

# **Ahsay Online Backup Manager v9**

## **Backup Source File Filter Guide**

Ahsay Systems Corporation Limited

**7 March 2022**

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## Revision History

Date	Descriptions	Version
7 March 2022	▪ Ch. 4.1 and 5.1 – added instruction for shares requiring credentials	9.1.0.0

# Table of Contents

1	About filtering .....	1
2	Filter setup.....	3
3	Comparison between Windows OS and Linux/ FreeBSD OS.....	4
4	Managing filter for Windows OS.....	5
4.1	Create a backup set with filter .....	5
4.2	Edit existing backup set to add filter .....	13
4.3	Check if filter is correct.....	15
4.4	Filtering in Continuous Backup .....	17
5	Managing filter for Linux/ FreeBSD OS.....	20
5.1	Create a backup set with filter.....	20
5.2	Edit an existing backup set to add filter .....	26
5.3	Verify the backup report and logs .....	27
	Appendix .....	28
	Appendix A Examples using Simple Comparison .....	28
	Appendix A.1 Windows OS .....	28
	Appendix A.2 Linux/ FreeBSD OS .....	76
	Appendix B Examples using Regular Expression (UNIX-style).....	97
	Appendix B.1 Windows OS .....	97
	Appendix B.2 Linux/ FreeBSD OS .....	130
	Appendix C Filtering in network drives on Windows OS .....	145
	Appendix D Filtering in Windows shared folder on Linux/ FreeBSD OS .....	223
	Appendix E System Files for Continuous Backup Exclusion on Windows OS.....	234

# 1 About filtering

Filters can be used to search for files or folders that will be included or excluded in the backup. The user can specify criteria that will be used to filter out files/folders.

Some key points to understand before reading this guide:

- AhsayOBM and AhsayACB filters checks the whole filename including the filename extension. For example, you have a document with filename 'employees' so if ends with s is your filter then this file will not be included in the backup since its whole filename is 'employees.doc' or 'employees.docx' with both files not ending in s but c and x respectively. Your OS may, by default, hide file extensions. For further reference regarding showing file extensions, please refer to the following websites: <http://kb.winzip.com/kb/entry/26/> or <https://www.thewindowsclub.com/show-file-extensions-in-windows>.
- This document may make references to regular expression patterns. Regular expression patterns are case-sensitive. For example, your pattern to match is '^a.\*\.xls\$', will only match filenames starting with lower case letter a, but not filenames with upper case letter A. For further reference regarding regular expressions please refer to the following websites:
  - <https://docs.microsoft.com/en-us/dotnet/standard/base-types/regular-expression-language-quick-reference>
  - <https://medium.com/factory-mind/regex-tutorial-a-simple-cheatsheet-by-examples-649dc1c3f285>
  - [http://necb.nerc.ac.uk/courses/perl\\_bioperl/regex.pdf](http://necb.nerc.ac.uk/courses/perl_bioperl/regex.pdf)
  - <http://www.cbs.dtu.dk/courses/27610/regular-expressions-cheat-sheet-v2.pdf>
- This guide will assume you do not have any preempted values which may hide or disable certain features. If you encounter your UI does not exactly match the screenshots in the guide, this may explain the discrepancy. You may need to contact your AhsayCBS system administrator for consultation.
- Please note that inclusion or exclusion made by filter takes precedence over backup source selection.

## What are the requirements?

In order to create a backup set with filter, requirements are essential to avoid any interruptions upon running the backup set.

- **Network connection**  
You need to have a network connection for backup sets with filters that has Windows shared folder as source destination. This is applicable for Windows OS and Linux / FreeBSD OS.
- **Account rights**  
On Windows OS, for running AhsayOBM (GUI) / AhsayACB. you need to have administrator rights to allow you to view files on the server and for running AhsayOBM (CLI). This will allow you to check if the filter criteria are correct. While on Linux/ FreeBSD OS you need to login as root to access the AhsayOBM – GUI and CLI.

## What are the limitations?

There are limitations in creating a backup set with filters on various Operating System. Below are some of the limitations of Linux / FreeBSD OS:

### Linux / FreeBSD OS

- Creation of backup set with filters is not supported using backupSet.xml.
- Creation of backup set with filters that has simple comparison as pattern is not supported using backupSet.xml.
- Creation of backup set with filters that has regular expression UNIX-style as pattern is not supported using backupSet.xml.
- Creation of backup set with filters in continuous backup is not supported. As continuous backup is only supported on Windows OS.
- Preview is available on Linux/ FreeBSD OS if AhsayOBM is running in GUI environment. You can still check the result of your backup set with filters by checking the report and log. Refer to [Ch. 5.3 Verify the backup report and logs](#).

## What are the recommendations?

Here are some recommendations to make the backup set with filter more efficient and to maximize the full potential of the said feature.

- When creating a backup set with filters, make sure that the filters you set does not conflict with each other.
- Filters will be applied in creation order.
- When creating a backup set with filters, make sure to fill up the Deselected Source field.

For Linux/ FreeBSD OS, ensure that these paths have been added:

- **/root/.obm**
- **/usr/local/obm**
- **/root/temp**

### Notes:

- The **/root/temp** is just a sample for reference purposes only. This will depend on your actual temporary folder path.
- These are also the non-regular files/folders such as device files, block files, virtual files systems, pseudo file systems, etc. will be automatically ignored if selected for backup. Backup log entries of these files/folders will not appear in the backup logs.

Here are some examples:

/proc  
/dev  
/sys  
/run

## 2 Filter setup

### What are the configurations that need to be accomplished?

These are the fields that are available on the filtering module on AhsayCBS Web Console. Every field has its own functionality, and this will guide you to properly utilize the features of each control.

Fields	Description
<b>Filter Name</b>	Refers to the name of the filter of the backup set.
<b>Matching Pattern</b>	These matching pattern/s define the filtering rule.
<b>For each of the matched files/folders under top directory</b>	
<ul style="list-style-type: none"> <li><b>Include Them</b></li> </ul>	This will include all the directories, files, and folders that matches the specified pattern/s.
<ul style="list-style-type: none"> <li><b>Exclude Them</b></li> </ul>	This will exclude all the directories, files, and folders that do not match the specified pattern/s.
<b>Exclusion/Inclusion</b>	Condition in which you have the option to either exclude or include all the directories, files, and folders that do not match the specified pattern/s.
<b>Match file/folder names by</b>	Condition in which you have the option to either use the simple comparison that comes with these criteria: starts with, ends with, and contain, or the regular expression (UNIX style).
<ul style="list-style-type: none"> <li><b>Simple Comparison</b></li> </ul>	<p><b>Starts With</b> Directories, files, and folders with the name <u>starting</u> with a specific letter or word.</p> <p><b>Ends With</b> Directories, files, and folders with the name <u>ending</u> with a specific letter or word.</p> <p><b>Contains</b> Directories, files, and folders with the name <u>containing</u> the specific letter or word</p>
<ul style="list-style-type: none"> <li><b>Regular expression (UNIX-style)</b></li> </ul>	Refers to a set of characters that specify a pattern. It is used when you want to search for specific lines of text containing a pattern.
<b>How to Apply This Filter</b>	Refers to the filtering rule on which directory the patterns would be applied, either on All hard disk drives or This folder only.
<ul style="list-style-type: none"> <li><b>All hard disk drives</b></li> </ul>	Apply the specified filtering pattern to all available hard disk drives.
<ul style="list-style-type: none"> <li><b>This folder only</b></li> </ul>	Apply the specified filtering pattern to a specific folder only.
<b>Apply to</b>	Apply the created pattern/s to all the files and/or folders. You have the option to select both checkboxes.

### 3 Comparison between Windows OS and Linux/FreeBSD OS

Below is the table comparison on using filtering on Windows OS and Linux / FreeBSD OS.

	Windows OS		Linux / FreeBSD OS		
	AhsayCBS	AhsayOBM	AhsayCBS	AhsayOBM	
				GUI	CLI
Backup Set with Filter	✓	✓	✓	✓	N/A
• Simple Comparison	✓	✓	✓	✓	N/A
• Regular Expression (UNIX-Style)	✓	✓	✓	✓	N/A
Continuous Backup	✓	✓	N/A		
Predefined Destinations	✓	✓	✓	✓	N/A
Preview Feature	✓	✓	N/A	✓	N/A



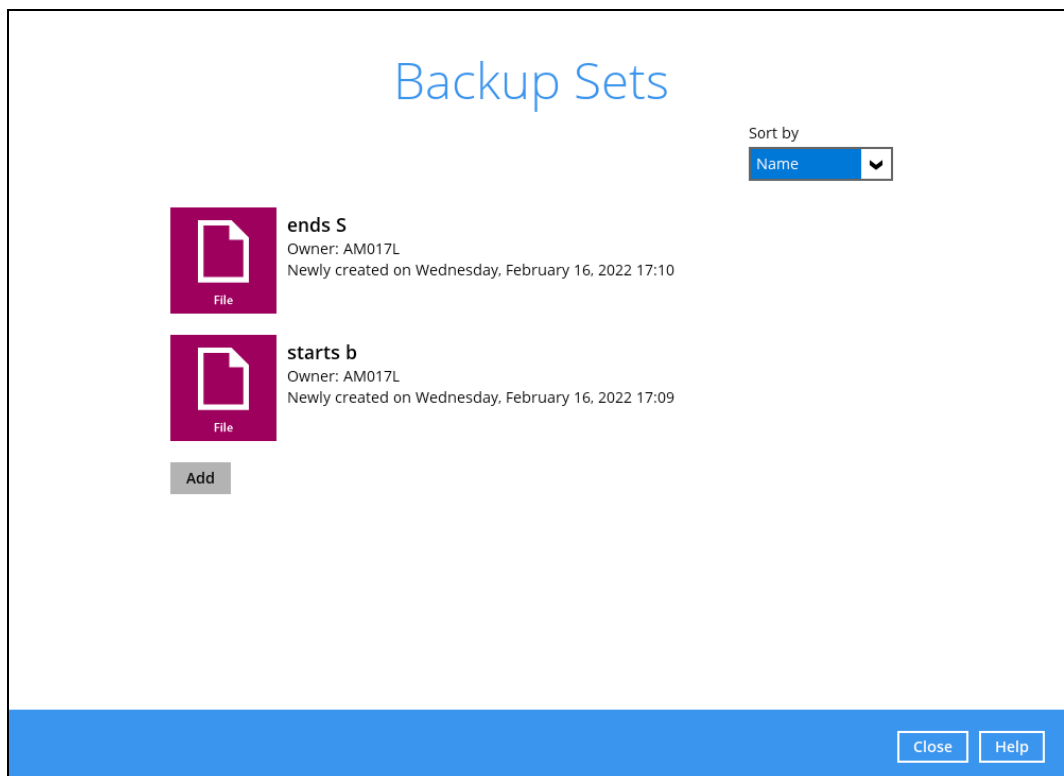
## 4 Managing filter for Windows OS

### 4.1 Create a backup set with filter

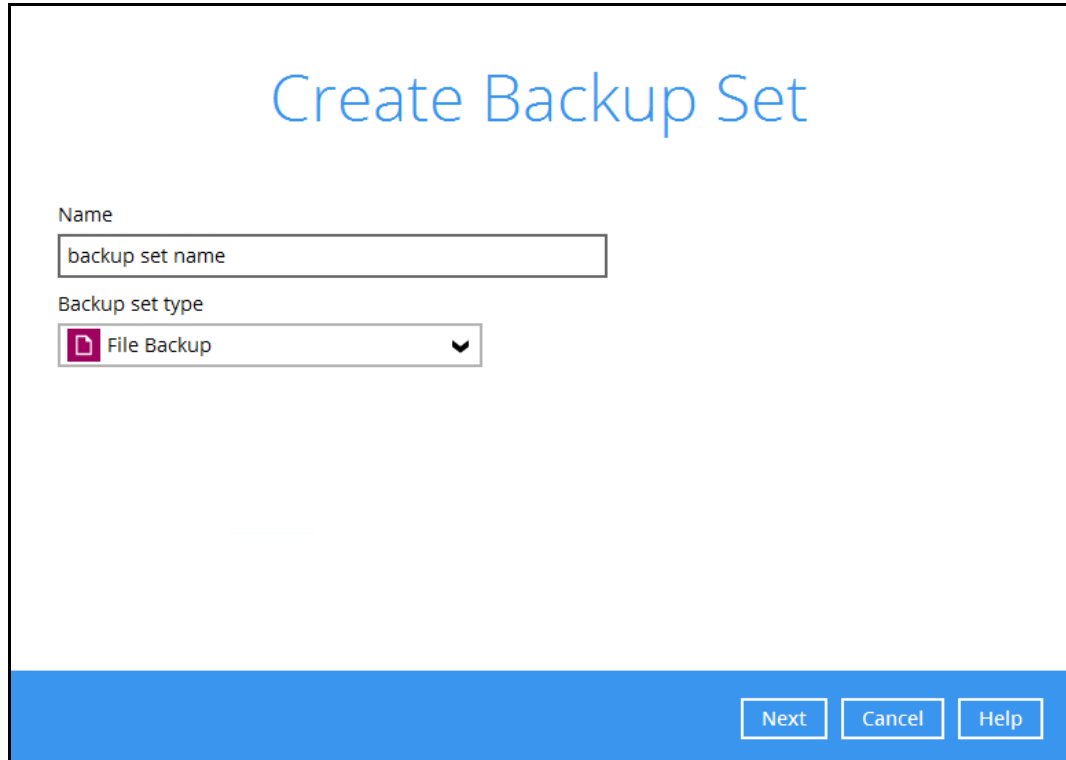
1. Go to **Backup Sets**.



2. Click the **Add** button.

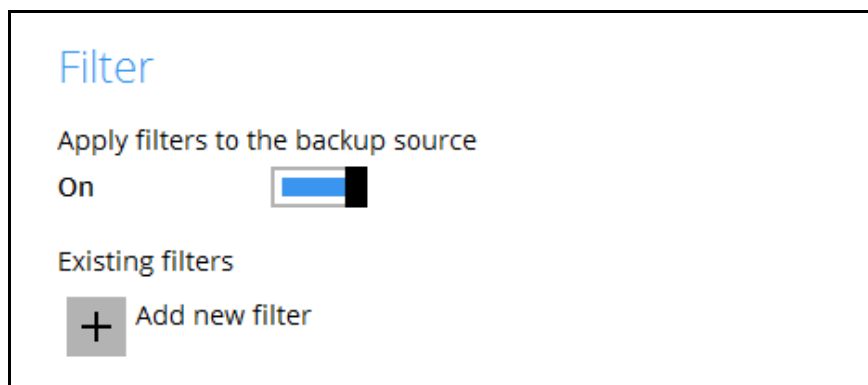


3. Specify a backup set name and select the type. Click **Next**.




The screenshot shows a window titled "Create Backup Set". It contains a text input field labeled "Name" with the placeholder text "backup set name". Below it is a dropdown menu labeled "Backup set type" with "File Backup" selected. At the bottom right, there are three buttons: "Next", "Cancel", and "Help".

4. In the Filter part, slide the lever to the right to add a filter. Click the **Add new filter** button.



The screenshot shows a window titled "Filter". It contains a toggle switch labeled "Apply filters to the backup source" which is currently "On". Below this is a section labeled "Existing filters" with a plus icon and the text "Add new filter".

5. Enter the name for your filter.



The screenshot shows a window titled "New Backup Filter". It contains a text input field labeled "Name" with the placeholder text "name of your filter".

6. Choose whether the pattern you added will be included or excluded for the backup.

- If **Include them** is selected, you can check the box beside **Exclude all unmatched files/folders**.
- If **Exclude them** is selected, you can check the box beside **Include all unmatched files/folders**.

**Note:** Please see [examples](#) to further understand how the filtering works.

For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them

☒ Exclude all unmatched files/folders

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☒ Include all unmatched files/folders

7. Choose how the pattern will be compared, if it will be by **Simple comparison** or **Regular expression**. For Simple comparison you have 3 choices:

- **starts with**, files/folders that begins with the pattern will be selected
- **contains**, files/folders that contains the pattern will be selected
- **ends with**, files/folders that ends with the pattern will be selected

**Note:** The filter checks the whole filename including the filename extension. For example, you have a document with filename 'employees' so if **ends with s** is your filter then this file will not be included in the backup since its whole filename is 'employees.doc' or 'employees.docx' with both files not ending in **s** but **c** and **x** respectively.

Match file/folder names by

☒ Simple comparison

☐ Regular expression

Existing patterns to match

☒

ends with ▼

starts with



contains

ends with

8. Specify the pattern then click the **Add** button. For example the letter a. Repeat adding patterns, until all the patterns has been added to this filter.

**Note:** The pattern is case sensitive only in Regular Expression.

Existing patterns to match

**Add**

9. Choose how the filter will be applied, whether in **All hard disk drives** or for **This folder only**. If “This folder only” is selected, click the **Change** button to select the specific folder or input the local / network address.

Apply this filter to all files/folders in

☒ All hard disk drives

☐ This folder only

**Change**

If “This share requires access credentials” is checked, enter the User name and Password of the local or network drive. This checkbox will only be enabled if a local or network address is detected.

