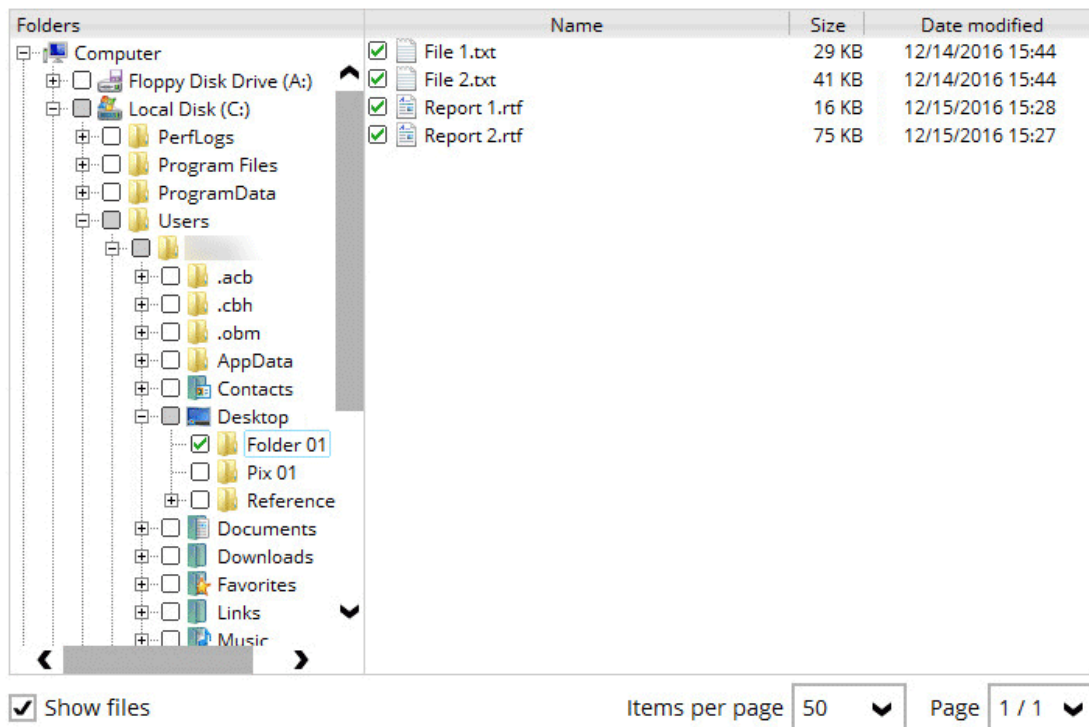


5. In the Advanced Backup Source window, select folder(s) to back up all files in the folder(s).



Alternatively, if you want to back up only specific files instead of all files in your selected folder(s), select the **Show files** checkbox at the bottom of the screen. A list of files will appear on the right hand side. Select the checkbox(s) next to the file(s) to back up. Then, click **OK** to save your selections and close the Advanced Backup Source window.

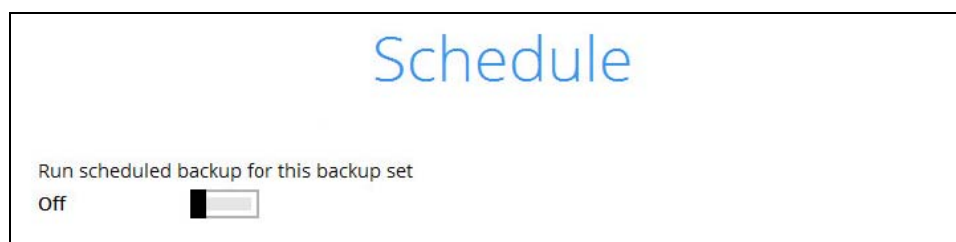
Advanced Backup Source



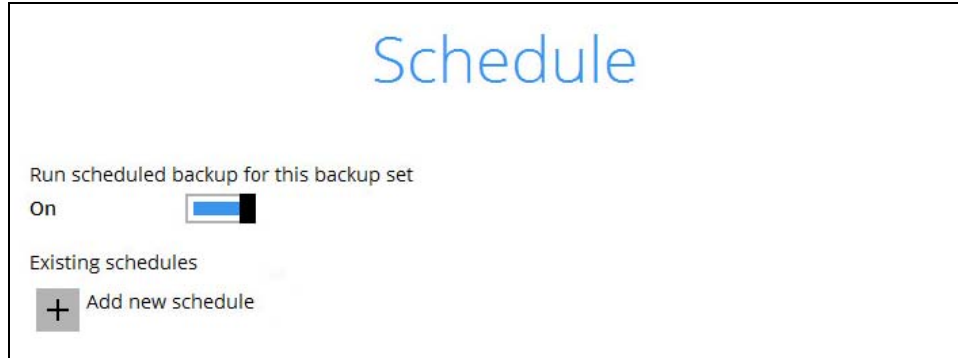
In the Backup Source window, click **Next** to proceed.

- When the Schedule window appears, you can configure a backup schedule to automatically run a backup job at your specified time interval.
- In the Schedule window, the Run scheduled backup for this backup set is **Off** by default.

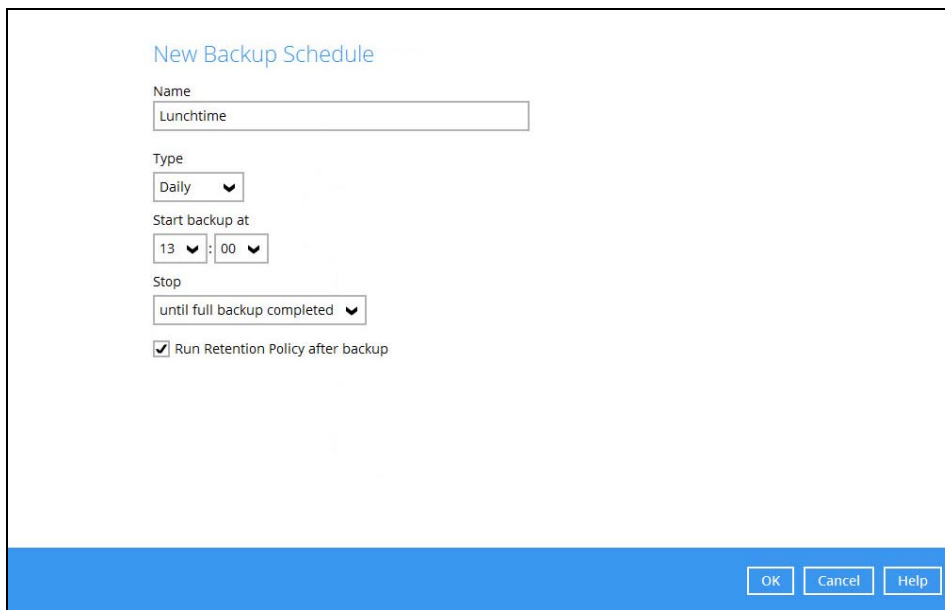
🔗 You can leave it as is if you want to add a schedule later.



- ❏ If you want to add a schedule now, switch **On** Run scheduled backup for this backup set. Then, click “+” next to Add new schedule.



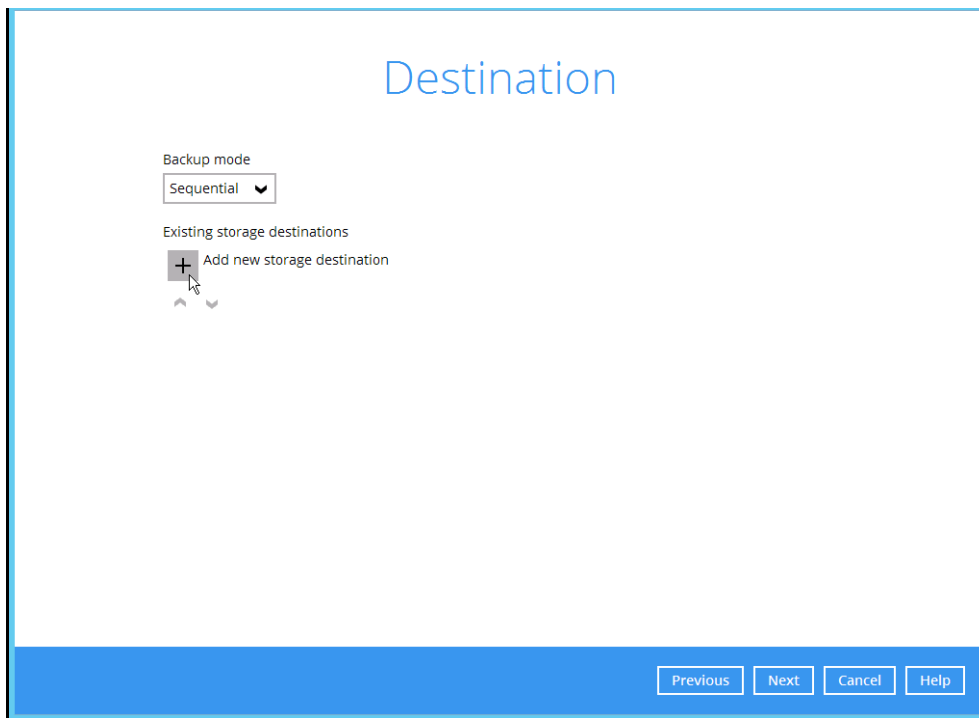
When the New Backup Schedule window appears, specify your backup schedule. Then, click **OK** to save your changes and close the New Backup Schedule window.