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

**Change**

☒ This share requires access credentials

User name (e.g. domain\username)

Password

10. Select if the filter will be applied to **File**, **Folder** or both.

Apply to

☒ File ☐ Folder

11. Click the **OK** button to save the filter. Repeat Steps 4-10 until all the filters you want to apply are created. Click **Next**.

Backup Source

Select the files and folders that you want to backup

☐ Desktop

☐ My Documents

☐ Favorites

☐ Outlook

Filter

Apply filters to the backup source

On ☒

Existing filters

☒ contains a  
C:\Users\user\Documents\backup sample files

Add

[I would like to choose the files to backup](#)

Previous Next Cancel Help

12. There is a default backup schedule that will run daily at 20:00 or 8:00pm. You can change this by clicking on the existing schedule and updating it or you can create a new schedule by clicking the **Add** button. Click **Next** once done.

Schedule

Run scheduled backup for this backup set

On ☒

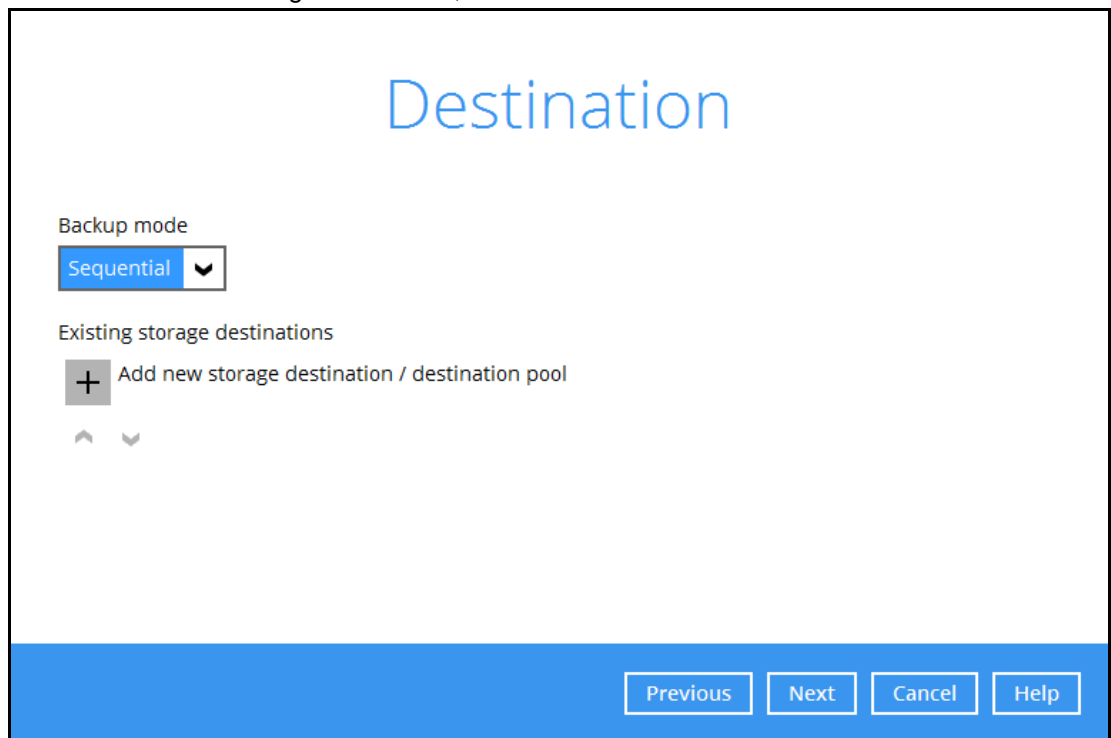
Existing schedules

☒ Backup Schedule  
Daily (Everyday at 20:00)

Add

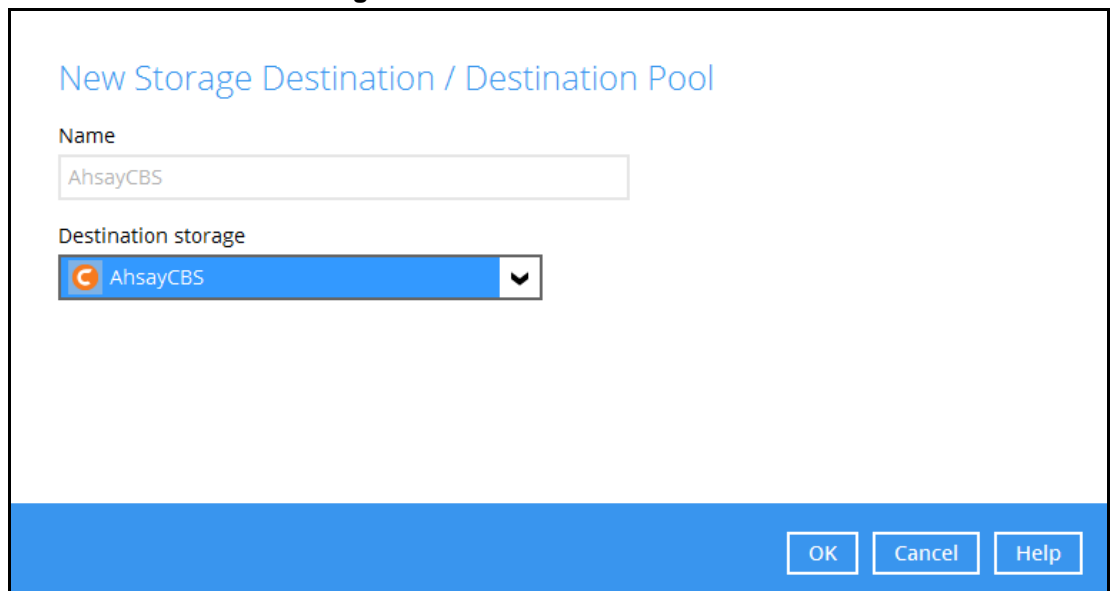
Previous Next Cancel Help

13. Select the **Backup mode**, whether Sequential or Concurrent. By default, Sequential is selected. Add the storage destination, click the **Add** button.



The 'Destination' window has a title bar at the top. Below it, the word 'Destination' is displayed in a large blue font. Underneath, there is a 'Backup mode' section with a dropdown menu currently set to 'Sequential'. Below this is an 'Existing storage destinations' section, which includes a grey button with a plus sign and the text 'Add new storage destination / destination pool', followed by two small upward and downward arrow icons. At the bottom of the window, there is a blue bar containing four buttons: 'Previous', 'Next', 'Cancel', and 'Help'.

Select the **Destination storage**. Click **OK**. Click **Next**.



The 'New Storage Destination / Destination Pool' window has a title bar. Below it, the title 'New Storage Destination / Destination Pool' is shown in blue. There is a 'Name' field with the text 'AhsayCBS' entered. Below the name field is a 'Destination storage' section with a dropdown menu showing 'AhsayCBS' with a small orange icon to its left. At the bottom of the window, there is a blue bar with three buttons: 'OK', 'Cancel', and 'Help'.

14. Slide the lever to the right if you want to enable OpenDirect. By default OpenDirect is turned Off. Click **Next**.

OpenDirect

OpenDirect  
Off

Support of opening backup data directly without restoration.

When OpenDirect is enabled, to optimize restore performance both compression and encryption will be disabled for this backup set.

Once OpenDirect is enabled and the setting is saved, it cannot be disabled without re-creating the backup set.

Previous Next Cancel Help

15. Select the **Encryption Type**, whether Default, User password or Custom. By default, 'Default' is selected. Click **Next**.

Encryption

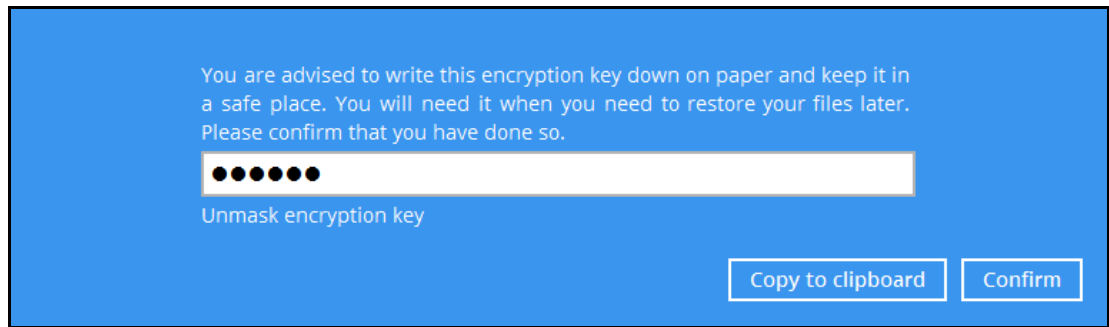
Encrypt Backup Data  
On

Encryption Type

Default  
Default  
User password  
Custom

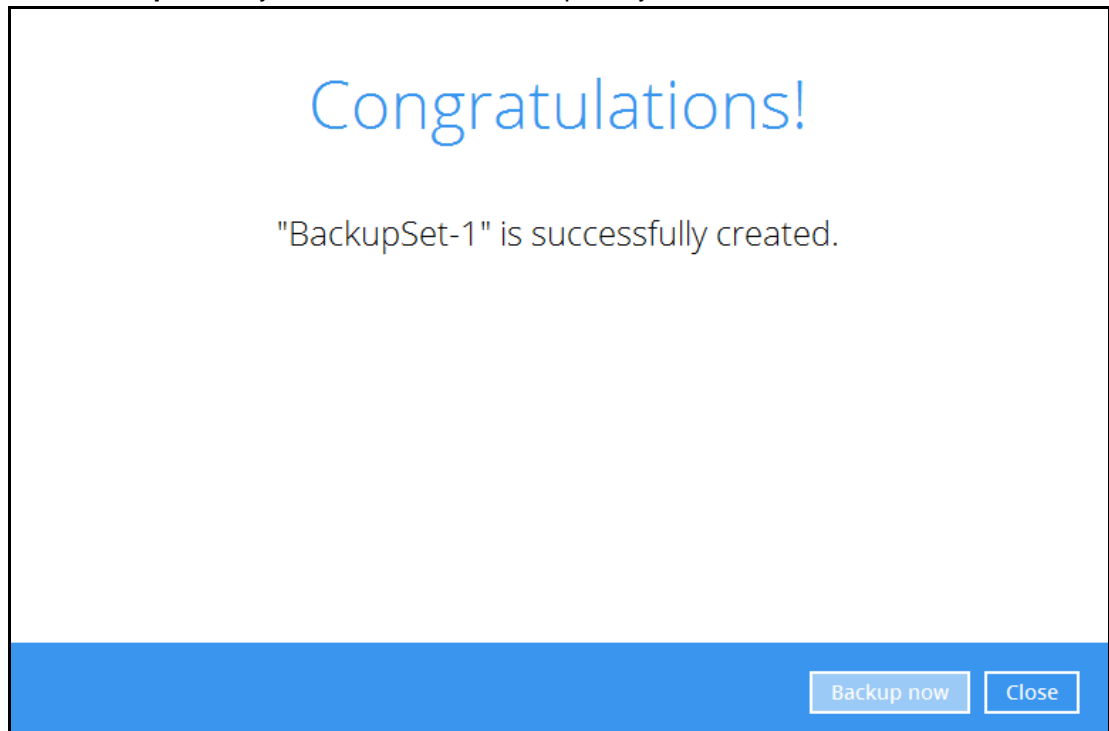
Previous Next Cancel Help

16. You can either Unmask encryption key or Copy to clipboard the encryption key. Click **Confirm** to continue.



A blue dialog box with a white border. The text inside reads: "You are advised to write this encryption key down on paper and keep it in a safe place. You will need it when you need to restore your files later. Please confirm that you have done so." Below the text is a white input field containing seven black dots. Underneath the input field is the label "Unmask encryption key". At the bottom right, there are two buttons: "Copy to clipboard" and "Confirm".

17. Click **Backup now** if you want to run the backup. Or you can click Close.

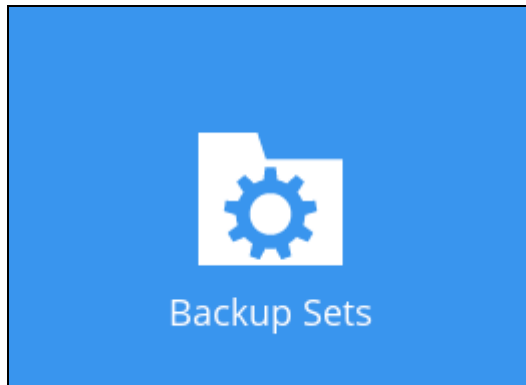


A white dialog box with a blue border. The text inside reads: "Congratulations!" in a large blue font, followed by "BackupSet-1" is successfully created." in a smaller black font. At the bottom right, there are two buttons: "Backup now" and "Close".

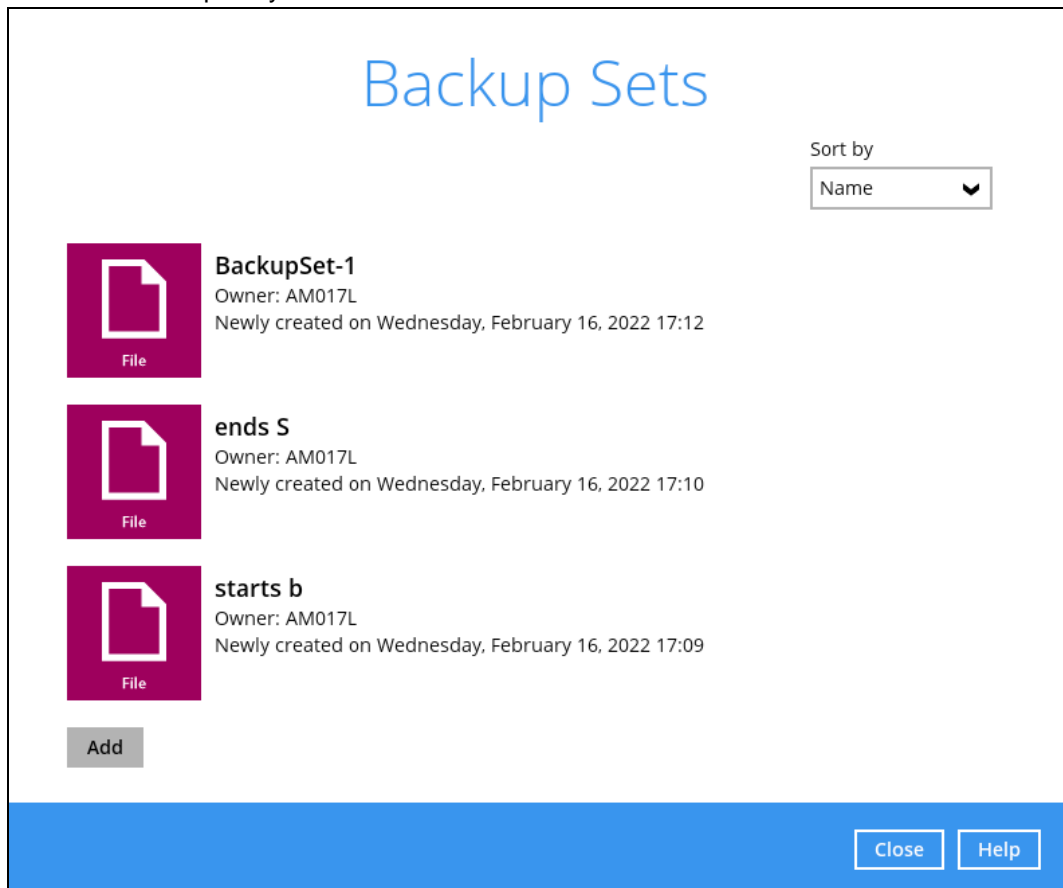


## 4.2 Edit existing backup set to add filter

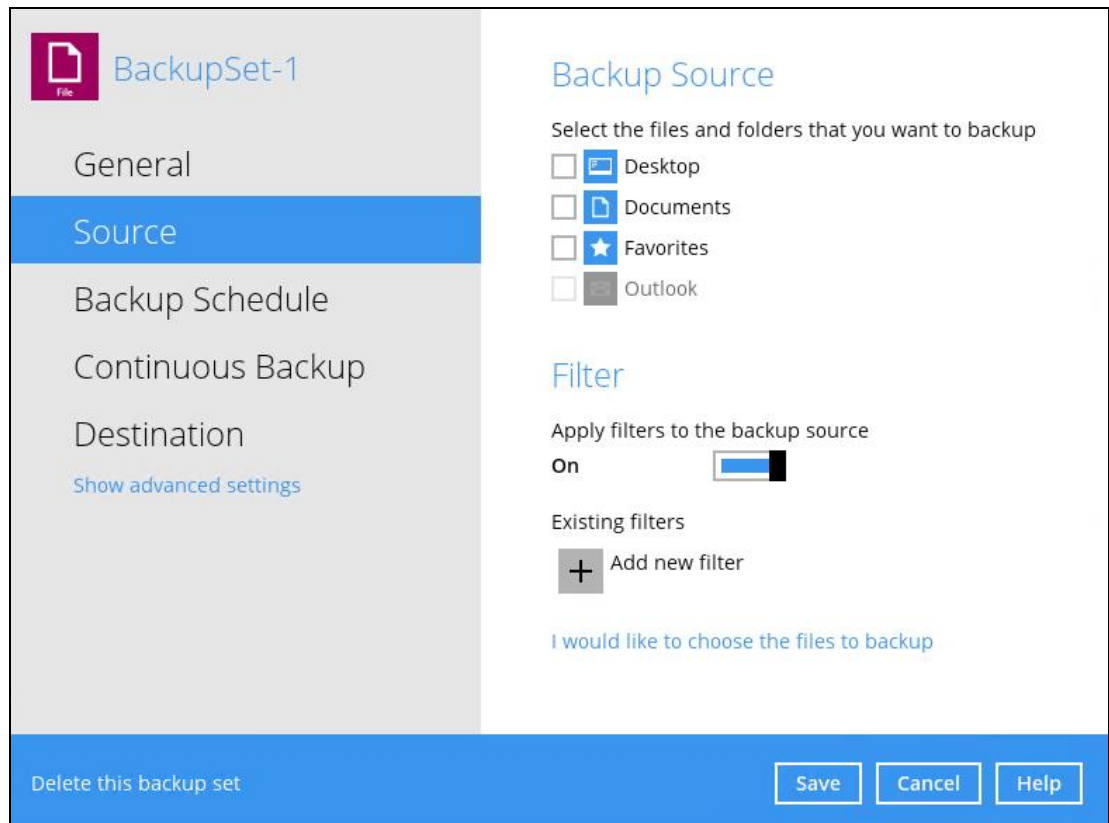
1. Go to **Backup Sets**.