Note: For details about the options from the dropdown menus, please refer to chapter 7 [Configure Backup Schedule for Automated Backup](#).

8. In case you have added a schedule, it will be shown in the Schedule window. Click **Next** to proceed when you are done setting.

9. The Destination window will appear.



10. In the Destination menu select CBS or CBS & Local / Mapped Drive / Removable Drive.

11. You can add multiple storage destinations (e.g. CBS and Local USB Drive). The backup data will be uploaded to all the destinations you have selected in the order you added them. Press the ^ ▼ icon to alter the order. Click **Next** to proceed when you are done with the selection.

12. In the Destination window, your selected storage destination will be shown.



Click **Next** to proceed.

6 Encryption Options – **IMPORTANT – A MUST READ**

To apply encryption to data within a backup set you must first set “Encrypt Backup Data” to “On”.

There are two encryption options in version 7 OBM as there was in version 6 but the **MAJOR** change is how version 7 handles the “Default” and “Custom” options.

Default Encryption

Version 7 no longer uses the account login and password as the “Default” encryption setting on each backupset you create. Now when you select “Default” encryption the key is pre-set by the system.

Creating a backup set using “Default” means that the encryption key is stored locally on the machine where the OBM resides.

WARNING: This means that if a note of the encryption key is **NOT** taken and the machine the key(s) are on has a major failure VSL will **NOT** be able to provide the key.

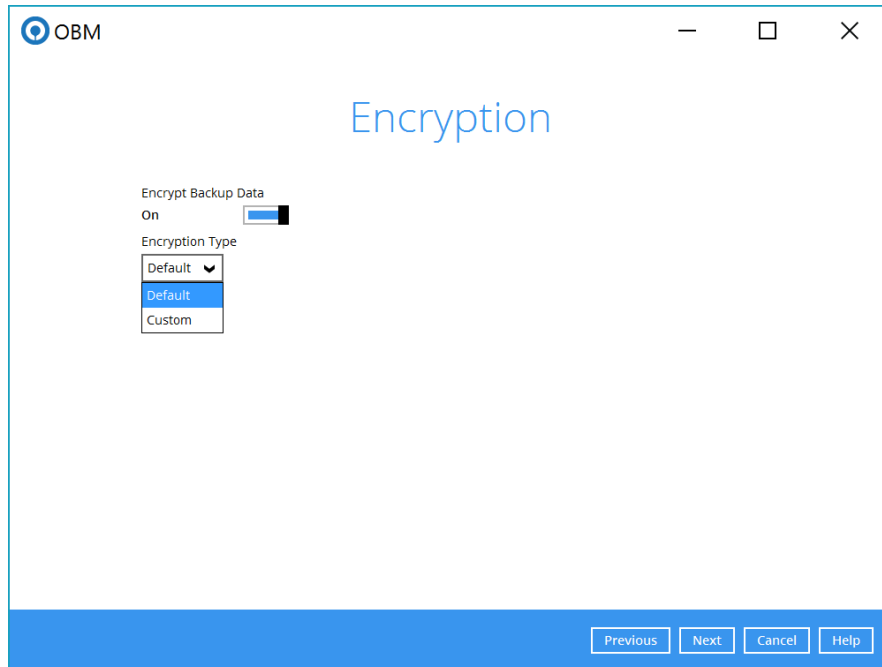
Custom Encryption

If you still want to use the software logon password as the encryption key this can be achieved by selecting “Custom” and entering the logon password in the two “Encryption key” fields provided.

The following screen shots and steps show how to complete the backup set creation and use both of the encryption options.

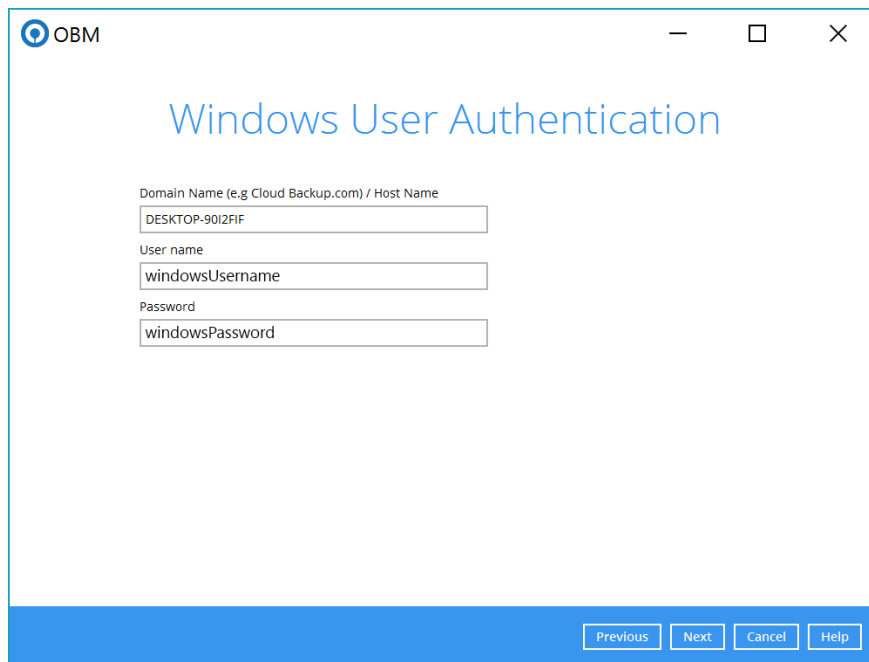
Default Encryption

1. After selecting “Default” from the drop down click “Next”.



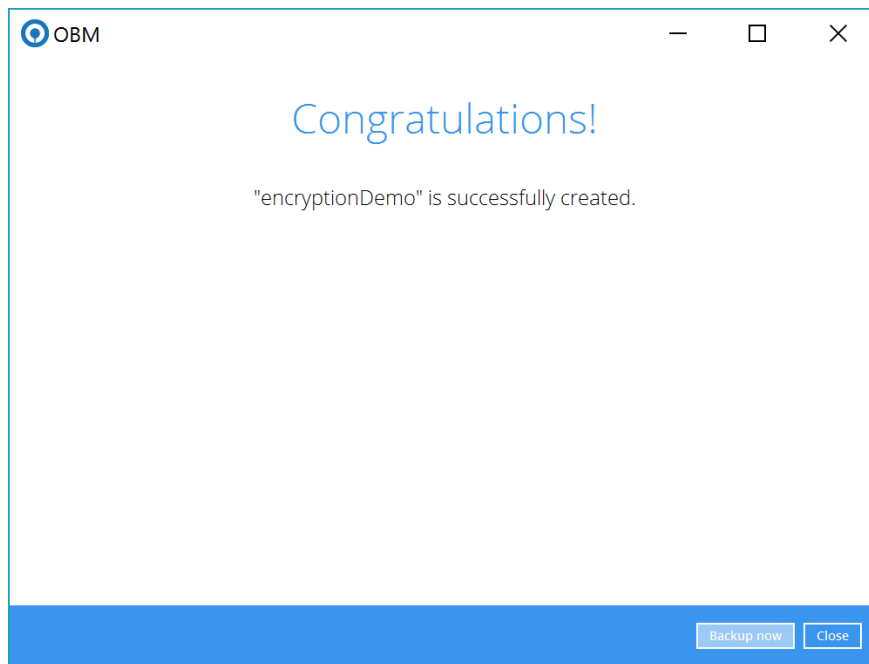
The screenshot shows the 'Encryption' window in the OBM application. The window has a blue header bar with the OBM logo and title. The main area is white with the word 'Encryption' in blue. Below it, there is a section for 'Encrypt Backup Data' with a toggle switch set to 'On'. Underneath, there is a dropdown menu for 'Encryption Type' with 'Default' selected. At the bottom, there is a blue bar with four buttons: 'Previous', 'Next', 'Cancel', and 'Help'.