2. Select the backup set you want to add a filter.



3. Go to **Source** then slide the lever to the right under **Filter**. Click the **Add new filter** button.

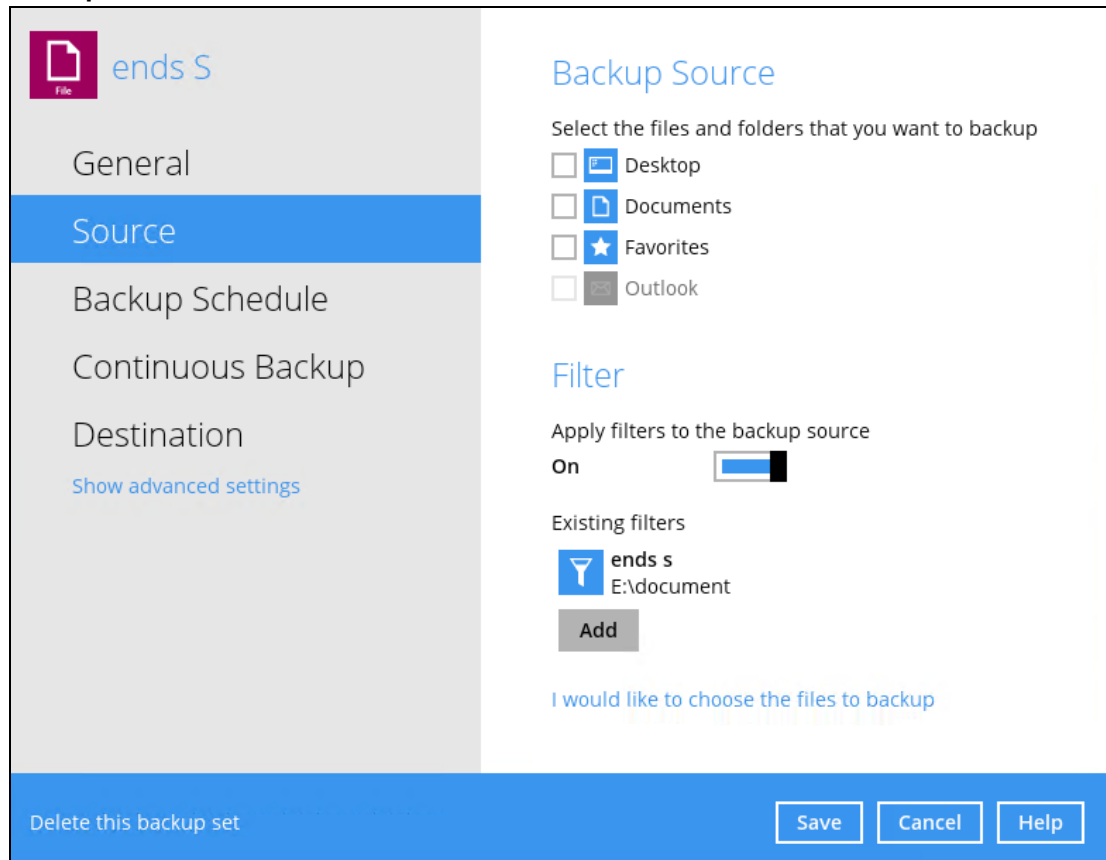


4. Then follow [Steps 5-10](#) on how to create the filter which was discussed in the previous section.

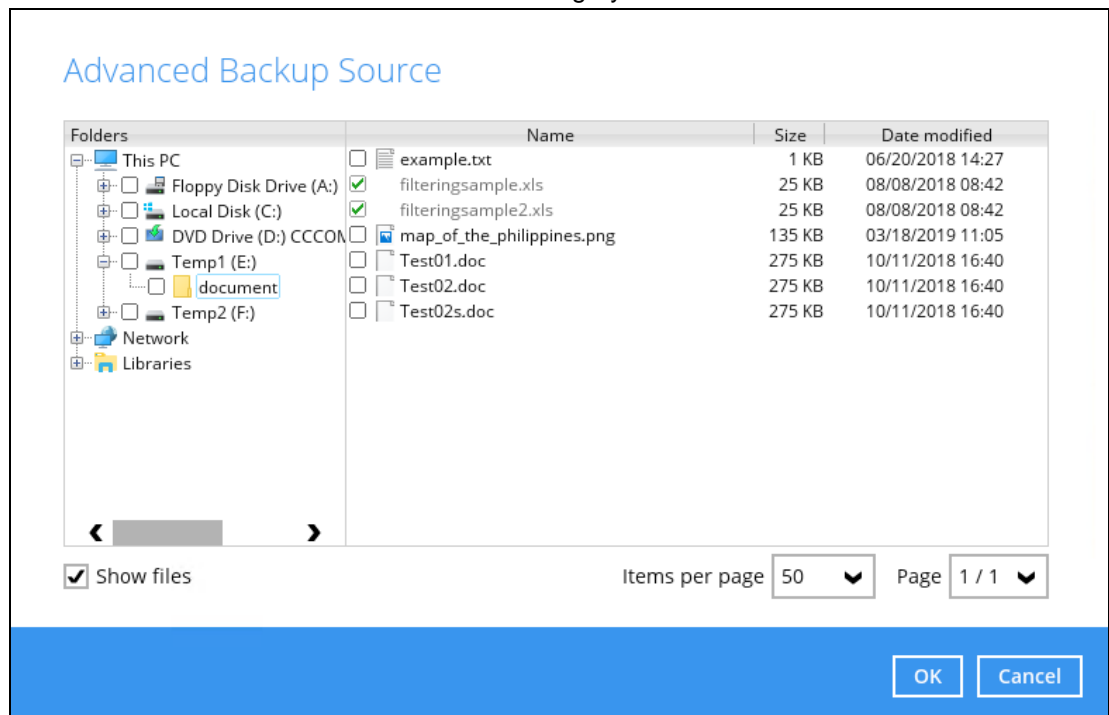
### 4.3 Check if filter is correct

You can check which files will be included in the backup before the actual backup occurs. To check if the filter is correct:

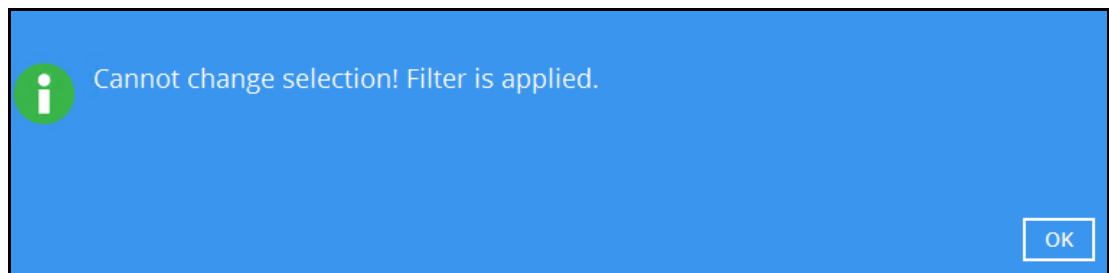
1. Go to your backup set then go to **Source**. Click **I would like to choose the files to backup**.



2. Click **Show files**, you can check here if the files that will be included in the backup is correct. Files that matches the filter criteria are greyed out.



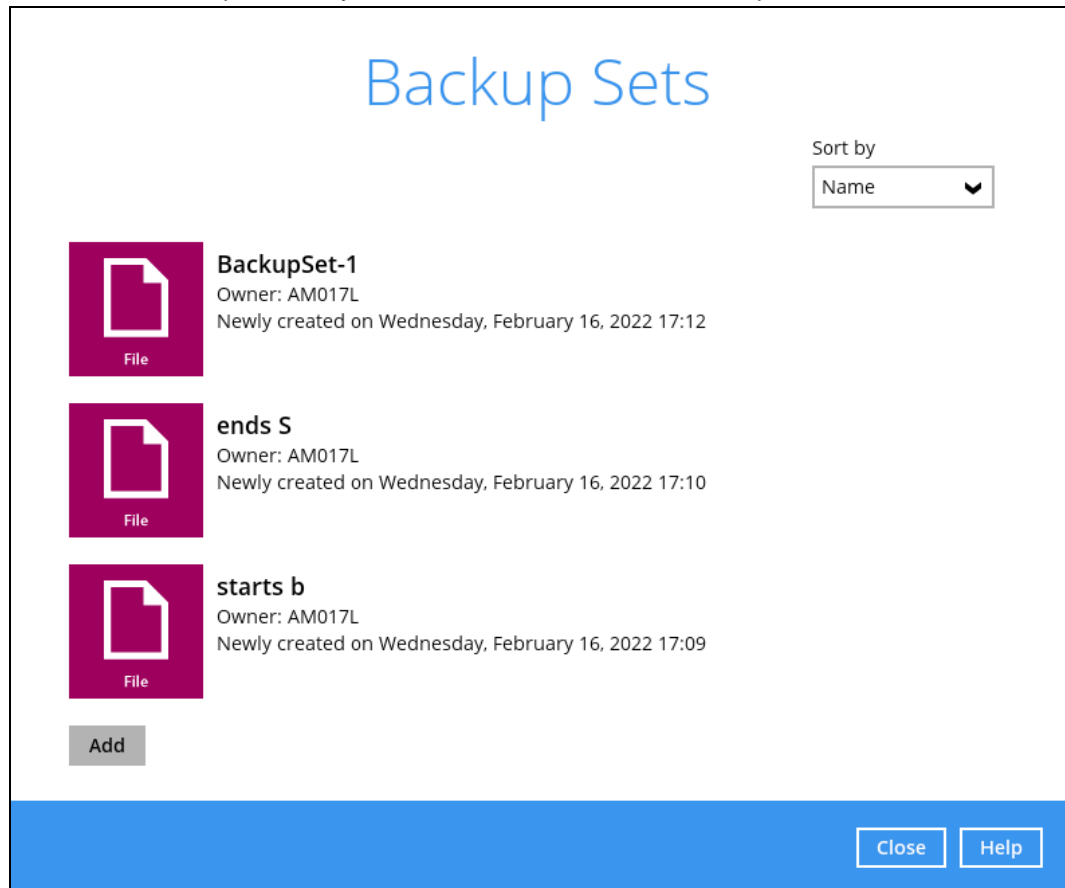
**Note:** Only files not included in the filter may be added for backup. Once filter is applied to a file it cannot be changed. You will see a message like the one below if you try to check/uncheck a filtered file.



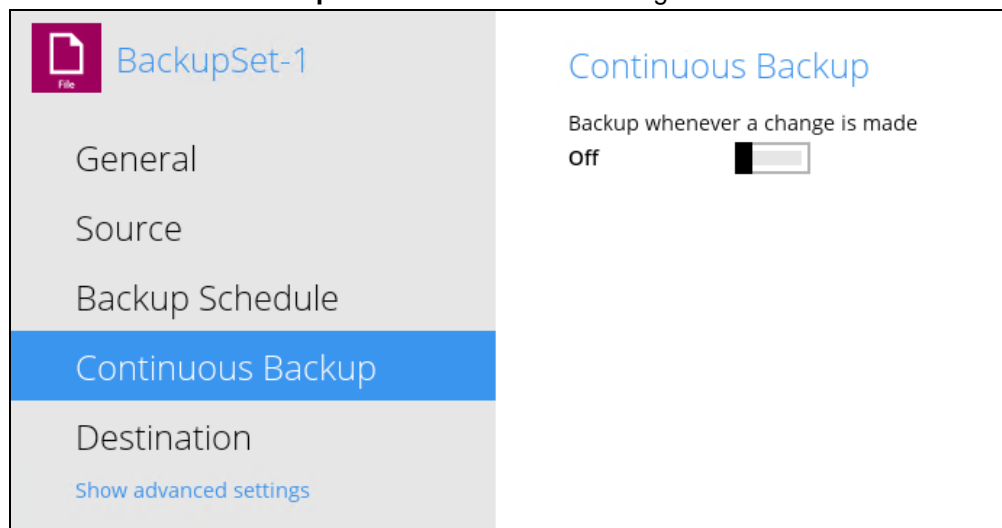
## 4.4 Filtering in Continuous Backup

Filtering in continuous backup is only supported by AhsayOBM on Windows Operating System. For continuous backup you can only specify filters that would exclude files from the backup. After turning on continuous backup, you must run a full backup first. This is to ensure that all the files are backed up. If you do not run a full backup first then only files that were changed or added will be backed up by AhsayOBM.

1. Choose the backup set that you want to set a continuous backup for.



2. Go to **Continuous Backup** and slide the lever to the right to turn it on.



3. Check the box if you do not want to backup files defined as system files which is enabled by default. Please refer to [Appendix D](#) for a list of system files that will be excluded from the backup. Set how often backup will run in minutes/hours. Also specify the size limit of the file that will be backed up.

## Continuous Backup

Backup whenever a change is made

On ☒

Backup set type  
File

☒ Do not backup files defined as system files

Define how often backup run  
30 minutes ▼

Only apply to files smaller than  
Unlimited ▼ MB

## Exclude Filter

Existing Exclude Filters

Add new exclude filter

4. Click the + **Add new exclude filter** to specify the criteria for the filter.

### New Continuous Backup Exclude Filter


Name


Match file/folder names by

☒ Simple comparison ends with ▼

☐ Regular expression (UNIX-style)

Existing patterns to match





Add

Apply this filter to all files/folders in

☒ All selected sources

☐ This folder only (Input local / network address or click [Change])

Change

☐ This share requires access credentials

Apply to

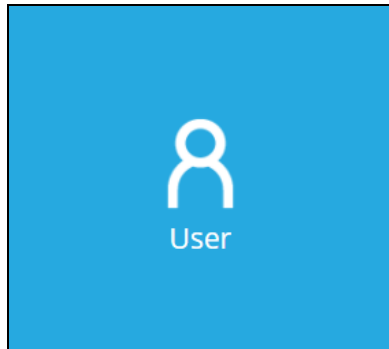
☒ File ☐ Folder


- Enter the filter name.
- You can match the file/folder names either by **Simple comparison** or **Regular expression (UNIX-style)**. For simple comparison you can match it by **ends with**, **contains** or **starts with**.
- Enter the pattern that will be used for the filter. If there are more than one pattern, click the Add button to enter another pattern. Keep doing this until all the patterns are added.
- Specify the location of the files/folder whether in all selected sources or just a specific folder. By default **All selected sources** is selected.
- Choose whether to apply the filter to a **file**, **folder** or both.

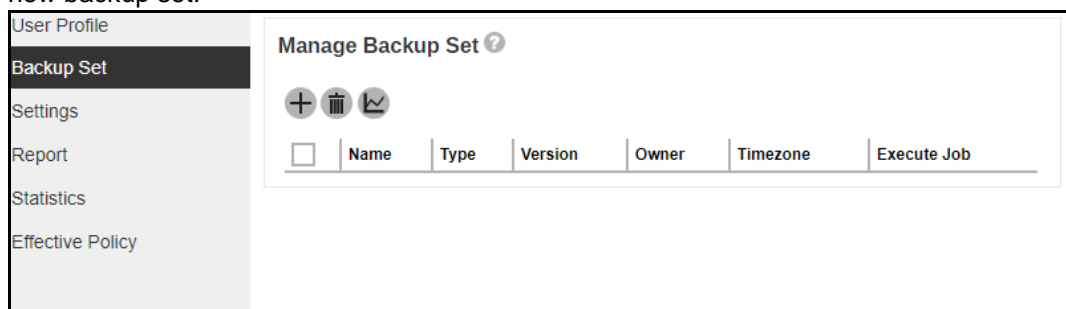
## 5 Managing filter for Linux/ FreeBSD OS

### 5.1 Create a backup set with filter

1. Login to AhsayCBS Web Console using valid credentials.
2. On the main screen, under Backup / Restore, go to **User**.



3. Select **Backup Set** located on the left side of the screen then click the  button to add a new backup set.



4. Enter the name of the new backup set and select the backup set type from the dropdown box then click the next icon located at the bottom right corner of the screen to continue.