2. In the Windows User Authentication enter the machine the OBM is loaded on Windows Username and Password.



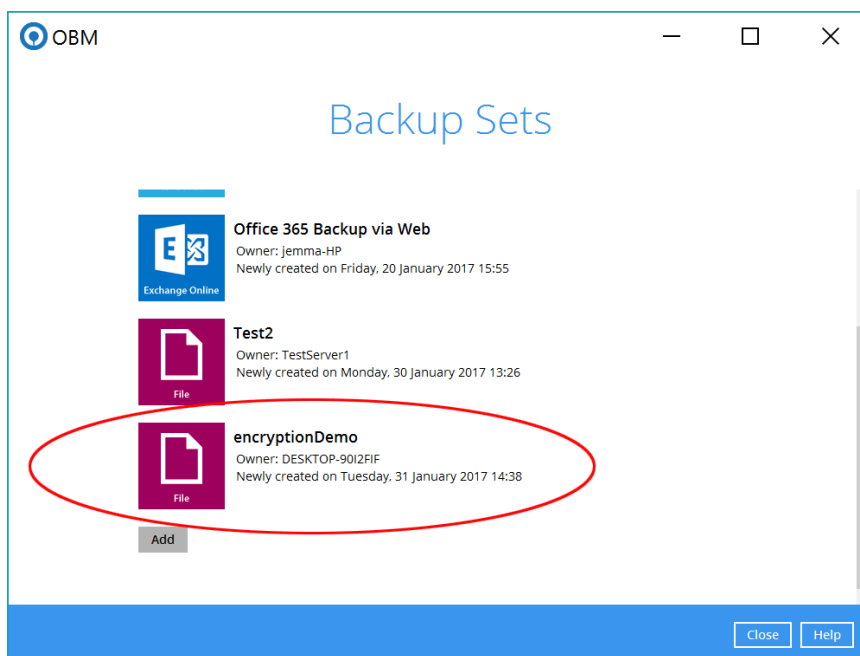
The screenshot shows the 'Windows User Authentication' window in the OBM application. The window has a blue header bar with the OBM logo and title. The main area is white with the text 'Windows User Authentication' in blue. Below it, there are three input fields: 'Domain Name (e.g Cloud Backup.com) / Host Name' with the value 'DESKTOP-9012FIF', 'User name' with the value 'windowsUsername', and 'Password' with the value 'windowsPassword'. At the bottom, there is a blue bar with four buttons: 'Previous', 'Next', 'Cancel', and 'Help'.

3. Click “Next” to complete the backup set creation process.

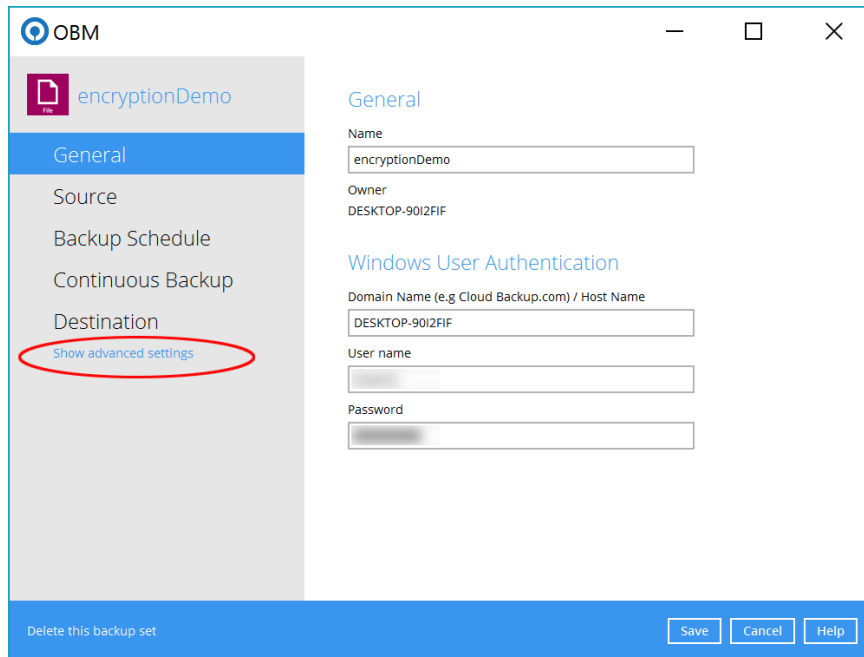


At this stage you can run a backup immediately but we **HIGHLY** recommend clicking "Close" to return to the "Backup Sets" screen and follow the steps below to locate and store safely the system generated encryption key. You can return to the backup set after you have stored the encryption key and run a manual backup if required.

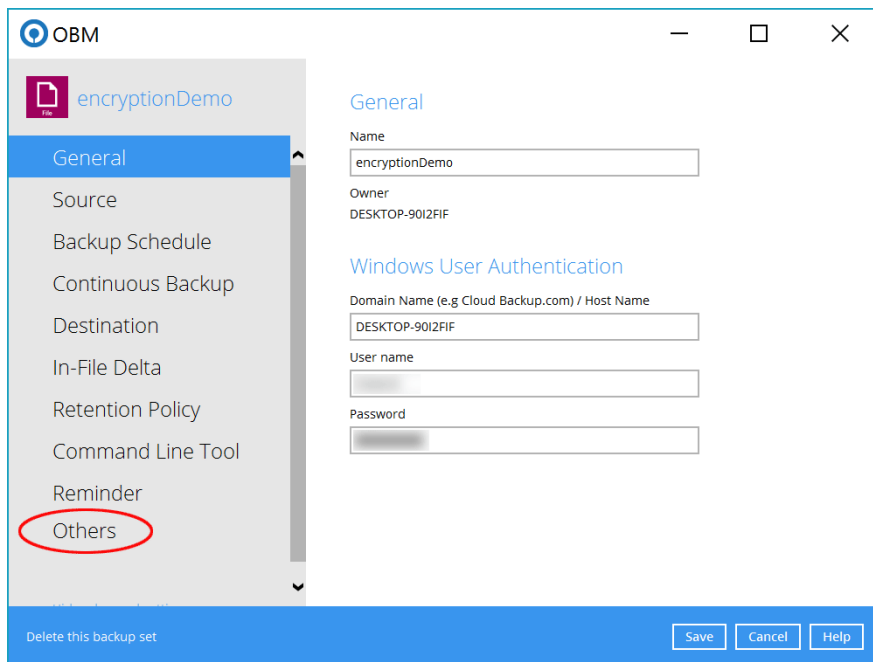
WARNING: If a note of the encryption key is **NOT** taken and the machine the key(s) are on has a major failure VSL will **NOT** be able to provide the key.



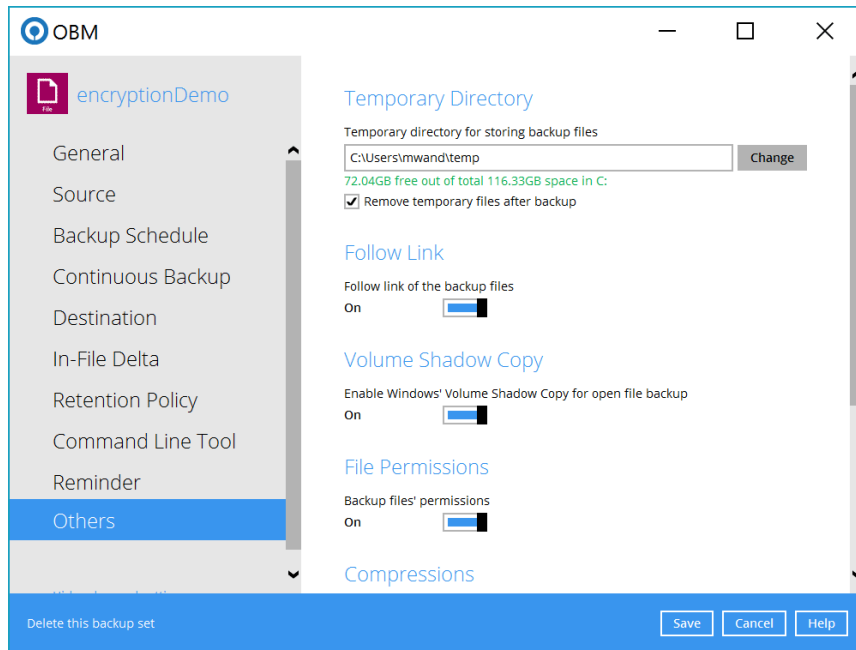
4. Double click the newly created backup set.



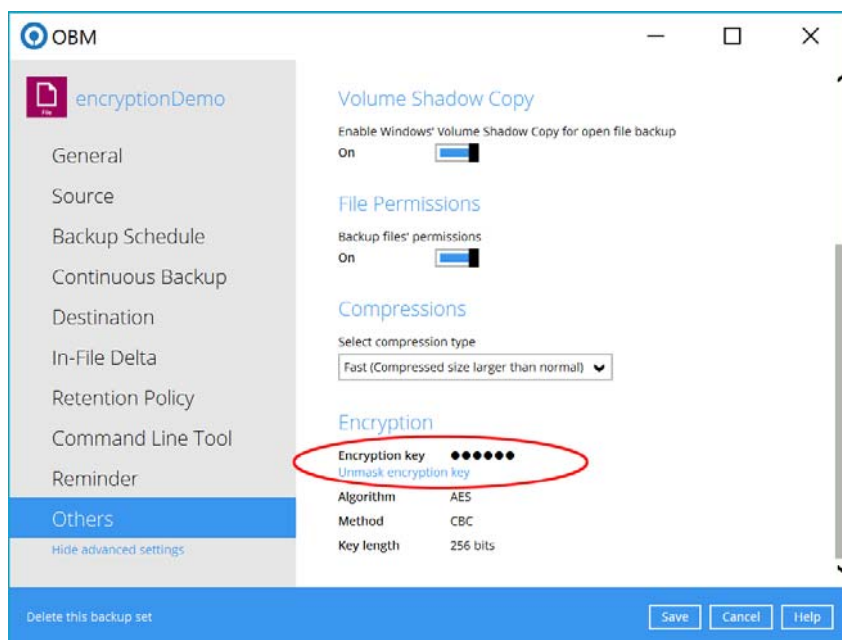
5. Click on “Show advanced settings”



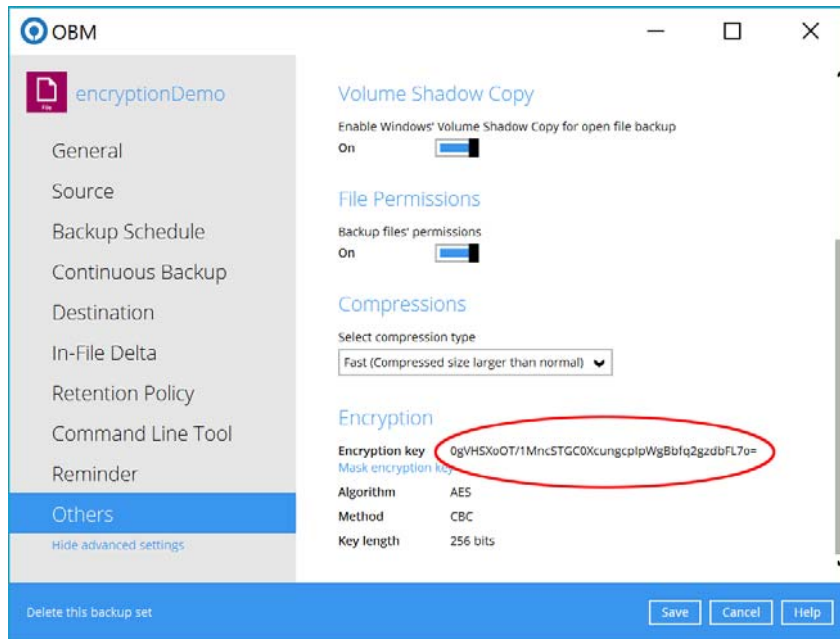
6. Click on “Others”



7. Scroll to the bottom of the right pane (shown above) to display the “Encryption Section”.



8. Click on “Unmask encryption key”



9. Copy and paste the unmasked encryption key to a safe and secure location.

WARNING: If a note of the encryption key is **NOT** taken and the machine the key(s) are on has a major failure VSL will **NOT** be able to provide the key.

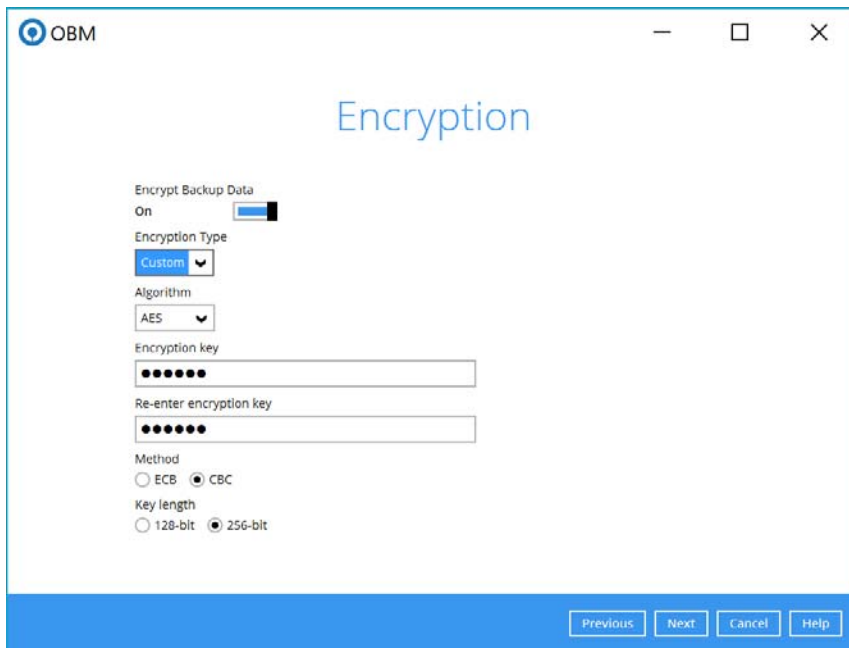
10. Click “Mask encryption key” to hide.

11. Click “Save”

Custom Encryption

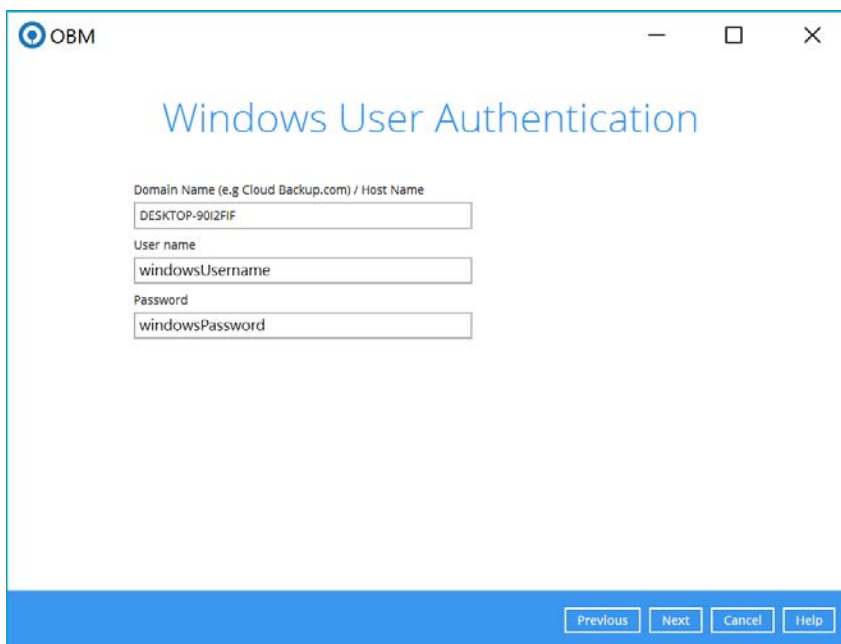
1. After selecting “Custom” from the drop down enter a custom key, this can be the password provided by us on the sign up email or a completely unique key only known to you. All other settings can remain the same. Once you have entered your encryption key click “Next”.

WARNING: If a note of unique encryption key is **NOT** taken and it is forgotten or lost VSL will **NOT** be able to provide the key.



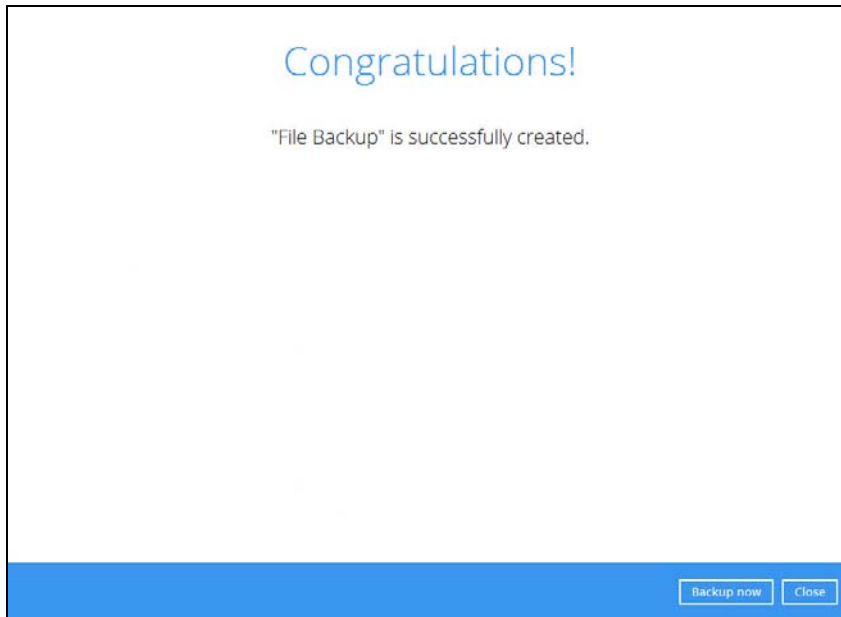
The screenshot shows the 'Encryption' window in the OBM application. The window has a title bar with the OBM logo and standard window controls. The main title 'Encryption' is centered. Below it, the 'Encrypt Backup Data' toggle is set to 'On'. The 'Encryption Type' dropdown is set to 'Custom'. The 'Algorithm' dropdown is set to 'AES'. There are two text input fields for the 'Encryption key' and 'Re-enter encryption key', both containing masked characters. The 'Method' section has two radio buttons: 'ECB' (unselected) and 'CBC' (selected). The 'Key length' section has two radio buttons: '128-bit' (unselected) and '256-bit' (selected). At the bottom, there are four buttons: 'Previous', 'Next', 'Cancel', and 'Help'.