### Create Backup Set

#### General

Name

default-backup-set-name-1

Backup set type

File Backup

File Backup  
IBM Lotus Domino Backup  
IBM Lotus Notes Backup  
MS Exchange Server Backup  
MS Exchange Mail Level Backup  
MS SQL Server Backup  
MS Hyper-V Backup  
MS Windows System Backup  
MySQL Backup  
Oracle Database Server Backup  
ShadowProtect System Backup  
MS Windows System State Backup  
VMware Backup  
Cloud File Backup  
Office 365 Backup



5. Specify the backup source for the new backup set.

**Other Selected Source**

☐


Path

☐

/root/Documents

6. Go to the Apply filters to the backup source. To apply a filter, by default it is not enabled. Slide the lever to the right side to enable it.

**Apply filters to the backup source**

7. To add a filter to the backup set, click the  button. You can add as many as you want just make sure it won't conflict with the other backup sets that already has an existing filter configuration.

**Apply filters to the backup source**


☐

Name

8. Specify the filter name. Ensure that the filter name will correspond to the filter configuration you want to achieve so that you won't be having a hard time amending the backup set from time to time.


**Filter**

**Name**

9. To add pattern to your filter, click the  button. You can add various patterns that depends on your desired filter result.

**Matching pattern**

☐

Pattern 

**Matching pattern**

☐

Pattern 

☐

A

☐

b

☐

.docx

☐

Backup

These are some examples of matching patterns:

- Pattern No. 1: “**A**”
- Pattern No. 2: “**b**”
- Pattern No. 3: “**.docx**”
- Pattern No. 4: “**Backup**”

**Note:** The matching patterns above are just examples.

10. After specifying matching patterns, choose if the files/folders will be included or excluded in the backup.

**For each of the matched files/folders under top directory**  
  
☒ Include them  
☐ Exclude them

11. You also have the option to include or exclude all the unmatched files/folders by checking /unchecking the checkbox.

**Exclusion**  
  
☐ Exclude all unmatched files/folders

**Inclusion**  
  
☐ Include all unmatched files/folders

12. For the matching pattern specified above, select which comparison will be used. Either Simple Comparison that has three (3) options namely, Starts With, Ends With, and Contains or Regular Expression (UNIX-Style).

**Match file/folder names by**  
  
☒ Simple comparison starts with ▾  
☐ Regular expression (UNIX-style)

**Match file/folder names by**  
  
☐ Simple comparison starts with ▾  
☒ Regular expression (UNIX-style)

13. To apply this filter on a specific directory or folder, choose from the radio button, All hard disk drives or This folder only.

**How to Apply This Filter**  
  
Apply this filter to all files/folders in  
☐ All hard disk drives  
☒ This folder only (Input local / network address)  

Specify a directory

☐ This share requires access credentials  
  
Apply to  
☒ File ☐ Folder



If **All hard disk drives** is selected, then the filter will be applied to all available hard disk drives in your computer.

If **This folder only** is selected, then the filter will only be applied to a specific directory.

If “This share requires access credentials” is ticked, enter the User name and Password to the local or network drive. This checkbox will only be enabled if a local or network drive is detected.

**How to Apply This Filter**

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address)

☒ This share requires access credentials

User name (e.g. domain\username)

Password


Check or uncheck the File or Folder checkbox to apply the specified filter to all files and/or folders or you can check both. Click **Next** to proceed.

14. By default the Run scheduled backup for this backup set option is disabled. To create a backup schedule, slide the lever to the right to enable it.

**Schedule**

Run scheduled backup for this backup set

☐

15. To add a backup schedule, click the  button. Enter the information of the new backup schedule you want to add. Click the  button to continue.

**Backup Schedule**

**Details**

Name




Type

Start backup at

:

Stop

☒ Run Retention Policy after backup

16. Add a new backup destination for this backup set. From the Backup Mode dropdown box, select either Sequential or Concurrent. In our example, we selected Sequential.

### Destination

Backup Mode

Sequential



Concurrent

Sequential

+

|||

☐ Name

Add a Destination set by your backup service provider by clicking the  button. Select the destination and click the  button to continue.

### Add Destination

☐ Name

☐  AhsayCBS

☐  GoogleDrive-1

+

x

?

17. Uncheck the box to disable OpenDirect as this is not supported in Linux.


### Add New Backup Set

OpenDirect

☐ Support of opening backup data directly without restoration.

When OpenDirect is enabled, to optimize restore performance both compression and encryption will be disabled for this backup set.

Once OpenDirect is enabled and the setting is saved, it cannot be disabled without re-creating the backup set.

18. Leave the Domain Name / Host Name and User name fields blank since Windows User Authentication is not supported in Linux. Click the  button to create the Backup Set.





## Add New Backup Set

### Windows User Authentication

Domain Name (e.g. mycompany.com) / Host Name

User name




Password


   

19. This is the newly created backup set.

[User Profile](#)  
**[Backup Set](#)**  
[Settings](#)  
[Report](#)  
[Statistics](#)  
[Effective Policy](#)

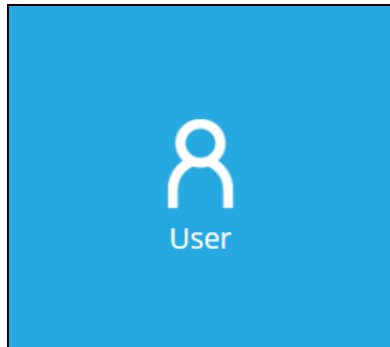
### Manage Backup Set ?



<input type="checkbox"/>	Name	Type	Version	Owner	Execute Job
<input type="checkbox"/>	default-backup-set-name-1		--	--	--

## 5.2 Edit an existing backup set to add filter

1. Login using a valid credentials.
2. On the main screen, under Backup / Restore, go to **User**.



3. Click the **Backup Set** located on the left side of the screen.
4. Select and manage one of the created backup sets by double clicking the desired item.

User Profile

**Backup Set**

Settings

Report

Statistics


Effective Policy

Manage Backup Set ?

+

🗑

📄

<input type="checkbox"/>	Name	Type	Version	Owner	Execute Job
<input type="checkbox"/>	default-backup-set-name-1		--	--	--

5. Follow [steps 6 to 13](#) which are discussed in Ch 5.1 Create a backup set with filter.

## 5.3 Verify the backup report and logs

There are two (2) ways to check the report. First, by checking the report file on the AhsayCBS Web Console and the second way is via Command Line Interface (CLI).

Backup Report via Web Console	Access the report via the web console by going to <b>Backup/Restore &gt; User &gt; Report</b> . Select the report that you wanted to check and download the PDF. Note that the PDF will only be available 15 minutes after the completion of backup.
Backup Logs via Command Line Interface (CLI)	Access the log file via the CLI by going to this directory, <b>#cd /root/.obm/log</b> . The logs in the .obm directory is where all the backup logs are located. Select the backup report you wanted to check. Unlike in the AhsayCBS Web Console, the log files are available right after the completion of backup.

For additional reference on the location of the application logs, access the link below:

[FAQ: Where are the backup client application logs stored at?](#)

# Appendix

## Appendix A Examples using Simple Comparison

### Appendix A.1 Windows OS

1. Filter files **containing the letter a**.
  - a. **Include them** in the backup with **Exclude all unmatched files/folders** unchecked.

**New Backup Filter**



Name

For each of the matched files/folders under top directory  
☒ Include them  
☐ Exclude them

☐ Exclude all unmatched files/folders

Match file/folder names by  
☒ Simple comparison  ▼  
☐ Regular expression (UNIX-style)

Existing patterns to match  

Add

Apply this filter to all files/folders in  
☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])  

Change

  
☐ This share requires access credentials

Apply to  
☒ File ☐ Folder

The result is:

**Advanced Backup Source**

Folders	Name
└─ This PC	<input checked="" type="checkbox"/> example.txt
└─ Windows-SSD (C:)	<input checked="" type="checkbox"/> filteringsample.xls
└─ \$WinREAgent	<input checked="" type="checkbox"/> filteringsample2.xls
└─ 1633592655019	<input checked="" type="checkbox"/> map_of_philippines.JPG
└─ alternate	<input checked="" type="checkbox"/> samplemap.JPG
└─ backup	<input type="checkbox"/> Test01.doc
└─ backup2	<input type="checkbox"/> Test02.doc
└─ cert	<input type="checkbox"/> Test03.doc



Explanation: As you can see in the screenshot above only the files containing the letter a is greyed out so this means those are the ones that matches the filter criteria.

#### Backup Report:

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: contains a, Types: contain, Top Directory: C:\filtersamples, Includes: Yes, Exclude: all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Patterns: [A]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Times: 20:0, Types: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: AM017L]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Links: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dir/File	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 10:10
2	new	C:\filtersamples	12K / 12K (0%)	02/17/2022 10:15
3	new	C:\filtersamples\example.txt	512 / 7K (92%)	12/17/2018 14:27
4	new	C:\filtersamples\filteringsample.xls	8K / 25K (67%)	08/08/2018 08:42
5	new	C:\filtersamples\filteringsample2.xls	8K / 25K (67%)	08/08/2018 08:42
6	new	C:\filtersamples\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
7	new	C:\filtersamples\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

#### Backup Log:

```
[2022/02/17 10:17:50] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 10:17:50] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 127.6MB (Current) / 1.8GB (Maximum); Physical Memory:
581.7MB (Free) / 7.7GB (Total)
[2022/02/17 10:17:50] [cbs] [1645063514408] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 10:17:51] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 10:17:51] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 10:17:53] [info] [1645063514408] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 10:17:53] [info] [1645063514408] Using Temporary Directory
C:\Users\user\temp\1645063280372\Local@1645063514408
[2022/02/17 10:17:53] [cbs] [1645063514408] info,Using Temporary
Directory C:\Users\user\temp\1645063280372\Local@1645063514408,0,0,0,,,
[2022/02/17 10:17:55] [hide] [1645063514408] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 10:17:55] [info] [-] Start running pre-commands
[2022/02/17 10:17:55] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 10:17:55] [info] [-] Finished running pre-commands
[2022/02/17 10:17:55] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 10:17:55] [info] [1645063514408] Downloading server file
list...
[2022/02/17 10:17:55] [info] [1645063514408] Downloading server file
list... Completed
[2022/02/17 10:17:56] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 10:17:56] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 10:17:56] [info] [1645063514408] Reading backup source from
hard disk...
[2022/02/17 10:17:56] [info] [1645063514408] Reading backup source from
hard disk... Completed
[2022/02/17 10:17:57] [info] [1645063514408] [New Directory]... C:\
```

```

[2022/02/17 10:17:57] [cbs] [1645063514408]
new,C:\,12288,12288,1645063847879,,,D
[2022/02/17 10:17:57] [info] [1645063514408] [New Directory]...
C:\filtersamples
[2022/02/17 10:17:57] [cbs] [1645063514408]
new,C:\filtersamples,12288,12288,1645064108673,,,D
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 10% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 20% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 30% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\example.txt"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 40% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 50% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\filteringsample.xls"
[2022/02/17 10:17:57] [cbs] [1645063514408]
new,C:\filtersamples\example.txt,512,7282,1545028063000,,,F
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 60% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\filteringsample2.xls"
[2022/02/17 10:17:57] [cbs] [1645063514408]
new,C:\filtersamples\filteringsample.xls,8288,25600,1533688940465,,,F
[2022/02/17 10:17:57] [cbs] [1645063514408]
new,C:\filtersamples\filteringsample2.xls,8288,25600,1533688940465,,,F
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 70% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 80% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 10% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 90% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 20% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:17:57] [cbs] [1645063514408]
new,C:\filtersamples\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 30% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 40% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 50% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 60% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 70% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 80% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 90% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:17:57] [hide] [1645063514408] Chunk:
Path="C:\filtersamples\map_of_philippines.JPG", Offset=0,
Length=1442384, Raw Length=1442376, Duplicated data ID=4,

```

```

RawChecksum=0A1889E9C2D4F12E, RawChecksumType=1,
BackupJob=20220217101749, BlockSeq=0, ChunkNo=4, FileID=6
[2022/02/17 10:17:57] [info] [1645063514408] Deduplication Info:
File="C:\filtersamples\map_of_philippines.JPG", duplicated
file="C:\filtersamples\samplemap.JPG (2022-02-17-10-17-49)",
size="1,442,376"
[2022/02/17 10:17:57] [cbs] [1645063514408] info,"Deduplication Info:
File=\"C:\\filtersamples\\map_of_philippines.JPG\", duplicated
file=\"C:\\filtersamples\\samplemap.JPG (2022-02-17-10-17-49)\",
size=\"1,442,376\\\"\",0,0,0,,,
[2022/02/17 10:17:57] [cbs] [1645063514408]
new,C:\filtersamples\map_of_philippines.JPG,1442384,1442376,15183178851
64,,,F
[2022/02/17 10:17:58] [info] [1645063514408] Start validating the
presence and size of backup data in destination "Local-1"...
[2022/02/17 10:17:58] [cbs] [1645063514408] info,"Start validating the
presence and size of backup data in destination \"Local-
1\\\"\",0,0,0,,,
[2022/02/17 10:17:58] [info] [1645063514408] File:
"1645063280372/blocks/2022-02-17-10-17-49/0/000000.bak", Size:
1,442,384, OK
[2022/02/17 10:17:58] [cbs] [1645063514408] info,"File:
\"1645063280372/blocks/2022-02-17-10-17-49/0/000000.bak\", Size:
1,442,384, OK\",0,0,0,,,
[2022/02/17 10:17:58] [info] [1645063514408] File:
"1645063280372/blocks/2022-02-17-10-17-49/0/000001.bak", Size: 17,088,
OK
[2022/02/17 10:17:58] [cbs] [1645063514408] info,"File:
\"1645063280372/blocks/2022-02-17-10-17-49/0/000001.bak\", Size:
17,088, OK\",0,0,0,,,
[2022/02/17 10:17:58] [info] [1645063514408] Finished validating the
presence and size of backup data in destination "Local-1"
[2022/02/17 10:17:58] [cbs] [1645063514408] info,"Finished validating
the presence and size of backup data in destination \"Local-
1\\\"\",0,0,0,,,
[2022/02/17 10:17:58] [info] [1645063514408] Total New Files = 5
[2022/02/17 10:17:58] [info] [1645063514408] Total New Directories = 2
[2022/02/17 10:17:58] [info] [1645063514408] Total New Links = 0
[2022/02/17 10:17:58] [info] [1645063514408] Total Updated Files = 0
[2022/02/17 10:17:58] [info] [1645063514408] Total Attributes Changed
Files = 0
[2022/02/17 10:17:58] [info] [1645063514408] Total Deleted Files = 0
[2022/02/17 10:17:58] [info] [1645063514408] Total Deleted Directories
= 0
[2022/02/17 10:17:58] [info] [1645063514408] Total Deleted Links = 0
[2022/02/17 10:17:58] [info] [1645063514408] Total Moved Files = 0
[2022/02/17 10:17:58] [info] [1645063514408] Total Dedupe Saving for
this job = 1.38MB
[2022/02/17 10:17:58] [info] [1645063514408] Total Backup Data Size for
this job = 2.81MB
[2022/02/17 10:17:58] [info] [1645063514408] Total Dedupe Saving for
destination = 1.38MB
[2022/02/17 10:17:58] [info] [1645063514408] Total Backup Data Size for
destination = 2.81MB
[2022/02/17 10:17:58] [info] [1645063514408] Start running retention
policy on backup set "contains a(1645063280372)", "Local-
1(1645063514408)"
[2022/02/17 10:17:58] [cbs] [1645063514408] info,"Start running
retention policy on backup set \"contains a(1645063280372)\", \"Local-
1(1645063514408)\\\"\",0,0,0,,,
[2022/02/17 10:17:58] [info] [1645063514408] Start processing space
freeing up on backup set= "contains a (1645063280372)" destination=
"Local-1 (1645063514408)"

```

```

[2022/02/17 10:17:58] [cbs] [1645063514408] info,"Start processing
space freeing up on backup set= \"contains a (1645063280372)\"
destination= \"Local-1 (1645063514408)\"\",0,0,0,,,
[2022/02/17 10:17:58] [info] [1645063514408] Space freeing up on backup
set= \"contains a (1645063280372)\" destination= \"Local-1
(1645063514408)\" is completed
[2022/02/17 10:17:58] [cbs] [1645063514408] info,\"Space freeing up on
backup set= \"contains a (1645063280372)\" destination= \"Local-1
(1645063514408)\" is completed\",0,0,0,,,
[2022/02/17 10:17:58] [info] [1645063514408] Finished running retention
policy on backup set \"contains a(1645063280372)\", \"Local-
1(1645063514408)\"
[2022/02/17 10:17:58] [cbs] [1645063514408] info,\"Finished running
retention policy on backup set \"contains a(1645063280372)\"\", \"Local-
1(1645063514408)\"\",0,0,0,,,
[2022/02/17 10:17:59] [info] [-] Saving server information to
destination.
[2022/02/17 10:17:59] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 10:17:59] [info] [1645063514408] Saving encrypted backup
file index to 1645063280372/blocks/2022-02-17-10-17-49 at destination
Local-1...
[2022/02/17 10:17:59] [hide] [1645063514408] Transfer
file='1645063280372/blocks/2022-02-17-10-17-
49\\index.db.21000.17f0578d433.cgz'
[2022/02/17 10:17:59] [hide] [1645063514408] Transfer
file='1645063280372/blocks/2022-02-17-10-17-49\\index.db_2022-02-17-10-
17-49.chk.68.17f0578d47f.cgz'
[2022/02/17 10:17:59] [hide] [1645063514408] Transfer index.metadata,
file= '1645063280372/blocks/2022-02-17-10-17-49\\index.metadata.cgz'
[2022/02/17 10:17:59] [hide] [1645063514408] Transfer
file='1645063280372/blocks/2022-02-17-10-17-
49\\backupInfo.db.b000.17f0578d43d.cgz'
[2022/02/17 10:17:59] [hide] [1645063514408] Transfer
file='1645063280372/logs\\Backup\\2022-02-17-10-17-
49.log.2860.17f0578d49d.cgz'
[2022/02/17 10:17:59] [info] [-] Start running post-commands
[2022/02/17 10:17:59] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 10:17:59] [info] [-] Finished running post-commands
[2022/02/17 10:17:59] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 10:17:59] [info] [1645063514408] Deleting temporary file
C:\\Users\\user\\temp\\1645063280372\\Local@1645063514408
[2022/02/17 10:18:03] [info] [1645063514408] Backup Completed
Successfully
[2022/02/17 10:18:03] [cbs] [1645063514408]
end,BS_STOP_SUCCESS,0,0,0,,,

```

- b. Another scenario is still the same with the one above but this time the **Exclude all unmatched files/folders** box is checked.