2. In the Windows User Authentication enter the machine the OBM is loaded on Windows Username and Password.



The screenshot shows the 'Windows User Authentication' window in the OBM application. The window has a title bar with the OBM logo and standard window controls. The main title 'Windows User Authentication' is centered. Below it, there are three text input fields: 'Domain Name (e.g Cloud Backup.com) / Host Name' (containing 'DESKTOP-90I2RIF'), 'User name' (containing 'windowsUsername'), and 'Password' (containing 'windowsPassword'). At the bottom, there are four buttons: 'Previous', 'Next', 'Cancel', and 'Help'.

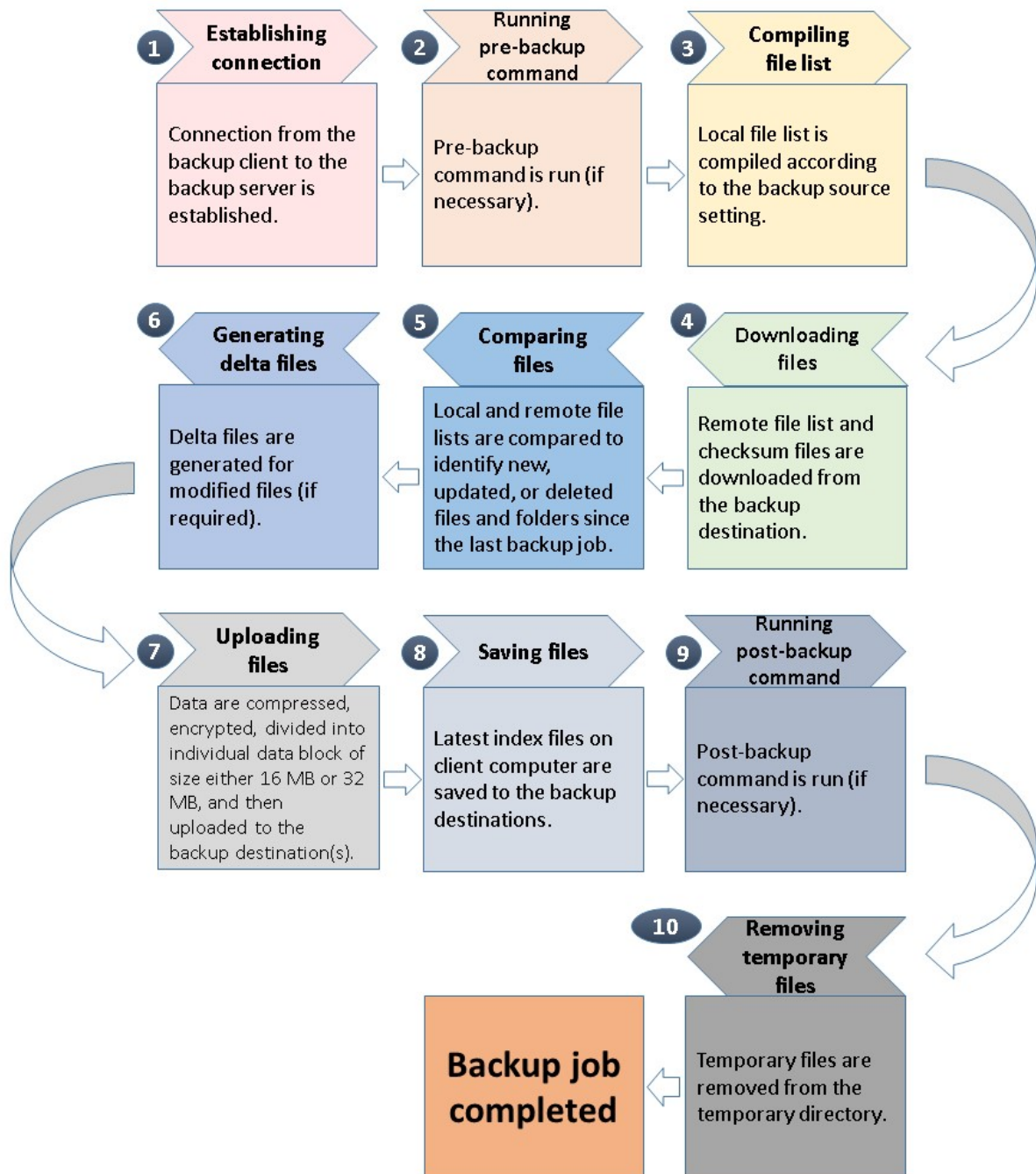
3. Click “Next” to complete the backup set creation process.



4. Upon successful creation of the backup set, the following screen will appear. You can click **Backup now** to back up your data or click **Close** to exit.

7 Overview on Backup Process

The following steps are performed during a backup job:



8 Run Backup Jobs

Login to OBM

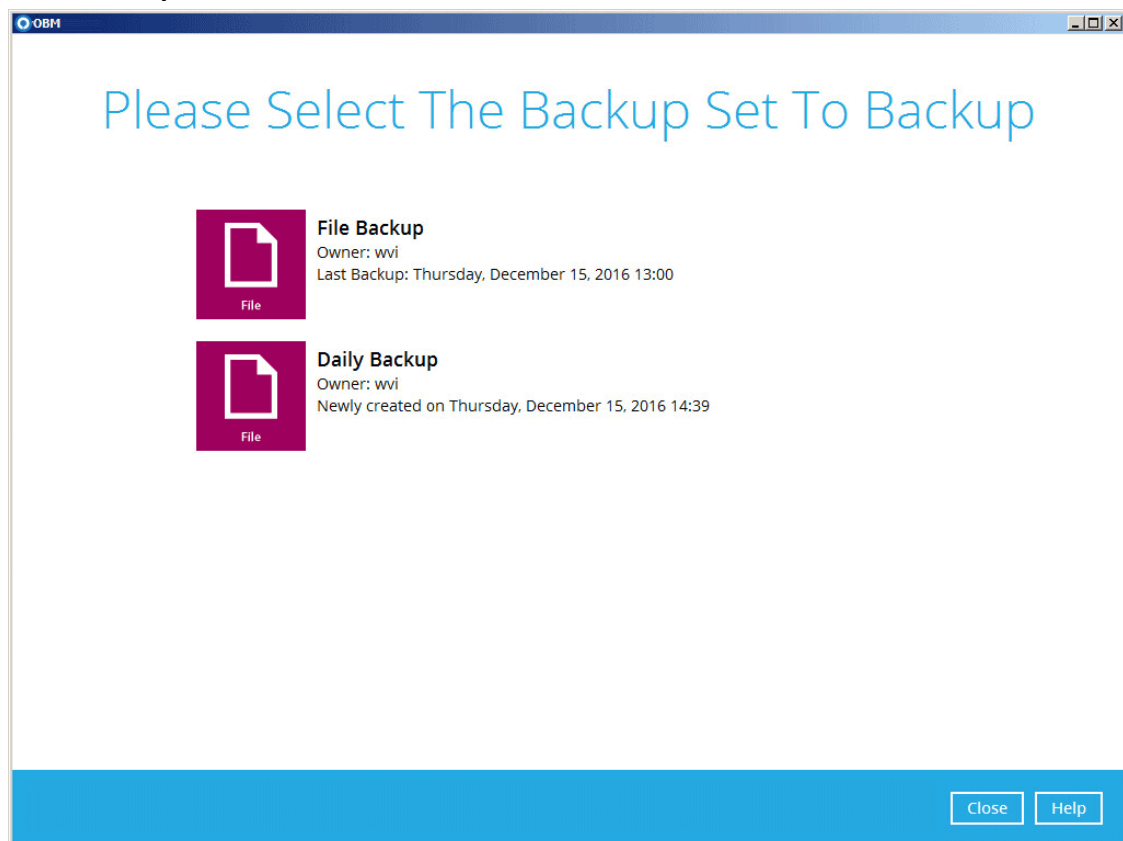
Login to the OBM application according to the instructions in section [4.1 Login to OBM](#).

Start a Manual Backup

1. Click the **Backup** icon on the main interface of OBM.



13. Select the backup set which you would like to start a backup for. In case you want to modify the In-File Delta type, Destinations and Retention Policy settings, click **Show advanced option**.



14. When advanced options are shown, it is recommended that you tick the checkbox next to **Run Retention Policy after backup** in the Retention Policy section at the bottom. This will help you save hard disk quota in the long run. In the In-File Delta type section,

the following three options are available:



File Backup

Backup set type
File

In-File Delta type
☒ Full
☐ Differential
☐ Incremental

Destinations
☒  CBS

Retention Policy
☒ Run Retention Policy after backup
[Hide advanced option](#)

- ⚙️ **Full** – A full backup captures all the data that you want to protect. When you run a backup job for the first time, OBM will run a full backup regardless of the in-file delta setting.
- ⚙️ **Differential** – A differential backup captures only the changes made as compared with the last uploaded full file only (i.e. changes since the last full backup, not since the last differential backup).
- ⚙️ **Incremental** – An incremental backup captures only the changes made as compared with the last uploaded full or delta file (i.e. changes since the last incremental backup).

15. Click **Backup** to start the backup job. The status will be shown.



CBS

[New File] C:\Users\Desktop\cbh-win.exe (50%)

Estimated time left 10 sec (41.12M)

Backed up 53.64M (56 files, 25 directories, 3 links)

Elapsed time 15 sec

Transfer rate 32.06Mbit/s



16. When the backup is completed, the progress bar will be green in color and the message “Backup Completed Successfully will appear.



CBS

✓ Backup Completed Successfully

Estimated time left 0 sec

Backed up 95.54M (57 files, 25 directories, 3 links)

Elapsed time 37 sec

Transfer rate 23.12Mbit/s



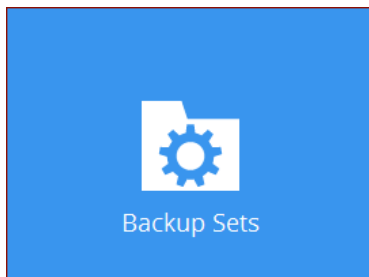
You can click the  **View** icon on the right hand side to check the log. A window will pop up to show the log. Click **Close** to exit the pop-up window.

Type	Log	Time
	Start [Windows]	12/15/2016 15:35:32
	Saving encrypted backup set encryption keys to server...	12/15/2016 15:35:32
	Start Backup ... [In-File Delta: Incremental]	12/15/2016 15:35:32
	Using Temporary Directory C:\Users\...	12/15/2016 15:35:32
	Start running pre-commands	12/15/2016 15:35:32
	Finished running pre-commands	12/15/2016 15:35:32
	Downloading server file list...	12/15/2016 15:35:32
	Downloading server file list... Completed	12/15/2016 15:35:33
	Start creating Shadow Copy Set...	12/15/2016 15:35:33
	Shadow Copy Set successfully created	12/15/2016 15:35:35
	Reading backup source from hard disk...	12/15/2016 15:35:35
	[New Directory]... C:\	12/15/2016 15:35:35
	[New Directory]... C:\Users	12/15/2016 15:35:36
	[New Directory]... C:\Users\Public	12/15/2016 15:35:36
	[New Directory]... C:\Users\Public\Desktop	12/15/2016 15:35:36
	[New Directory]... C:\Users\...	12/15/2016 15:35:36
	[New Directory]... C:\Users\...	12/15/2016 15:35:36
	[New Directory]... C:\Users\...	12/15/2016 15:35:36
	[New Directory]... C:\Users\...	12/15/2016 15:35:36
	[New Directory]... C:\Users\...	12/15/2016 15:35:36
	[New Directory]... C:\Users\...	12/15/2016 15:35:36
	[New Directory]... C:\Users\...	12/15/2016 15:35:36
	[New File]... 100% of "C:\Users\Public\Desktop\..."	12/15/2016 15:35:36

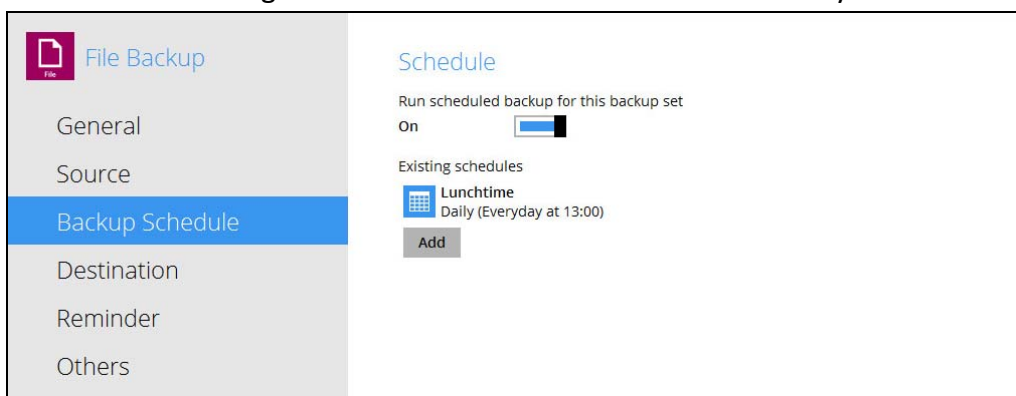
Logs per page 50 Page 1 / 3

Configure Backup Schedule for Automated Backup

1. Click the **Backup Sets** icon on the OBM main interface.



2. All backup sets will be listed. Select the backup set that you would like to create a backup schedule for. A screen will pop up, showing the General tab.
3. Go to the **Backup Schedule** tab. In case Run scheduled backup for this backup set is off, switch it **On**. Existing schedules will be listed at the bottom if any.



4. Click **Add** to add a backup schedule. The New Backup Schedule window will appear.

New Backup Schedule

Name
Daily-1

Type
Daily

Start backup at
14 : 52

Stop
until full backup completed

☐ Run Retention Policy after backup

OK Cancel Help

5. In the New Backup Schedule window, you can configure your backup schedule settings. To save hard disk quota in the long run, it is recommended that you tick the checkbox next to **Run Retention Policy after backup** at the bottom. The rest of the setting options will vary by which option you choose from the **Type** dropdown menu:

 Daily – when to start the backup job

New Backup Schedule

Name
Dayend

Type
Daily

Start backup at
18 : 00

Stop
until full backup completed

☒ Run Retention Policy after backup

OK Cancel Help

- ⚙️ **Weekly** – which day of the week and what time that day to start the backup job

New Backup Schedule

Name
Weekend

Type
Weekly

Backup on these days of the week
☐ Sun ☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☒ Sat

Start backup at
23 : 00

Stop
until full backup completed

☒ Run Retention Policy after backup

- ⚙️ **Monthly** – which day of the month and what time that day to start the backup job

New Backup Schedule

Name
Monthly Closing

Type
Monthly

Backup on the following day every month
☒ Day Last
☐ First Sunday

Start backup at
23 : 59 on the selected days

Stop
until full backup completed

☒ Run Retention Policy after backup

- ⚙️ **Custom** – which particular date to start a one-off backup job

New Backup Schedule

Name
New Year Eve

Type
Custom

Backup on the following day once
2016 December 31

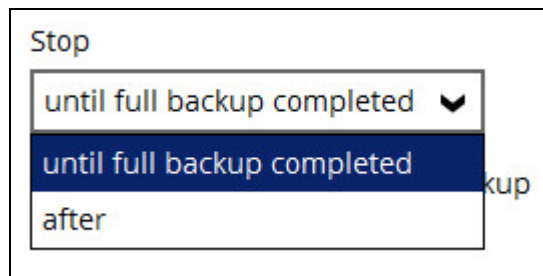
Start backup at
23 : 59

Stop
until full backup completed

☒ Run Retention Policy after backup

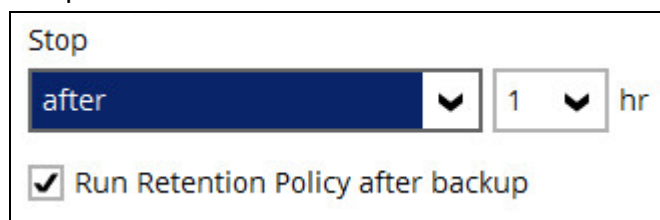
The **Stop** dropdown menu offers two options:

- ⦿ **until full backup completed** – in case you prefer a complete backup



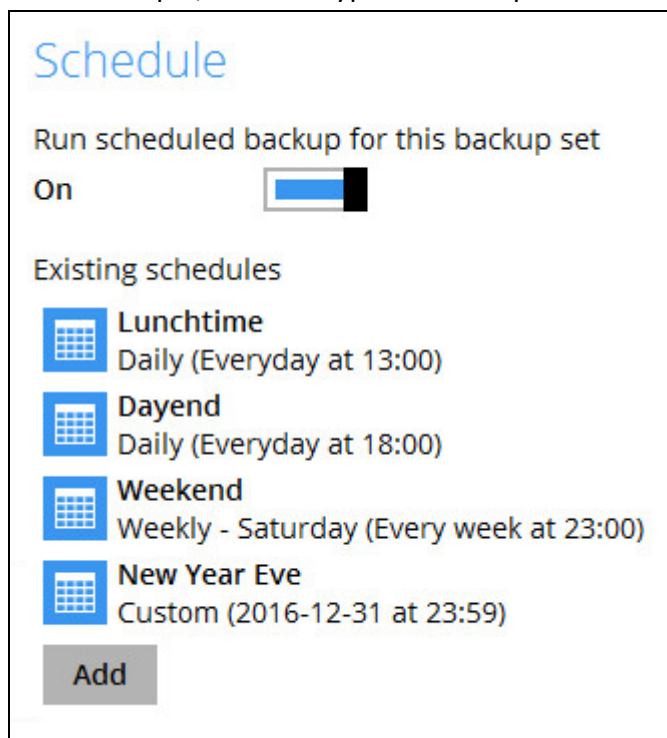
A screenshot of a 'Stop' dropdown menu. The menu is open, showing three options: 'until full backup completed' (selected with a dark blue background), 'until full backup completed' (highlighted in white), and 'after' (highlighted in white). The word 'Stop' is at the top of the dropdown.