### New Backup Filter

Name

For each of the matched files/folders under top directory

☒ Include them  
☐ Exclude them

☒ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison   
☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

Apply to

☒ File ☐ Folder

The result is:

### Advanced Backup Source

Folders	Name
└─ This PC	<input checked="" type="checkbox"/> example.txt
└─ Windows-SSD (C:)	<input checked="" type="checkbox"/> filteringsample.xls
└─ \$WinREAgent	<input checked="" type="checkbox"/> filteringsample2.xls
└─ 1633592655019	<input checked="" type="checkbox"/> map_of_philippines.JPG
└─ alternate	<input checked="" type="checkbox"/> samplemap.JPG
└─ backup	<input type="checkbox"/> Test01.doc
└─ backup2	<input type="checkbox"/> Test02.doc
└─ cert	<input type="checkbox"/> Test03.doc

Explanation: All the files that contains the letter a will be included in the backup and the rest will be excluded since the option to exclude all unmatched files was checked. Since all the files match the filter criteria, that's why they are greyed out.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: contains a, Type: contain, Top Directory: C:\filtersamples, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to : No, Apply to files: Yes, Pattern: [A]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 10:10
2	new	C:\filtersamples	12K / 12K (0%)	02/17/2022 10:15
3	new	C:\filtersamples\filteringsample2.xls	8K / 25K (67%)	08/08/2018 08:42
4	new	C:\filtersamples\example.txt	512 / 7K (92%)	12/17/2018 14:27
5	new	C:\filtersamples\filteringsample.xls	8K / 25K (67%)	08/08/2018 08:42
6	new	C:\filtersamples\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
7	new	C:\filtersamples\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

## Backup Log:

```
[2022/02/17 10:41:32] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 10:41:32] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 84.9MB (Current) / 1.8GB (Maximum); Physical Memory: 1.1GB
(Free) / 7.7GB (Total)
[2022/02/17 10:41:32] [cbs] [1645063514408] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 10:41:32] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 10:41:32] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 10:41:34] [info] [1645063514408] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 10:41:34] [info] [1645063514408] Using Temporary Directory
C:\Users\user\temp\1645063280372\Local@1645063514408
[2022/02/17 10:41:34] [cbs] [1645063514408] info,Using Temporary
Directory C:\Users\user\temp\1645063280372\Local@1645063514408,0,0,0,,,
[2022/02/17 10:41:35] [hide] [1645063514408] Run Periodic DIC since the
last run is over 7 days.
[2022/02/17 10:41:35] [info] [1645063514408] Start Periodic Data
Integrity Check on backup set = "contains a" destination = "Local-1"
[2022/02/17 10:41:35] [cbs] [1645063514408] info,"Start Periodic Data
Integrity Check on backup set = \"contains a\" destination = \"Local-
1\"",0,0,0,,,
[2022/02/17 10:41:35] [info] [1645063514408] Start data integrity check
on backup set "contains a(1645063280372)", "Local-1(1645063514408)",
crc disabled, rebuild index disabled
[2022/02/17 10:41:35] [cbs] [1645063514408] info,"Start data integrity
check on backup set \"contains a(1645063280372)\", \"Local-
1(1645063514408)\", crc disabled, rebuild index disabled",0,0,0,,,
[2022/02/17 10:41:35] [info] [1645063514408] Start processing data
integrity check on backup set= "contains a" destination= "Local-1"
[2022/02/17 10:41:35] [cbs] [1645063514408] info,"Start processing data
integrity check on backup set= \"contains a\" destination= \"Local-
1\"",0,0,0,,,
[2022/02/17 10:41:36] [info] [1645063514408] Skipped to run Data
Integrity Check for backup set "contains a" in destination "Local-1"
because no data is in index.
[2022/02/17 10:41:36] [cbs] [1645063514408] info,"Skipped to run Data
Integrity Check for backup set \"contains a\" in destination \"Local-
1\" because no data is in index.",0,0,0,,,
```



```

[2022/02/17 10:41:37] [info] [1645063514408] Data integrity check on
backup set= "contains a" destination= "Local-1" is completed
[2022/02/17 10:41:37] [cbs] [1645063514408] info,"Data integrity check
on backup set= \"contains a\" destination= \"Local-1\" is
completed",0,0,0,,,
[2022/02/17 10:41:37] [info] [1645063514408] Finished data integrity
check on backup set "contains a(1645063280372)", "Local-
1(1645063514408)", crc disabled, rebuild index disabled
[2022/02/17 10:41:37] [cbs] [1645063514408] info,"Finished data
integrity check on backup set \"contains a(1645063280372)\", \"Local-
1(1645063514408)\", crc disabled, rebuild index disabled",0,0,0,,,
[2022/02/17 10:41:37] [info] [1645063514408] Completed data integrity
check on backup set "contains a(1645063280372)", "Local-
1(1645063514408)", crc disabled, rebuild index disabled
[2022/02/17 10:41:37] [cbs] [1645063514408] info,"Completed data
integrity check on backup set \"contains a(1645063280372)\", \"Local-
1(1645063514408)\", crc disabled, rebuild index disabled",0,0,0,,,
[2022/02/17 10:41:37] [info] [-] Start running pre-commands
[2022/02/17 10:41:37] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 10:41:37] [info] [-] Finished running pre-commands
[2022/02/17 10:41:37] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 10:41:38] [info] [1645063514408] Downloading server file
list...
[2022/02/17 10:41:38] [info] [1645063514408] Downloading server file
list... Completed
[2022/02/17 10:41:39] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 10:41:39] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 10:41:39] [info] [1645063514408] Reading backup source from
hard disk...
[2022/02/17 10:41:39] [info] [1645063514408] Reading backup source from
hard disk... Completed
[2022/02/17 10:41:39] [info] [1645063514408] [New Directory]... C:\
[2022/02/17 10:41:39] [cbs] [1645063514408]
new,C:\,12288,12288,1645063847879,,,D
[2022/02/17 10:41:39] [info] [1645063514408] [New Directory]...
C:\filtersamples
[2022/02/17 10:41:39] [cbs] [1645063514408]
new,C:\filtersamples,12288,12288,1645064108673,,,D
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\filteringsample.xls"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\example.txt"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\filteringsample2.xls"
[2022/02/17 10:41:39] [cbs] [1645063514408]
new,C:\filtersamples\filteringsample2.xls,8288,25600,1533688940465,,,F
[2022/02/17 10:41:39] [cbs] [1645063514408]
new,C:\filtersamples\example.txt,512,7282,1545028063000,,,F
[2022/02/17 10:41:39] [cbs] [1645063514408]
new,C:\filtersamples\filteringsample.xls,8288,25600,1533688940465,,,F
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 10% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 20% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 30% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 10% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 20% of
"C:\filtersamples\map_of_philippines.JPG"

```

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[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 40% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 50% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 30% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 60% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 40% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 70% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 50% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 80% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 90% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 60% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 10:41:39] [cbs] [1645063514408]
new,C:\filtersamples\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 70% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 80% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 90% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [info] [1645063514408] [New File]... 100% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 10:41:39] [hide] [1645063514408] Chunk:
Path="C:\filtersamples\map_of_philippines.JPG", Offset=512,
Length=1442384, Raw Length=1442376, Duplicated data ID=4,
RawChecksum=0A1889E9C2D4F12E, RawChecksumType=1,
BackupJob=20220217104130, BlockSeq=1, ChunkNo=4, FileID=6
[2022/02/17 10:41:39] [info] [1645063514408] Deduplication Info:
File="C:\filtersamples\map_of_philippines.JPG", duplicated
file="C:\filtersamples\samplemap.JPG (2022-02-17-10-41-30)",
size="1,442,376"
[2022/02/17 10:41:39] [cbs] [1645063514408] info,"Deduplication Info:
File="\C:\\filtersamples\\map_of_philippines.JPG\", duplicated
file="\C:\\filtersamples\\samplemap.JPG (2022-02-17-10-41-30)\",
size="\1,442,376\"",0,0,0,,,
[2022/02/17 10:41:40] [cbs] [1645063514408]
new,C:\filtersamples\map_of_philippines.JPG,1442384,1442376,15183178851
64,,,F
[2022/02/17 10:41:40] [info] [1645063514408] Start validating the
presence and size of backup data in destination "Local-1"...
[2022/02/17 10:41:40] [cbs] [1645063514408] info,"Start validating the
presence and size of backup data in destination \"Local-
1\"...\",0,0,0,,,
[2022/02/17 10:41:40] [info] [1645063514408] File:
"1645063280372/blocks/2022-02-17-10-41-30/0/000000.bak", Size: 16,576,
OK
[2022/02/17 10:41:40] [cbs] [1645063514408] info,"File:
\"1645063280372/blocks/2022-02-17-10-41-30/0/000000.bak\", Size:
16,576, OK",0,0,0,,,
[2022/02/17 10:41:40] [info] [1645063514408] File:
"1645063280372/blocks/2022-02-17-10-41-30/0/000001.bak", Size:
1,442,896, OK

```



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[2022/02/17 10:41:40] [cbs] [1645063514408] info,"File:
\"1645063280372/blocks/2022-02-17-10-41-30/0/000001.bak\", Size:
1,442,896, OK",0,0,0,,,
[2022/02/17 10:41:40] [info] [1645063514408] Finished validating the
presence and size of backup data in destination "Local-1"
[2022/02/17 10:41:40] [cbs] [1645063514408] info,"Finished validating
the presence and size of backup data in destination \"Local-
1\" ",0,0,0,,,
[2022/02/17 10:41:40] [info] [1645063514408] Total New Files = 5
[2022/02/17 10:41:40] [info] [1645063514408] Total New Directories = 2
[2022/02/17 10:41:40] [info] [1645063514408] Total New Links = 0
[2022/02/17 10:41:40] [info] [1645063514408] Total Updated Files = 0
[2022/02/17 10:41:40] [info] [1645063514408] Total Attributes Changed
Files = 0
[2022/02/17 10:41:40] [info] [1645063514408] Total Deleted Files = 0
[2022/02/17 10:41:40] [info] [1645063514408] Total Deleted Directories
= 0
[2022/02/17 10:41:40] [info] [1645063514408] Total Deleted Links = 0
[2022/02/17 10:41:40] [info] [1645063514408] Total Moved Files = 0
[2022/02/17 10:41:40] [info] [1645063514408] Total Dedupe Saving for
this job = 1.38MB
[2022/02/17 10:41:40] [info] [1645063514408] Total Backup Data Size for
this job = 2.81MB
[2022/02/17 10:41:40] [info] [1645063514408] Total Dedupe Saving for
destination = 1.38MB
[2022/02/17 10:41:40] [info] [1645063514408] Total Backup Data Size for
destination = 2.81MB
[2022/02/17 10:41:40] [info] [1645063514408] Start running retention
policy on backup set "contains a(1645063280372)", "Local-
1(1645063514408)"
[2022/02/17 10:41:40] [cbs] [1645063514408] info,"Start running
retention policy on backup set \"contains a(1645063280372)\", \"Local-
1(1645063514408)\" ",0,0,0,,,
[2022/02/17 10:41:40] [info] [1645063514408] Start processing space
freeing up on backup set= "contains a (1645063280372)" destination=
"Local-1 (1645063514408)"
[2022/02/17 10:41:40] [cbs] [1645063514408] info,"Start processing
space freeing up on backup set= \"contains a (1645063280372)\",
destination= \"Local-1 (1645063514408)\" ",0,0,0,,,
[2022/02/17 10:41:41] [info] [1645063514408] Space freeing up on backup
set= "contains a (1645063280372)" destination= "Local-1
(1645063514408)" is completed
[2022/02/17 10:41:41] [cbs] [1645063514408] info,"Space freeing up on
backup set= \"contains a (1645063280372)\", destination= \"Local-1
(1645063514408)\" is completed",0,0,0,,,
[2022/02/17 10:41:41] [info] [1645063514408] Finished running retention
policy on backup set "contains a(1645063280372)", "Local-
1(1645063514408)"
[2022/02/17 10:41:41] [cbs] [1645063514408] info,"Finished running
retention policy on backup set \"contains a(1645063280372)\", \"Local-
1(1645063514408)\" ",0,0,0,,,
[2022/02/17 10:41:41] [info] [-] Saving server information to
destination.
[2022/02/17 10:41:41] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 10:41:41] [info] [1645063514408] Saving encrypted backup
file index to 1645063280372/blocks/2022-02-17-10-41-30 at destination
Local-1...
[2022/02/17 10:41:41] [hide] [1645063514408] Transfer
file='1645063280372/blocks/2022-02-17-10-41-
30\\index.db.21000.17f058e87fc.cgz'
[2022/02/17 10:41:41] [hide] [1645063514408] Transfer
file='1645063280372/blocks/2022-02-17-10-41-30\\index.db_2022-02-17-10-
41-30.chk.68.17f058e8823.cgz'

```

```

[2022/02/17 10:41:41] [hide] [1645063514408] Transfer index.metadata,
file= '1645063280372/blocks/2022-02-17-10-41-30\index.metadata.cgz'
[2022/02/17 10:41:41] [hide] [1645063514408] Transfer
file='1645063280372/blocks/2022-02-17-10-41-
30\backupInfo.db.b000.17f058e8806.cgz'
[2022/02/17 10:41:41] [hide] [1645063514408] Transfer
file='1645063280372/logs\Backup\2022-02-17-10-17-
49.log.2b14.17f0578e75e.cgz'
[2022/02/17 10:41:41] [hide] [1645063514408] Transfer
file='1645063280372/logs\Backup\2022-02-17-10-40-
29.log.1e99.17f058d96b5.cgz'
[2022/02/17 10:41:41] [hide] [1645063514408] Transfer
file='1645063280372/logs\Backup\2022-02-17-10-41-
30.log.3176.17f058e883d.cgz'
[2022/02/17 10:41:41] [info] [-] Start running post-commands
[2022/02/17 10:41:41] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 10:41:41] [info] [-] Finished running post-commands
[2022/02/17 10:41:41] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 10:41:41] [info] [1645063514408] Deleting temporary file
C:\Users\user\temp\1645063280372\Local@1645063514408
[2022/02/17 10:41:43] [info] [1645063514408] Backup Completed
Successfully
[2022/02/17 10:41:43] [cbs] [1645063514408]
end,BS_STOP_SUCCESS,0,0,0,,,

```

2. Filter all files that **ends with the letter s**.

a. **Exclude them** from the backup with **Include all unmatched files/folders** checked.

**Backup Filter**

Name

For each of the matched files/folders under top directory

☐ Include them  
☒ Exclude them

☒ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison   
☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

Apply to  
☒ File ☐ Folder

The result is:

**Advanced Backup Source**

Folders	Name
☑ This PC	☑ example.txt
☐ Windows-SSD (C:)	☐ filteringsample.xls
☐ \$WinREAgent	☐ filteringsample2.xls
☐ 1633592655019	☑ map_of_philippines.JPG
☐ alternate	☑ samplemap.JPG
☐ backup	☑ Test01.doc
☐ backup2	☑ Test02.doc
☐ cert	☑ Test03.doc

Explanation: All the files that does not end with the letter s will be included in the backup. Also the filter will be based on the last letter of the whole file which includes the filename extension, that is why only the xls files are excluded from the backup. And the map\_of\_philippines is included since it is a jpg file so the last letter of the file is the letter g.

#### Backup Report:

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: ends s, Type: ends with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [s]]			
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: AM017L]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 10:10
2	new	C:\filtersamples	12K / 12K (0%)	02/17/2022 10:15
3	new	C:\filtersamples\Test01.doc	6K / 39K (82%)	02/17/2022 10:14
4	new	C:\filtersamples\Test02.doc	8K / 48K (83%)	02/17/2022 10:14
5	new	C:\filtersamples\example.txt	208 / 7K (97%)	12/17/2018 14:27
6	new	C:\filtersamples\Test03.doc	7K / 48K (83%)	02/17/2022 10:15
7	new	C:\filtersamples\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
8	new	C:\filtersamples\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

#### Backup Log:

```
[2022/02/17 11:02:15] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 11:02:15] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 52MB (Current) / 1.8GB (Maximum); Physical Memory: 1.1GB
(Free) / 7.7GB (Total)
[2022/02/17 11:02:15] [cbs] [1645002656625] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 11:02:15] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 11:02:15] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 11:02:17] [info] [1645002656625] Start Backup ...
[ Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 11:02:17] [info] [1645002656625] Using Temporary Directory
C:\Users\user\temp\1645002603019\OBS@1645002656625
[2022/02/17 11:02:17] [cbs] [1645002656625] info,Using Temporary
Directory C:\Users\user\temp\1645002603019\OBS@1645002656625,0,0,0,,,
[2022/02/17 11:02:19] [hide] [1645002656625] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 11:02:19] [info] [-] Start running pre-commands
[2022/02/17 11:02:19] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 11:02:19] [info] [-] Finished running pre-commands
[2022/02/17 11:02:19] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 11:02:19] [info] [1645002656625] Downloading server file
list...
[2022/02/17 11:02:20] [info] [1645002656625] Downloading server file
list... Completed
[2022/02/17 11:02:21] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 11:02:21] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 11:02:21] [info] [1645002656625] Reading backup source from
hard disk...
```

```

[2022/02/17 11:02:21] [info] [1645002656625] Reading backup source from
hard disk... Completed
[2022/02/17 11:02:22] [info] [1645002656625] [New Directory]... C:\
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\,12288,12288,1645063847879,,,D
[2022/02/17 11:02:22] [info] [1645002656625] [New Directory]...
C:\filtersamples
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\filtersamples,12288,12288,1645064108673,,,D
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 100% of
"C:\filtersamples\Test01.doc"
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\filtersamples\Test01.doc,6976,39936,1645064074632,,,F
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 100% of
"C:\filtersamples\Test02.doc"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 100% of
"C:\filtersamples\Test03.doc"
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\filtersamples\Test02.doc,8416,49664,1645064091739,,,F
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 100% of
"C:\filtersamples\example.txt"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 10% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\filtersamples\example.txt,208,7282,1545028063000,,,F
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\filtersamples\Test03.doc,7968,49152,1645064107404,,,F
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 20% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 10% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 30% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 20% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 40% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 30% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 50% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 40% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 60% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 50% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 70% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 60% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 80% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 70% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 90% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 80% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 100% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\filtersamples\samplemap.JPG,1442384,1442376,1518317885164,,,F

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[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 90% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [info] [1645002656625] [New File]... 100% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:02:22] [hide] [1645002656625] Chunk:
Path="C:\filtersamples\map_of_philippines.JPG", Offset=8416,
Length=1442384, Raw Length=1442376, Duplicated data ID=5,
RawChecksum=0A1889E9C2D4F12E, RawChecksumType=1,
BackupJob=20220217110214, BlockSeq=1, ChunkNo=5, FileID=5
[2022/02/17 11:02:22] [info] [1645002656625] Deduplication Info:
File="C:\filtersamples\map_of_philippines.JPG", duplicated
file="C:\filtersamples\samplemap.JPG (2022-02-17-11-02-14)",
size="1,442,376"
[2022/02/17 11:02:22] [cbs] [1645002656625] info,"Deduplication Info:
File=\"C:\\filtersamples\\map_of_philippines.JPG\", duplicated
file=\"C:\\filtersamples\\samplemap.JPG (2022-02-17-11-02-14)\",
size=\"1,442,376\",0,0,0,,,
[2022/02/17 11:02:22] [cbs] [1645002656625]
new,C:\filtersamples\map_of_philippines.JPG,1442384,1442376,15183178851
64,,,F
[2022/02/17 11:02:28] [info] [1645002656625] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 11:02:28] [cbs] [1645002656625] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:02:28] [info] [1645002656625] File:
"1645002603019/blocks/2022-02-17-11-02-14/0/000000.bak", Size: 15,152,
OK
[2022/02/17 11:02:28] [cbs] [1645002656625] info,"File:
\"1645002603019/blocks/2022-02-17-11-02-14/0/000000.bak\", Size:
15,152, OK",0,0,0,,,
[2022/02/17 11:02:28] [info] [1645002656625] File:
"1645002603019/blocks/2022-02-17-11-02-14/0/000001.bak", Size:
1,450,800, OK
[2022/02/17 11:02:28] [cbs] [1645002656625] info,"File:
\"1645002603019/blocks/2022-02-17-11-02-14/0/000001.bak\", Size:
1,450,800, OK",0,0,0,,,
[2022/02/17 11:02:28] [info] [1645002656625] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 11:02:28] [cbs] [1645002656625] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:02:28] [info] [1645002656625] Total New Files = 6
[2022/02/17 11:02:28] [info] [1645002656625] Total New Directories = 2
[2022/02/17 11:02:28] [info] [1645002656625] Total New Links = 0
[2022/02/17 11:02:28] [info] [1645002656625] Total Updated Files = 0
[2022/02/17 11:02:28] [info] [1645002656625] Total Attributes Changed
Files = 0
[2022/02/17 11:02:28] [info] [1645002656625] Total Deleted Files = 0
[2022/02/17 11:02:28] [info] [1645002656625] Total Deleted Directories
= 0
[2022/02/17 11:02:28] [info] [1645002656625] Total Deleted Links = 0
[2022/02/17 11:02:28] [info] [1645002656625] Total Moved Files = 0
[2022/02/17 11:02:28] [info] [1645002656625] Total Dedupe Saving for
this job = 1.38MB
[2022/02/17 11:02:28] [info] [1645002656625] Total Backup Data Size for
this job = 2.89MB
[2022/02/17 11:02:28] [info] [1645002656625] Total Dedupe Saving for
destination = 1.38MB
[2022/02/17 11:02:28] [info] [1645002656625] Total Backup Data Size for
destination = 2.89MB
[2022/02/17 11:02:28] [info] [1645002656625] Start running retention
policy on backup set "ends S(1645002603019)", "AhsayCBS(1645002656625)"

```

```

[2022/02/17 11:02:28] [cbs] [1645002656625] info,"Start running
retention policy on backup set \"ends S(1645002603019)\",
\"AhsayCBS(1645002656625)\",0,0,0,,,
[2022/02/17 11:02:28] [info] [1645002656625] Start processing space
freeing up on backup set= \"ends S (1645002603019)\" destination=
\"AhsayCBS (1645002656625)\"
[2022/02/17 11:02:28] [cbs] [1645002656625] info,\"Start processing
space freeing up on backup set= \"ends S (1645002603019)\", destination=
\"AhsayCBS (1645002656625)\",0,0,0,,,
[2022/02/17 11:02:29] [info] [1645002656625] Space freeing up on backup
set= \"ends S (1645002603019)\" destination= \"AhsayCBS (1645002656625)\"
is completed
[2022/02/17 11:02:29] [cbs] [1645002656625] info,\"Space freeing up on
backup set= \"ends S (1645002603019)\", destination= \"AhsayCBS
(1645002656625)\", is completed\",0,0,0,,,
[2022/02/17 11:02:29] [info] [1645002656625] Finished running retention
policy on backup set \"ends S(1645002603019)\", \"AhsayCBS(1645002656625)\"
[2022/02/17 11:02:29] [cbs] [1645002656625] info,\"Finished running
retention policy on backup set \"ends S(1645002603019)\",
\"AhsayCBS(1645002656625)\",0,0,0,,,
[2022/02/17 11:02:29] [info] [-] Saving server information to
destination.
[2022/02/17 11:02:29] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 11:02:30] [info] [1645002656625] Saving encrypted backup
file index to 1645002603019/blocks/2022-02-17-11-02-14 at destination
AhsayCBS...
[2022/02/17 11:02:30] [hide] [1645002656625] Transfer
file='1645002603019/blocks/2022-02-17-11-02-
14/index.db.21000.17f05a198b2.cgz'
[2022/02/17 11:02:31] [hide] [1645002656625] Transfer
file='1645002603019/blocks/2022-02-17-11-02-14/index.db_2022-02-17-11-
02-14.chk.0.17f05a198c6.cgz'
[2022/02/17 11:02:31] [hide] [1645002656625] Transfer index.metadata,
file= '1645002603019/blocks/2022-02-17-11-02-14/index.metadata.cgz'
[2022/02/17 11:02:31] [hide] [1645002656625] Transfer
file='1645002603019/blocks/2022-02-17-11-02-
14/backupInfo.db.b000.17f05a198bd.cgz'
[2022/02/17 11:02:31] [info] [-] Start running post-commands
[2022/02/17 11:02:31] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 11:02:31] [info] [-] Finished running post-commands
[2022/02/17 11:02:31] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 11:02:31] [info] [1645002656625] Deleting temporary file
C:\Users\user\temp\1645002603019\OBS@1645002656625
[2022/02/17 11:02:35] [info] [1645002656625] Backup Completed
Successfully
[2022/02/17 11:02:35] [cbs] [1645002656625]
end,BS_STOP_SUCCESS,0,0,0,,,

```



- b. Another scenario is still the same as the one above, but this time the **Include all unmatched files/folders** is left unchecked.

**Backup Filter**

Name

For each of the matched files/folders under top directory

☐ Include them  
☒ Exclude them

☐ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison  ▼  
☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

Apply to  
☒ File ☐ Folder

The result is:

**Advanced Backup Source**

Folders	Name
[-] This PC	<input type="checkbox"/> example.txt
[-] Windows-SSD (C:)	<input type="checkbox"/> filteringsample.xls
[-] \$WinREAgent	<input type="checkbox"/> filteringsample2.xls
[-] 1633592655019	<input type="checkbox"/> map_of_philippines.JPG
[-] alternate	<input type="checkbox"/> samplemap.JPG
[-] backup	<input type="checkbox"/> Test01.doc
[-] backup2	<input type="checkbox"/> Test02.doc
[-] cert	<input type="checkbox"/> Test03.doc

Explanation: No file will be included in the backup since the filter does not say to include all unmatched files/folders. As you can see from the screenshot above, only the xls files were filtered since it matches the criteria of the filter.



## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: ends s, Type: ends with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [s]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes]][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
-----	------	------------	------	---------------

## Backup Log:

```
[2022/02/17 11:18:39] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 11:18:39] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 90.2MB (Current) / 1.8GB (Maximum); Physical Memory: 1.1GB
(Free) / 7.7GB (Total)
[2022/02/17 11:18:39] [cbs] [1645002656625] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 11:18:39] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 11:18:39] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 11:18:40] [info] [1645002656625] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 11:18:40] [info] [1645002656625] Using Temporary Directory
C:\Users\user\temp\1645002603019\OBS@1645002656625
[2022/02/17 11:18:40] [cbs] [1645002656625] info,Using Temporary
Directory C:\Users\user\temp\1645002603019\OBS@1645002656625,0,0,0,,,
[2022/02/17 11:18:42] [hide] [1645002656625] Run Periodic DIC since the
last run is over 7 days.
[2022/02/17 11:18:42] [info] [1645002656625] Start Periodic Data
Integrity Check on backup set = "ends S" destination = "AhsayCBS"
[2022/02/17 11:18:42] [cbs] [1645002656625] info,"Start Periodic Data
Integrity Check on backup set = \"ends S\" destination =
\"AhsayCBS\\\",0,0,0,,,
[2022/02/17 11:18:42] [info] [1645002656625] Start data integrity check
on backup set "ends S(1645002603019)", "AhsayCBS(1645002656625)", crc
disabled, rebuild index disabled
[2022/02/17 11:18:42] [cbs] [1645002656625] info,"Start data integrity
check on backup set \"ends S(1645002603019)\",
\"AhsayCBS(1645002656625)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:18:42] [info] [1645002656625] Start processing data
integrity check on backup set= "ends S" destination= "AhsayCBS"
[2022/02/17 11:18:42] [cbs] [1645002656625] info,"Start processing data
integrity check on backup set= \"ends S\" destination=
\"AhsayCBS\\\",0,0,0,,,
[2022/02/17 11:18:43] [info] [1645002656625] Skipped to run Data
Integrity Check for backup set "ends S" in destination "AhsayCBS"
because no data is in index.
[2022/02/17 11:18:43] [cbs] [1645002656625] info,"Skipped to run Data
Integrity Check for backup set \"ends S\" in destination \"AhsayCBS\"
because no data is in index.",0,0,0,,,
[2022/02/17 11:18:44] [info] [1645002656625] Data integrity check on
backup set= "ends S" destination= "AhsayCBS" is completed
```

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[2022/02/17 11:18:44] [cbs] [1645002656625] info,"Data integrity check
on backup set= \"ends S\" destination= \"AhsayCBS\" is
completed",0,0,0,,,
[2022/02/17 11:18:44] [info] [1645002656625] Finished data integrity
check on backup set "ends S(1645002603019)", "AhsayCBS(1645002656625)",
crc disabled, rebuild index disabled
[2022/02/17 11:18:44] [cbs] [1645002656625] info,"Finished data
integrity check on backup set \"ends S(1645002603019)\",
\"AhsayCBS(1645002656625)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:18:44] [info] [1645002656625] Completed data integrity
check on backup set "ends S(1645002603019)", "AhsayCBS(1645002656625)",
crc disabled, rebuild index disabled
[2022/02/17 11:18:44] [cbs] [1645002656625] info,"Completed data
integrity check on backup set \"ends S(1645002603019)\",
\"AhsayCBS(1645002656625)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:18:44] [info] [-] Start running pre-commands
[2022/02/17 11:18:44] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 11:18:44] [info] [-] Finished running pre-commands
[2022/02/17 11:18:44] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 11:18:44] [info] [1645002656625] Downloading server file
list...
[2022/02/17 11:18:45] [info] [1645002656625] Downloading server file
list... Completed
[2022/02/17 11:18:46] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 11:18:46] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 11:18:46] [info] [1645002656625] Reading backup source from
hard disk...
[2022/02/17 11:18:46] [info] [1645002656625] Reading backup source from
hard disk... Completed
[2022/02/17 11:18:47] [info] [1645002656625] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 11:18:47] [cbs] [1645002656625] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:18:47] [info] [1645002656625] This backup job has no
backup data in destination "AhsayCBS"
[2022/02/17 11:18:47] [cbs] [1645002656625] info,"This backup job has
no backup data in destination \"AhsayCBS\"",0,0,0,,,
[2022/02/17 11:18:47] [info] [1645002656625] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 11:18:47] [cbs] [1645002656625] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"",0,0,0,,,
[2022/02/17 11:18:47] [info] [1645002656625] Total New Files = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total New Directories = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total New Links = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total Updated Files = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total Attributes Changed
Files = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total Deleted Files = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total Deleted Directories
= 0
[2022/02/17 11:18:47] [info] [1645002656625] Total Deleted Links = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total Moved Files = 0
[2022/02/17 11:18:47] [info] [1645002656625] Total Dedupe Saving for
this job = 0B
[2022/02/17 11:18:47] [info] [1645002656625] Total Backup Data Size for
this job = 0B