- ⦿ **after [how many] hr** – in case you prefer the backup job to stop after a certain number of hours regardless of whether or not the backup job is complete



A screenshot of a 'Stop' dropdown menu. The menu is open, showing three options: 'until full backup completed' (highlighted in white), 'until full backup completed' (highlighted in white), and 'after' (selected with a dark blue background). To the right of the 'after' option is a dropdown menu showing '1' and a unit 'hr'. Below the dropdown menu is a checkbox labeled 'Run Retention Policy after backup' which is checked.

As an example, the four types of backup schedules may look like the following.



A screenshot of a 'Schedule' dialog box. The title is 'Schedule'. Below the title is the text 'Run scheduled backup for this backup set'. Underneath is a section labeled 'On' with a calendar icon. Below that is a section labeled 'Existing schedules' with a list of four schedules: 'Lunchtime' (Daily (Everyday at 13:00)), 'Dayend' (Daily (Everyday at 18:00)), 'Weekend' (Weekly - Saturday (Every week at 23:00)), and 'New Year Eve' (Custom (2016-12-31 at 23:59)). At the bottom is an 'Add' button.

6. Click **Save** to confirm your settings. Then, click **Close** to exit Backup Sets.

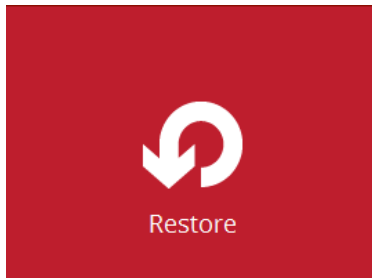
9 Restore Data

Login to OBM

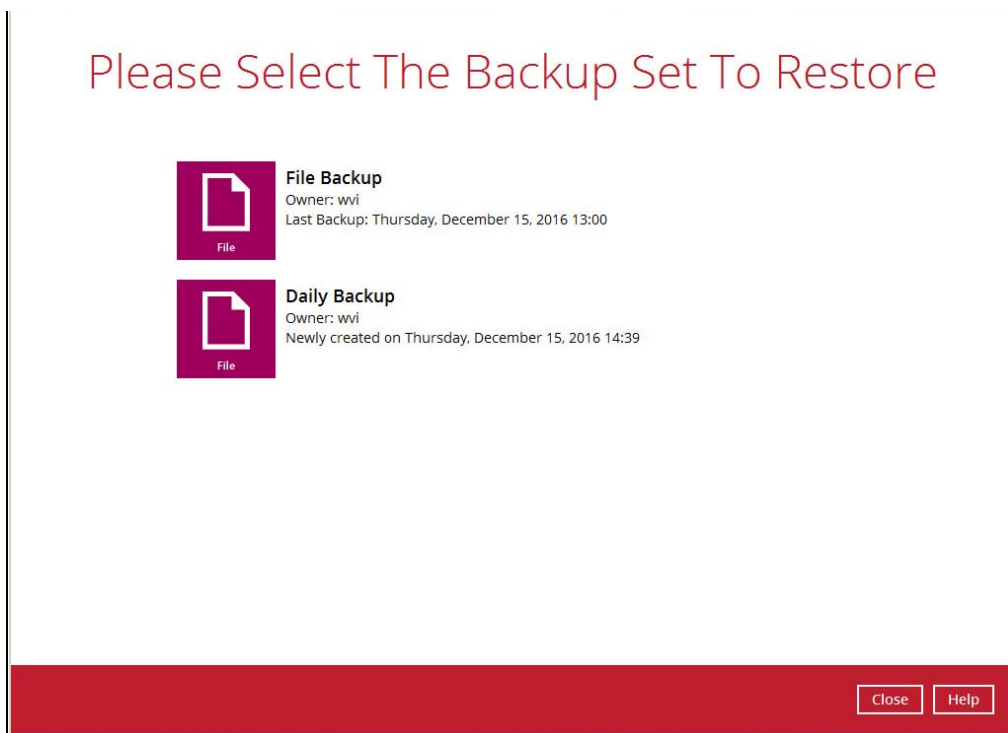
Log in to the OBM application according to the instructions in section [4.1 Login to OBM](#).

Restore Data

1. Click the **Restore** icon on the OBM main interface.



2. All the available backup sets for restore will be listed. Select the backup set that you would like to restore data from.



3. Select where you would like to restore your data from.



4. Select to restore files from a specific backup job, or from all files available, then select the files or folders that you would like to restore.

There are two options from the **Select what to restore** drop-down menu:

- ⚙️ **Choose from files as of job** – This option allows you to select a backup version from a specific date and time to restore.

Three screenshots of the 'Select what to restore' interface:

- Screenshot 1:** The 'Select what to restore' dropdown menu is open, showing 'Choose from files as of job' (selected), 'Choose from files as of job', and 'Choose from ALL files'. The date is '11/25/2016' and the time is 'Latest'.
- Screenshot 2:** The date '11/25/2016' is selected in the date dropdown. A 'Show filter' link is visible.
- Screenshot 3:** The time '13:23' is selected in the time dropdown. A 'Show filter' link is visible. Below the dropdowns, a table of files is shown:

Folders	Name	Size	Date modified
CBS	File 1.txt	26 KB	11/25/2016 13:18
C:\	File 1.txt	26 KB	11/25/2016 13:04
Users	File 1.txt	26 KB	11/25/2016 12:47
Public	File 2.txt	29 KB	11/25/2016 13:19
Desktop	File 2.txt	28 KB	11/25/2016 13:05
Folder 0	File 2.txt	28 KB	11/25/2016 12:47
Pix 01	Report 1.rtf	16 KB	11/25/2016 13:18
	Report 1.rtf	16 KB	11/25/2016 13:05
	Report 2.rtf	70 KB	11/25/2016 13:19
	Report 2.rtf	69 KB	11/25/2016 13:06

- ⚙️ **Choose from ALL files** – This option allows you to restore all the available backup versions for this backup set. Among all the available backup versions, you can even select only some of the backup versions of a file to restore.

Select Your Files To Be Restored

Screenshot of the 'Select what to restore' interface with 'Choose from ALL files' selected. A 'Show filter' link is visible. Below the dropdown, a table of files is shown:

Folders	Name	Size	Date modified
CBS	File 1.txt	26 KB	11/25/2016 13:18
C:\	File 1.txt	26 KB	11/25/2016 13:04
Users	File 1.txt	26 KB	11/25/2016 12:47
Public	File 2.txt	29 KB	11/25/2016 13:19
Desktop	File 2.txt	28 KB	11/25/2016 13:05
Folder 0	File 2.txt	28 KB	11/25/2016 12:47
Pix 01	Report 1.rtf	16 KB	11/25/2016 13:18
	Report 1.rtf	16 KB	11/25/2016 13:05
	Report 2.rtf	70 KB	11/25/2016 13:19
	Report 2.rtf	69 KB	11/25/2016 13:06

The following is an example showing all the available backup versions of the file **File 1.txt**. The latest version is shown in solid black color and all

the previous versions are shown in grey color. You can identify the file version from the **Date modified** column.

	Name	Size	Date modified
☒	File 1.txt	26 KB	11/25/2016 13:18
☒	File 1.txt	26 KB	11/25/2016 13:04
☒	File 1.txt	26 KB	11/25/2016 12:47
☒	File 2.txt	29 KB	11/25/2016 13:19
☒	File 2.txt	28 KB	11/25/2016 13:05
☒	File 2.txt	28 KB	11/25/2016 12:47
☒	Report 1.rtf	16 KB	11/25/2016 13:18
☒	Report 1.rtf	16 KB	11/25/2016 13:05
☒	Report 2.rtf	70 KB	11/25/2016 13:19
☒	Report 2.rtf	69 KB	11/25/2016 13:06

When the restore is done, you will see all the selected backup versions in the restore destination. The latest backup version has the file name as the original file, while the previous versions have the time stamps added to their file names for easy identification.

Name	Date modified	Type	Size
File 1.txt	11/25/2016 1:18...	Text Document	26 KB
File 1_2016-11-25-12-59-54.txt	11/25/2016 12:4...	Text Document	26 KB
File 1_2016-11-25-13-07-14.txt	11/25/2016 1:04...	Text Document	26 KB
File 2.txt	11/25/2016 1:19...	Text Document	29 KB
File 2_2016-11-25-12-59-54.txt	11/25/2016 12:4...	Text Document	28 KB
File 2_2016-11-25-13-07-14.txt	11/25/2016 1:05...	Text Document	28 KB
Report 1.rtf	11/25/2016 1:18...	Rich Text Docum...	16 KB
Report 1_2016-11-25-13-07-14.rtf	11/25/2016 1:06...	Rich Text Docum...	16 KB
Report 2.rtf	11/25/2016 1:19...	Rich Text Docum...	70 KB
Report 2_2016-11-25-13-07-14.rtf	11/25/2016 1:06...	Rich Text Docum...	69 KB

- Click the **Show files** checkbox to select individual files for restoration. Click **Next** to proceed when you are done with the selections.
- Select to restore the files to their **Original location**, or to an **Alternate location**. Then, click **Next** to proceed.