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[2022/02/17 11:18:47] [info] [1645002656625] Total Dedupe Saving for
destination = 0B
[2022/02/17 11:18:47] [info] [1645002656625] Total Backup Data Size for
destination = 0B
[2022/02/17 11:18:47] [info] [1645002656625] Start running retention
policy on backup set "ends S(1645002603019)", "AhsayCBS(1645002656625)"
[2022/02/17 11:18:47] [cbs] [1645002656625] info,"Start running
retention policy on backup set \"ends S(1645002603019)\",
\"AhsayCBS(1645002656625)\",0,0,0,,,
[2022/02/17 11:18:47] [info] [1645002656625] Start processing space
freeing up on backup set= "ends S (1645002603019)" destination=
"AhsayCBS (1645002656625)"
[2022/02/17 11:18:47] [cbs] [1645002656625] info,"Start processing
space freeing up on backup set= \"ends S (1645002603019)\", destination=
\"AhsayCBS (1645002656625)\",0,0,0,,,
[2022/02/17 11:18:47] [info] [1645002656625] Space freeing up on backup
set= "ends S (1645002603019)" destination= "AhsayCBS (1645002656625)"
is completed
[2022/02/17 11:18:47] [cbs] [1645002656625] info,"Space freeing up on
backup set= \"ends S (1645002603019)\", destination= \"AhsayCBS
(1645002656625)\", is completed",0,0,0,,,
[2022/02/17 11:18:47] [info] [1645002656625] Finished running retention
policy on backup set "ends S(1645002603019)", "AhsayCBS(1645002656625)"
[2022/02/17 11:18:47] [cbs] [1645002656625] info,"Finished running
retention policy on backup set \"ends S(1645002603019)\",
\"AhsayCBS(1645002656625)\",0,0,0,,,
[2022/02/17 11:18:47] [info] [-] Saving server information to
destination.
[2022/02/17 11:18:47] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 11:18:47] [info] [1645002656625] Saving encrypted backup
file index to 1645002603019/blocks/2022-02-17-11-18-38 at destination
AhsayCBS...
[2022/02/17 11:18:47] [hide] [1645002656625] Transfer
file='1645002603019/blocks/2022-02-17-11-18-
38/index.db.21000.17f05b08135.cgz'
[2022/02/17 11:18:48] [hide] [1645002656625] Transfer
file='1645002603019/blocks/2022-02-17-11-18-38/index.db_2022-02-17-11-
18-38.chk.0.17f05b0814d.cgz'
[2022/02/17 11:18:48] [hide] [1645002656625] Transfer index.metadata,
file= '1645002603019/blocks/2022-02-17-11-18-38/index.metadata.cgz'
[2022/02/17 11:18:48] [hide] [1645002656625] Transfer
file='1645002603019/blocks/2022-02-17-11-18-
38/backupInfo.db.b000.17f05b08141.cgz'
[2022/02/17 11:18:48] [info] [-] Start running post-commands
[2022/02/17 11:18:48] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 11:18:48] [info] [-] Finished running post-commands
[2022/02/17 11:18:48] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 11:18:48] [info] [1645002656625] Deleting temporary file
C:\Users\user\temp\1645002603019\OBS@1645002656625
[2022/02/17 11:18:50] [info] [1645002656625] Backup Completed
Successfully
[2022/02/17 11:18:50] [cbs] [1645002656625]
end,BS_STOP_SUCCESS,0,0,0,,,

```

3. Filter all files **starting with the letter b**

- a. **Include them** in the backup but with **Exclude all unmatched files/folders** unchecked.

### Backup Filter

Name

For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them

☐ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison

☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Add

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

Change

☐ This share requires access credentials

Apply to

☒ File ☐ Folder

The result is:

Advanced Backup Source	
Folders	Name
[-] This PC	<input type="checkbox"/> example.txt
[-] Windows-SSD (C:)	<input type="checkbox"/> filteringsample.xls
[-] \$WinREAgent	<input type="checkbox"/> filteringsample2.xls
[-] 1633592655019	<input type="checkbox"/> map_of_philippines.JPG
[-] alternate	<input type="checkbox"/> samplemap.JPG
[-] backup	<input type="checkbox"/> Test01.doc
[-] backup2	<input type="checkbox"/> Test02.doc
[-] cert	<input type="checkbox"/> Test03.doc

Explanation: Since no files starts with the letter b so there won't be any files included for backup.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: starts b, Type: starts with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [b]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 10:10
2	new	C:\filtersamples	12K / 12K (0%)	02/17/2022 10:15

## Backup Log:

```
[2022/02/17 11:24:41] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 11:24:41] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 330.9MB (Current) / 1.8GB (Maximum); Physical Memory: 976MB
(Free) / 7.7GB (Total)
[2022/02/17 11:24:41] [cbs] [1645002589808] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 11:24:41] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 11:24:41] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 11:24:42] [info] [1645002589808] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 11:24:42] [info] [1645002589808] Using Temporary Directory
C:\Users\user\temp\1645002540223\OBS@1645002589808
[2022/02/17 11:24:42] [cbs] [1645002589808] info,Using Temporary
Directory C:\Users\user\temp\1645002540223\OBS@1645002589808,0,0,0,,,
[2022/02/17 11:24:44] [hide] [1645002589808] Run Periodic DIC since the
last run is over 7 days.
[2022/02/17 11:24:44] [info] [1645002589808] Start Periodic Data
Integrity Check on backup set = "starts b" destination = "AhsayCBS"
[2022/02/17 11:24:44] [cbs] [1645002589808] info,"Start Periodic Data
Integrity Check on backup set = \"starts b\" destination =
\"AhsayCBS\",0,0,0,,,
[2022/02/17 11:24:44] [info] [1645002589808] Start data integrity check
on backup set "starts b(1645002540223)", "AhsayCBS(1645002589808)", crc
disabled, rebuild index disabled
[2022/02/17 11:24:44] [cbs] [1645002589808] info,"Start data integrity
check on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:24:44] [info] [1645002589808] Start processing data
integrity check on backup set= "starts b" destination= "AhsayCBS"
[2022/02/17 11:24:44] [cbs] [1645002589808] info,"Start processing data
integrity check on backup set= \"starts b\" destination=
\"AhsayCBS\",0,0,0,,,
[2022/02/17 11:24:45] [info] [1645002589808] Skipped to run Data
Integrity Check for backup set "starts b" in destination "AhsayCBS"
because no data is in index.
[2022/02/17 11:24:45] [cbs] [1645002589808] info,"Skipped to run Data
Integrity Check for backup set \"starts b\" in destination \"AhsayCBS\"
because no data is in index.",0,0,0,,,
[2022/02/17 11:24:46] [info] [1645002589808] Data integrity check on
backup set= "starts b" destination= "AhsayCBS" is completed
```

```

[2022/02/17 11:24:46] [cbs] [1645002589808] info,"Data integrity check
on backup set= \"starts b\" destination= \"AhsayCBS\" is
completed",0,0,0,,,
[2022/02/17 11:24:46] [info] [1645002589808] Finished data integrity
check on backup set "starts b(1645002540223)",
"AhsayCBS(1645002589808)", crc disabled, rebuild index disabled
[2022/02/17 11:24:46] [cbs] [1645002589808] info,"Finished data
integrity check on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:24:46] [info] [1645002589808] Completed data integrity
check on backup set "starts b(1645002540223)",
"AhsayCBS(1645002589808)", crc disabled, rebuild index disabled
[2022/02/17 11:24:46] [cbs] [1645002589808] info,"Completed data
integrity check on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:24:46] [info] [-] Start running pre-commands
[2022/02/17 11:24:46] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 11:24:46] [info] [-] Finished running pre-commands
[2022/02/17 11:24:46] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 11:24:46] [info] [1645002589808] Downloading server file
list...
[2022/02/17 11:24:47] [info] [1645002589808] Downloading server file
list... Completed
[2022/02/17 11:24:48] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 11:24:48] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 11:24:48] [info] [1645002589808] Reading backup source from
hard disk...
[2022/02/17 11:24:48] [info] [1645002589808] Reading backup source from
hard disk... Completed
[2022/02/17 11:24:48] [info] [1645002589808] [New Directory]... C:\
[2022/02/17 11:24:48] [cbs] [1645002589808]
new,C:\,12288,12288,1645063847879,,,D
[2022/02/17 11:24:48] [info] [1645002589808] [New Directory]...
C:\filtersamples
[2022/02/17 11:24:48] [cbs] [1645002589808]
new,C:\filtersamples,12288,12288,1645064108673,,,D
[2022/02/17 11:24:49] [info] [1645002589808] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 11:24:49] [cbs] [1645002589808] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:24:49] [info] [1645002589808] This backup job has no
backup data in destination "AhsayCBS"
[2022/02/17 11:24:49] [cbs] [1645002589808] info,"This backup job has
no backup data in destination \"AhsayCBS\"",0,0,0,,,
[2022/02/17 11:24:49] [info] [1645002589808] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 11:24:49] [cbs] [1645002589808] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"",0,0,0,,,
[2022/02/17 11:24:49] [info] [1645002589808] Total New Files = 0
[2022/02/17 11:24:49] [info] [1645002589808] Total New Directories = 2
[2022/02/17 11:24:49] [info] [1645002589808] Total New Links = 0
[2022/02/17 11:24:49] [info] [1645002589808] Total Updated Files = 0
[2022/02/17 11:24:49] [info] [1645002589808] Total Attributes Changed
Files = 0
[2022/02/17 11:24:49] [info] [1645002589808] Total Deleted Files = 0

```



```

[2022/02/17 11:24:49] [info] [1645002589808] Total Deleted Directories
= 0
[2022/02/17 11:24:49] [info] [1645002589808] Total Deleted Links = 0
[2022/02/17 11:24:49] [info] [1645002589808] Total Moved Files = 0
[2022/02/17 11:24:49] [info] [1645002589808] Total Dedupe Saving for
this job = 0B
[2022/02/17 11:24:49] [info] [1645002589808] Total Backup Data Size for
this job = 0B
[2022/02/17 11:24:49] [info] [1645002589808] Total Dedupe Saving for
destination = 0B
[2022/02/17 11:24:49] [info] [1645002589808] Total Backup Data Size for
destination = 0B
[2022/02/17 11:24:49] [info] [1645002589808] Start running retention
policy on backup set "starts b(1645002540223)",
"AhsayCBS(1645002589808)"
[2022/02/17 11:24:49] [cbs] [1645002589808] info,"Start running
retention policy on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\"\",0,0,0,,,
[2022/02/17 11:24:49] [info] [1645002589808] Start processing space
freeing up on backup set= "starts b (1645002540223)" destination=
"AhsayCBS (1645002589808)"
[2022/02/17 11:24:49] [cbs] [1645002589808] info,"Start processing
space freeing up on backup set= \"starts b (1645002540223)\",
destination= \"AhsayCBS (1645002589808)\"\",0,0,0,,,
[2022/02/17 11:24:49] [info] [1645002589808] Space freeing up on backup
set= "starts b (1645002540223)" destination= "AhsayCBS (1645002589808)"
is completed
[2022/02/17 11:24:49] [cbs] [1645002589808] info,"Space freeing up on
backup set= \"starts b (1645002540223)\", destination= \"AhsayCBS
(1645002589808)\", is completed\",0,0,0,,,
[2022/02/17 11:24:49] [info] [1645002589808] Finished running retention
policy on backup set "starts b(1645002540223)",
"AhsayCBS(1645002589808)"
[2022/02/17 11:24:49] [cbs] [1645002589808] info,"Finished running
retention policy on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\"\",0,0,0,,,
[2022/02/17 11:24:50] [info] [-] Saving server information to
destination.
[2022/02/17 11:24:50] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 11:24:50] [info] [1645002589808] Saving encrypted backup
file index to 1645002540223/blocks/2022-02-17-11-24-40 at destination
AhsayCBS...
[2022/02/17 11:24:50] [hide] [1645002589808] Transfer
file='1645002540223/blocks/2022-02-17-11-24-
40/index.db.21000.17f05b60824.cgz'
[2022/02/17 11:24:50] [hide] [1645002589808] Transfer
file='1645002540223/blocks/2022-02-17-11-24-40/index.db_2022-02-17-11-
24-40.chk.0.17f05b6083d.cgz'
[2022/02/17 11:24:50] [hide] [1645002589808] Transfer index.metadata,
file= '1645002540223/blocks/2022-02-17-11-24-40/index.metadata.cgz'
[2022/02/17 11:24:50] [hide] [1645002589808] Transfer
file='1645002540223/blocks/2022-02-17-11-24-
40/backupInfo.db.b000.17f05b60832.cgz'
[2022/02/17 11:24:50] [info] [-] Start running post-commands
[2022/02/17 11:24:50] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 11:24:50] [info] [-] Finished running post-commands
[2022/02/17 11:24:50] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 11:24:50] [info] [1645002589808] Deleting temporary file
C:\Users\user\temp\1645002540223\OBS@1645002589808
[2022/02/17 11:24:52] [info] [1645002589808] Backup Completed
Successfully

```

```
[2022/02/17 11:24:52] [cbs] [1645002589808]  
end,BS_STOP_SUCCESS,0,0,0,,,
```

- b. Another scenario is to **Exclude them** from the backup and with **Include all unmatched files/folders** checked.

### Backup Filter

Name

For each of the matched files/folders under top directory  
☐ Include them  
☒ Exclude them

☒ Include all unmatched files/folders

Match file/folder names by  
☒ Simple comparison    
☐ Regular expression (UNIX-style)

Existing patterns to match  

☒

Apply this filter to all files/folders in  
☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])  
  
☐ This share requires access credentials

Apply to  
☒ File ☐ Folder

The result is:

Advanced Backup Source	
Folders	Name
└─ This PC	<input checked="" type="checkbox"/> example.txt
└─ Windows-SSD (C:)	<input checked="" type="checkbox"/> filteringsample.xls
└─ \$WinREAgent	<input checked="" type="checkbox"/> filteringsample2.xls
└─ 1633592655019	<input checked="" type="checkbox"/> map_of_philippines.JPG
└─ alternate	<input checked="" type="checkbox"/> samplemap.JPG
└─ backup	<input checked="" type="checkbox"/> Test01.doc
└─ backup2	<input checked="" type="checkbox"/> Test02.doc
└─ cert	<input checked="" type="checkbox"/> Test03.doc

Explanation: All the files that does not start with the letter b will be included in the backup since one of the criteria in the filter is to include all unmatched files/folders.



## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: starts b, Type: starts with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: Yes, Apply to o: No, Apply to files: Yes, Pattern: [b]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes]][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\filtersamples\Test02.doc	8K / 48K (83%)	02/17/2022 10:14
2	new	C:\filtersamples\Test01.doc	6K / 39K (82%)	02/17/2022 10:14
3	new	C:\filtersamples\filteringsample.xls	6K / 25K (74%)	08/08/2018 08:42
4	new	C:\filtersamples\example.txt	208 / 7K (97%)	12/17/2018 14:27
5	new	C:\filtersamples\Test03.doc	7K / 48K (83%)	02/17/2022 10:15
6	new	C:\filtersamples\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
7	new	C:\filtersamples\filteringsample2.xls	6K / 25K (74%)	08/08/2018 08:42
8	new	C:\filtersamples\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

## Backup Log:

```
[2022/02/17 11:29:19] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 11:29:19] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 183.9MB (Current) / 1.8GB (Maximum); Physical Memory: 1GB
(Free) / 7.7GB (Total)
[2022/02/17 11:29:19] [cbs] [1645002589808] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 11:29:19] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 11:29:19] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 11:29:20] [info] [1645002589808] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 11:29:20] [info] [1645002589808] Using Temporary Directory
C:\Users\user\temp\1645002540223\OBS@1645002589808
[2022/02/17 11:29:20] [cbs] [1645002589808] info,Using Temporary
Directory C:\Users\user\temp\1645002540223\OBS@1645002589808,0,0,0,,,
[2022/02/17 11:29:22] [hide] [1645002589808] Run Periodic DIC since the
last run is over 7 days.
[2022/02/17 11:29:22] [info] [1645002589808] Start Periodic Data
Integrity Check on backup set = "starts b" destination = "AhsayCBS"
[2022/02/17 11:29:22] [cbs] [1645002589808] info,"Start Periodic Data
Integrity Check on backup set = \"starts b\" destination =
\"AhsayCBS\\\",0,0,0,,,
[2022/02/17 11:29:22] [info] [1645002589808] Start data integrity check
on backup set \"starts b(1645002540223)\", \"AhsayCBS(1645002589808)\", crc
disabled, rebuild index disabled
[2022/02/17 11:29:22] [cbs] [1645002589808] info,\"Start data integrity
check on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\", crc disabled, rebuild index
disabled\",0,0,0,,,
[2022/02/17 11:29:22] [info] [1645002589808] Start processing data
integrity check on backup set= \"starts b\" destination= \"AhsayCBS\"
[2022/02/17 11:29:22] [cbs] [1645002589808] info,\"Start processing data
integrity check on backup set= \"starts b\" destination=
\"AhsayCBS\\\",0,0,0,,,
[2022/02/17 11:29:23] [info] [1645002589808] Download valid index files
from backup job \"2022-02-17-11-24-40\" to
\"C:\Users\user\temp\1645002540223\OBS@1645002589808\index\".
[2022/02/17 11:29:23] [cbs] [1645002589808] info,\"Download valid index
files from backup job \"2022-02-17-11-24-40\" to
```