 **Original location** – The backed up data will be restored to the computer running OBM under the same directory path as on the machine storing the backup source. For example, if the backup source files are stored under **Users/[User's Name]/Downloads** folder, the data will be restored to **Users/[User's Name]/Downloads** as well on the computer running

OBM.

Choose Where The Files To Be Restored

Restore files to

☒ Original location

☐ Alternate location

Browse

Show advanced option

- ⚙️ **Alternate location** – You can choose to restore the data to a location of your choice on the computer where OBM is running.

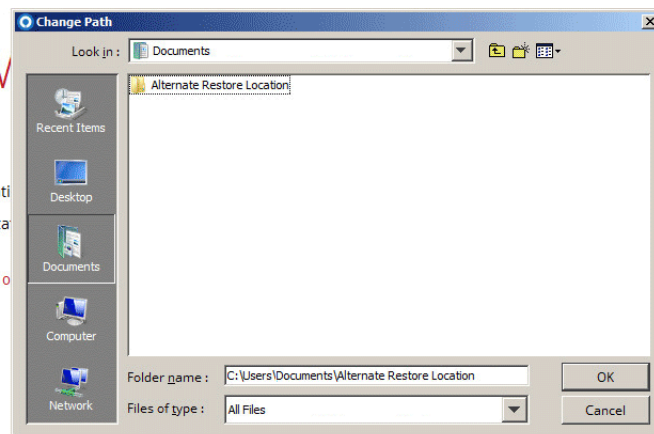
Choose Where To Restore

Restore files to

☐ Original location

☒ Alternate location

Show advanced option



7. Click **Show advanced option** to configure other restore settings:

Restore files to

☐ Original location

☒ Alternate location

Show advanced option

☐ Restore file permissions

☐ Delete extra files

☒ Follow Link

☐ Resolve Link

Hide advanced option

- ⚙️ **Restore file permissions**

Restore file permissions are disabled by default. When you perform a file restore on shared files or folders using a shared computer, it is recommended that you enable Restore file permissions by ticking the

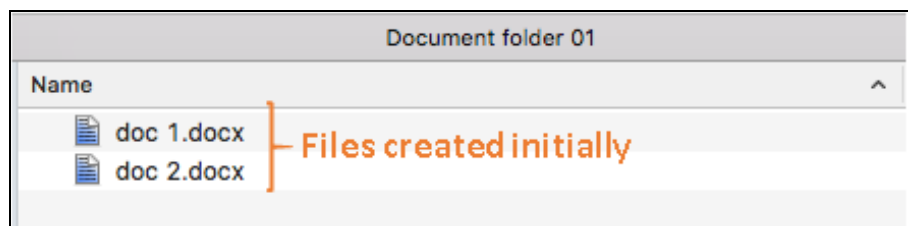
checkbox so that the files restored will not be fully accessible to everyone using the shared computer.

Delete extra files

By enabling this option, the restore process will attempt to synchronize the selected restore source with the restore destination, making sure the data in the restore destination is exactly the same as the restore source. Any data created after backup will be treated as “extra files” and will be deleted from the restore source if this feature is enabled.

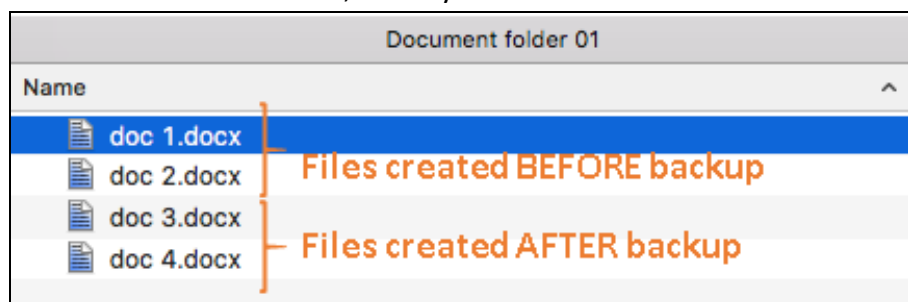
Example:

- i) Two files are created under the **Document folder 01**, namely doc 1 & doc 2.

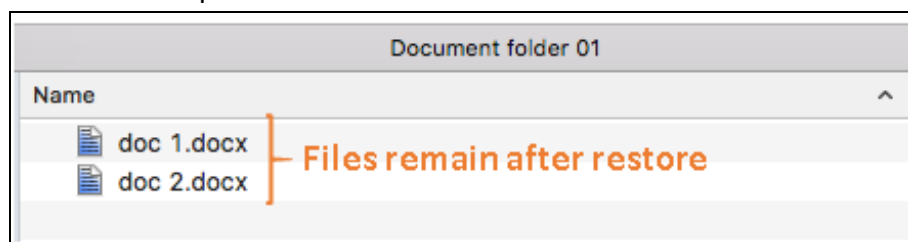


- ii) A backup is performed for folder **Document folder 01**.

- iii) Two new files are created, namely doc 3 & doc 4.



- iv) A restore is performed for the **Document folder 01**, with **Delete extra files** option enabled.
- v) Since doc 3 & doc 4 have never been backed up, therefore they will be deleted from **Document folder 01**, leaving only the two files that have been backed up.



WARNING

Please exercise extra caution when enabling this feature. Consider

what data in the restore source has not been backed up and what impact it would cause if those data is deleted.

Prior to the data restore and synchronization, a warning message shows as the one shown below. Only clicking **Yes** will the “extra file” be deleted. You can click **Apply to all** to confirm deleting all the “extra files” at a time.

Follow Link (Enabled by default)

When this option is enabled, not only the symbolic link or junction point will be restored, the directories and files that the symbolic link or junction point links to will also be restored.

The table below summarizes the behaviors when a restore is performed with different settings.

Follow Link	Restore to	Behavior
Enabled	Original location	Symbolic link or junction point is restored to the original backup location. Target directories or files are also restored to the original backup location.
	Alternate location	Symbolic link or junction point is restored to the location specified. Target directories or files are also restored to the alternate location specified.
Disabled	Original location	Symbolic link or junction point is restored to the original backup location. Target directories or files are NOT restored to the original backup location.
	Alternate location	Symbolic link or junction point is restored to the location specified. Target directories or files are NOT restored to the alternate location specified.

Resolve Link (Only for restoring to Alternate Location)

This option must be used in conjunction with the **Follow Link** option.

When this option is enabled, the symbolic link or junction point, as well as the directories and files that the symbolic link or junction point links to

will also be restored in the alternate location you have chosen. That means the link or junction will point to the alternate location instead of the original location.

The table below summarizes the behaviors when a restore is performed with this option turned on and off.

Resolve Link	Behavior
Enabled	Symbolic link or junction point is restored to the alternate location specified, with its target directories and files also restored to the same location in their relative path. Target of the link or junction is updated to the new relative path. In other word, the link or junction now points to the new alternate location.
Disabled	Symbolic link or junction point is restored to the alternate location specified, with its target directories and files also restored to the same location in their relative path. However, target of the link or junction is NOT updated to the new relative path. In other word, the link or junction still points to the original location.

- Click **Next** to proceed.
- Select the temporary directory for storing temporary files, such as delta files, when they are being merged.

By default, the temporary files are stored under the temp directory of the user profile directory. In case the same directory path does not exist in the computer you are running OBM, you have to click **Browse** to define a new location for storing the temporary files. Otherwise, you will not be able to perform a restore.

Temporary Directory

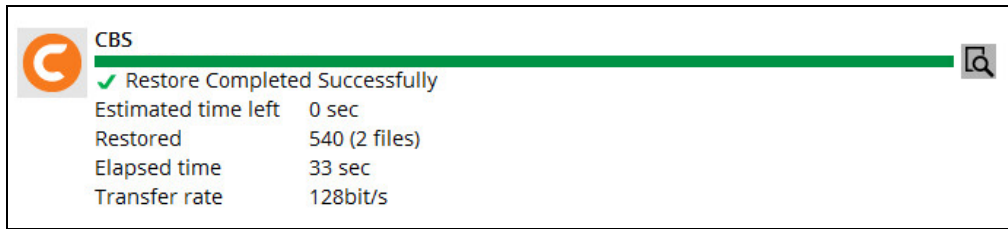
Temporary directory for storing restore files

C:\Users\temp

Browse

- Click **Restore** to start the restore. The status will be shown.

11. When the restore is completed, the message “Restore Completed Successfully” will appear.



You can click the  **View** icon on the right hand side to check the log. A window will pop up to show the log. Click **Close** to exit the pop-up window.

Type	Log	Time
	Start []	11/25/2016 14:27:41
	Initializing decrypt action...	11/25/2016 14:27:41
	Initializing decrypt action... Completed	11/25/2016 14:27:41
	Downloading... "C:\Users\)	11/25/2016 14:28:11
	Downloading... "C:\Users\)	11/25/2016 14:28:13
	Restore Completed Successfully	11/25/2016 14:28:14

12. In the Restore window, click **Cancel** to close the Restore window.
13. To exit OBM, click the “x” on the top right corner. A message will appear to ask for your confirmation. Click **Yes** to close the application. If you wish to use OBM again, you will then have to launch it again.