```

"C:\Users\user\temp\1645002540223\OBS@1645002589808\index\".",0,
0,0,,,
[2022/02/17 11:29:23] [info] [1645002589808] Skipped to run Data
Integrity Check for backup set "starts b" in destination "AhsayCBS"
because no data is in index.
[2022/02/17 11:29:23] [cbs] [1645002589808] info,"Skipped to run Data
Integrity Check for backup set \"starts b\" in destination \"AhsayCBS\"
because no data is in index.",0,0,0,,,
[2022/02/17 11:29:24] [info] [1645002589808] Data integrity check on
backup set= "starts b" destination= "AhsayCBS" is completed
[2022/02/17 11:29:24] [cbs] [1645002589808] info,"Data integrity check
on backup set= \"starts b\" destination= \"AhsayCBS\" is
completed",0,0,0,,,
[2022/02/17 11:29:24] [info] [1645002589808] Finished data integrity
check on backup set "starts b(1645002540223)",
"AhsayCBS(1645002589808)", crc disabled, rebuild index disabled
[2022/02/17 11:29:24] [cbs] [1645002589808] info,"Finished data
integrity check on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:29:24] [info] [1645002589808] Completed data integrity
check on backup set "starts b(1645002540223)",
"AhsayCBS(1645002589808)", crc disabled, rebuild index disabled
[2022/02/17 11:29:24] [cbs] [1645002589808] info,"Completed data
integrity check on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:29:24] [info] [-] Start running pre-commands
[2022/02/17 11:29:24] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 11:29:24] [info] [-] Finished running pre-commands
[2022/02/17 11:29:24] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 11:29:24] [info] [1645002589808] Downloading server file
list...
[2022/02/17 11:29:24] [info] [1645002589808] Download valid index files
from backup job "2022-02-17-11-24-40" to
"C:\Users\user\temp\1645002540223\OBS@1645002589808\index".
[2022/02/17 11:29:24] [cbs] [1645002589808] info,"Download valid index
files from backup job \"2022-02-17-11-24-40\" to
\"C:\Users\user\temp\1645002540223\OBS@1645002589808\index\".",0,
0,0,,,
[2022/02/17 11:29:24] [info] [1645002589808] Downloading server file
list... Completed
[2022/02/17 11:29:25] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 11:29:25] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 11:29:25] [info] [1645002589808] Reading backup source from
hard disk...
[2022/02/17 11:29:25] [info] [1645002589808] Getting all files which
have been moved...
[2022/02/17 11:29:25] [hide] [1645002589808] [parseMove] Move Init
Info: new=8 delete=0 total=8 ui_interval=10000 interval=300000
[2022/02/17 11:29:26] [info] [1645002589808] Getting all files which
have been moved... Completed
[2022/02/17 11:29:26] [info] [1645002589808] Reading backup source from
hard disk... Completed
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\Test02.doc"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\Test01.doc"
[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\Test02.doc,8416,49664,1645064091739,,,F

```

```

[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\Test01.doc,6976,39936,1645064074632,,,F
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\filteringsample.xls"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\example.txt"
[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\filteringsample.xls,6560,25600,1533688940465,,,F
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 10% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\example.txt,208,7282,1545028063000,,,F
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\Test03.doc"
[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\Test03.doc,7968,49152,1645064107404,,,F
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 20% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 10% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 30% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 20% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 40% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 30% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 50% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 40% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 60% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 50% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 70% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 60% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 80% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 70% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 90% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 80% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 90% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\map_of_philippines.JPG,1442384,1442376,15183178851
64,,,F
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\filteringsample2.xls"
[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\filteringsample2.xls,6560,25600,1533688940465,,,F
[2022/02/17 11:29:26] [info] [1645002589808] [New File]... 100% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 11:29:26] [hide] [1645002589808] Chunk:
Path="C:\filtersamples\samplemap.JPG", Offset=8416, Length=1442384, Raw
Length=1442376, Duplicated data ID=6, RawChecksum=0A1889E9C2D4F12E,

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RawChecksumType=1, BackupJob=20220217112918, BlockSeq=0, ChunkNo=6,
FileID=6
[2022/02/17 11:29:26] [info] [1645002589808] Deduplication Info:
File="C:\filtersamples\samplemap.JPG", duplicated
file="C:\filtersamples\map_of_philippines.JPG (2022-02-17-11-29-18)",
size="1,442,376"
[2022/02/17 11:29:26] [cbs] [1645002589808] info,"Deduplication Info:
File=\"C:\\filtersamples\\samplemap.JPG\\", duplicated
file=\"C:\\filtersamples\\map_of_philippines.JPG (2022-02-17-11-29-
18)\\", size=\"1,442,376\\",0,0,0,,,
[2022/02/17 11:29:26] [cbs] [1645002589808]
new,C:\filtersamples\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2022/02/17 11:29:30] [info] [1645002589808] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 11:29:30] [cbs] [1645002589808] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:29:30] [info] [1645002589808] File:
"1645002540223/blocks/2022-02-17-11-29-18/0/000000.bak", Size:
1,457,360, OK
[2022/02/17 11:29:30] [cbs] [1645002589808] info,"File:
\"1645002540223/blocks/2022-02-17-11-29-18/0/000000.bak\\", Size:
1,457,360, OK",0,0,0,,,
[2022/02/17 11:29:30] [info] [1645002589808] File:
"1645002540223/blocks/2022-02-17-11-29-18/0/000001.bak", Size: 21,712,
OK
[2022/02/17 11:29:30] [cbs] [1645002589808] info,"File:
\"1645002540223/blocks/2022-02-17-11-29-18/0/000001.bak\\", Size:
21,712, OK",0,0,0,,,
[2022/02/17 11:29:30] [info] [1645002589808] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 11:29:30] [cbs] [1645002589808] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:29:30] [info] [1645002589808] Total New Files = 8
[2022/02/17 11:29:30] [info] [1645002589808] Total New Directories = 0
[2022/02/17 11:29:30] [info] [1645002589808] Total New Links = 0
[2022/02/17 11:29:30] [info] [1645002589808] Total Updated Files = 0
[2022/02/17 11:29:30] [info] [1645002589808] Total Attributes Changed
Files = 0
[2022/02/17 11:29:30] [info] [1645002589808] Total Deleted Files = 0
[2022/02/17 11:29:30] [info] [1645002589808] Total Deleted Directories
= 0
[2022/02/17 11:29:30] [info] [1645002589808] Total Deleted Links = 0
[2022/02/17 11:29:30] [info] [1645002589808] Total Moved Files = 0
[2022/02/17 11:29:30] [info] [1645002589808] Total Dedupe Saving for
this job = 1.38MB
[2022/02/17 11:29:30] [info] [1645002589808] Total Backup Data Size for
this job = 2.94MB
[2022/02/17 11:29:30] [info] [1645002589808] Total Dedupe Saving for
destination = 1.38MB
[2022/02/17 11:29:30] [info] [1645002589808] Total Backup Data Size for
destination = 2.94MB
[2022/02/17 11:29:30] [info] [1645002589808] Start running retention
policy on backup set "starts b(1645002540223)",
"AhsayCBS(1645002589808)"
[2022/02/17 11:29:30] [cbs] [1645002589808] info,"Start running
retention policy on backup set \"starts b(1645002540223)\\",
\"AhsayCBS(1645002589808)\\",0,0,0,,,
[2022/02/17 11:29:30] [info] [1645002589808] Start processing space
freeing up on backup set= "starts b (1645002540223)" destination=
"AhsayCBS (1645002589808)"

```

```


[2022/02/17 11:29:30] [cbs] [1645002589808] info,"Start processing
space freeing up on backup set= \"starts b (1645002540223)\"
destination= \"AhsayCBS (1645002589808)\"\",0,0,0,,,
[2022/02/17 11:29:30] [info] [1645002589808] Space freeing up on backup
set= \"starts b (1645002540223)\" destination= \"AhsayCBS (1645002589808)\"
is completed
[2022/02/17 11:29:30] [cbs] [1645002589808] info,\"Space freeing up on
backup set= \"starts b (1645002540223)\" destination= \"AhsayCBS
(1645002589808)\" is completed\",0,0,0,,,
[2022/02/17 11:29:30] [info] [1645002589808] Finished running retention
policy on backup set \"starts b(1645002540223)\",
\"AhsayCBS(1645002589808)\"
[2022/02/17 11:29:30] [cbs] [1645002589808] info,\"Finished running
retention policy on backup set \"starts b(1645002540223)\"\",
\"AhsayCBS(1645002589808)\"\",0,0,0,,,
[2022/02/17 11:29:30] [info] [-] Saving server information to
destination.
[2022/02/17 11:29:30] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 11:29:30] [hide] [1645002589808] Generate incremental delta
for index
C:\Users\user\temp\1645002540223\OBS@1645002589808\index\index.db since
2022-02-17-11-24-40
[2022/02/17 11:29:30] [info] [1645002589808] Saving encrypted backup
file index to 1645002540223/blocks/2022-02-17-11-29-18 at destination
AhsayCBS...
[2022/02/17 11:29:30] [hide] [1645002589808] Transfer
file='1645002540223/blocks/2022-02-17-11-29-18/index.db_2022-02-17-11-
29-18.21024.17f05ba5060.cgz'
[2022/02/17 11:29:30] [hide] [1645002589808] Transfer
file='1645002540223/blocks/2022-02-17-11-29-18/index.db_2022-02-17-11-
29-18.chk.68.17f05ba5061.cgz'
[2022/02/17 11:29:30] [hide] [1645002589808] Transfer index.metadata,
file= '1645002540223/blocks/2022-02-17-11-29-18/index.metadata.cgz'
[2022/02/17 11:29:30] [hide] [1645002589808] Transfer
file='1645002540223/blocks/2022-02-17-11-29-
18/backupInfo.db.b000.17f05ba5023.cgz'
[2022/02/17 11:29:31] [info] [-] Start running post-commands
[2022/02/17 11:29:31] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 11:29:31] [info] [-] Finished running post-commands
[2022/02/17 11:29:31] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 11:29:31] [info] [1645002589808] Deleting temporary file
C:\Users\user\temp\1645002540223\OBS@1645002589808
[2022/02/17 11:29:32] [info] [1645002589808] Backup Completed
Successfully
[2022/02/17 11:29:32] [cbs] [1645002589808]
end,BS_STOP_SUCCESS,0,0,0,,,

```


4. Filter files that **starts and ends with the letter t**

- a. **Include** all files that starts and ends with the letter t with **Exclude unmatched files/folders** left unchecked.

Existing filters

 **ends t**

C:\filtersamples

 **starts t**

C:\filtersamples

For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them

☐ Exclude all unmatched files/folders


Match file/folder names by

☒ Simple comparison 

ends with ▼

☐ Regular expression (UNIX-style)

Existing patterns to match



t

X

For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them

☐ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison 

starts with ▼

☐ Regular expression (UNIX-style)

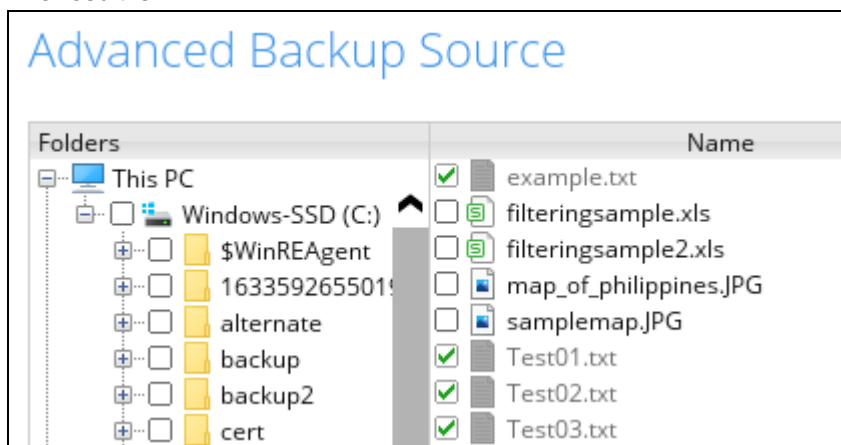
Existing patterns to match



t

X

The result is:



Explanation: Only the files that starts or ends with the letter t will be included in the backup. As you can see in the screenshot the greyed out files will be included since they are all .txt files.



## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: ends t, Type: ends with, Top Directory: C:\filtersamples, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]] [Name: starts t, Type: starts with, Top Directory: C:\filtersamples, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 10:10
2	new	C:\filtersamples	12K / 12K (0%)	02/17/2022 10:15
3	new	C:\filtersamples\Test01.doc	6K / 39K (82%)	02/17/2022 10:14
4	new	C:\filtersamples\Test02.doc	8K / 48K (83%)	02/17/2022 10:14
5	new	C:\filtersamples\example.txt	20B / 7K (97%)	12/17/2018 14:27
6	new	C:\filtersamples\Test03.doc	7K / 48K (83%)	02/17/2022 10:15

## Backup Log:

```
[2022/02/17 11:41:30] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 11:41:30] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 396.1MB (Current) / 1.8GB (Maximum); Physical Memory: 1.4GB
(Free) / 7.7GB (Total)
[2022/02/17 11:41:30] [cbs] [1645004588276] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 11:41:31] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 11:41:31] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 11:41:32] [info] [1645004588276] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 11:41:32] [info] [1645004588276] Using Temporary Directory
C:\Users\user\temp\1645002721910\OBS@1645004588276
[2022/02/17 11:41:32] [cbs] [1645004588276] info,Using Temporary
Directory C:\Users\user\temp\1645002721910\OBS@1645004588276,0,0,0,,,
[2022/02/17 11:41:33] [hide] [1645004588276] Run Periodic DIC since the
last run is over 7 days.
[2022/02/17 11:41:33] [info] [1645004588276] Start Periodic Data
Integrity Check on backup set = "BackupSet-1" destination = "AhsayCBS"
[2022/02/17 11:41:33] [cbs] [1645004588276] info,"Start Periodic Data
Integrity Check on backup set = \"BackupSet-1\" destination =
\"AhsayCBS\",0,0,0,,,
[2022/02/17 11:41:33] [info] [1645004588276] Start data integrity check
on backup set "BackupSet-1(1645002721910)", "AhsayCBS(1645004588276)",
crc disabled, rebuild index disabled
[2022/02/17 11:41:33] [cbs] [1645004588276] info,"Start data integrity
check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:41:33] [info] [1645004588276] Start processing data
integrity check on backup set= "BackupSet-1" destination= "AhsayCBS"
[2022/02/17 11:41:33] [cbs] [1645004588276] info,"Start processing data
integrity check on backup set= \"BackupSet-1\" destination=
\"AhsayCBS\",0,0,0,,,
[2022/02/17 11:41:34] [info] [1645004588276] Skipped to run Data
Integrity Check for backup set "BackupSet-1" in destination "AhsayCBS"
because no data is in index.
[2022/02/17 11:41:34] [cbs] [1645004588276] info,"Skipped to run Data
Integrity Check for backup set \"BackupSet-1\" in destination
\"AhsayCBS\" because no data is in index.",0,0,0,,,
```

```

[2022/02/17 11:41:36] [info] [1645004588276] Data integrity check on
backup set= "BackupSet-1" destination= "AhsayCBS" is completed
[2022/02/17 11:41:36] [cbs] [1645004588276] info,"Data integrity check
on backup set= \"BackupSet-1\" destination= \"AhsayCBS\" is
completed",0,0,0,,,
[2022/02/17 11:41:36] [info] [1645004588276] Finished data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 11:41:36] [cbs] [1645004588276] info,"Finished data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:41:36] [info] [1645004588276] Completed data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 11:41:36] [cbs] [1645004588276] info,"Completed data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:41:36] [info] [-] Start running pre-commands
[2022/02/17 11:41:36] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 11:41:36] [info] [-] Finished running pre-commands
[2022/02/17 11:41:36] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 11:41:36] [info] [1645004588276] Downloading server file
list...
[2022/02/17 11:41:36] [info] [1645004588276] Downloading server file
list... Completed
[2022/02/17 11:41:37] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 11:41:37] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 11:41:37] [info] [1645004588276] Reading backup source from
hard disk...
[2022/02/17 11:41:37] [info] [1645004588276] Reading backup source from
hard disk... Completed
[2022/02/17 11:41:38] [info] [1645004588276] [New Directory]... C:\
[2022/02/17 11:41:38] [cbs] [1645004588276]
new,C:\,12288,12288,1645063847879,,,D
[2022/02/17 11:41:38] [info] [1645004588276] [New Directory]...
C:\filtersamples
[2022/02/17 11:41:38] [cbs] [1645004588276]
new,C:\filtersamples,12288,12288,1645069177681,,,D
[2022/02/17 11:41:38] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\Test03.txt"
[2022/02/17 11:41:38] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\Test02.txt"
[2022/02/17 11:41:38] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\Test01.txt"
[2022/02/17 11:41:38] [cbs] [1645004588276]
new,C:\filtersamples\Test03.txt,128,13630,1645069166111,,,F
[2022/02/17 11:41:38] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\example.txt"
[2022/02/17 11:41:38] [cbs] [1645004588276]
new,C:\filtersamples\Test02.txt,144,16358,1645069154492,,,F
[2022/02/17 11:41:38] [cbs] [1645004588276]
new,C:\filtersamples\Test01.txt,112,8178,1645069137721,,,F
[2022/02/17 11:41:38] [cbs] [1645004588276]
new,C:\filtersamples\example.txt,208,7282,1545028063000,,,F
[2022/02/17 11:41:39] [info] [1645004588276] Start validating the
presence and size of backup data in destination "AhsayCBS"...

```




```


[2022/02/17 11:41:39] [cbs] [1645004588276] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:41:39] [info] [1645004588276] File:
"1645002721910/blocks/2022-02-17-11-41-29/0/000000.bak", Size: 448, OK
[2022/02/17 11:41:39] [cbs] [1645004588276] info,"File:
\"1645002721910/blocks/2022-02-17-11-41-29/0/000000.bak\", Size: 448,
OK",0,0,0,,,
[2022/02/17 11:41:39] [info] [1645004588276] File:
"1645002721910/blocks/2022-02-17-11-41-29/0/000001.bak", Size: 144, OK
[2022/02/17 11:41:39] [cbs] [1645004588276] info,"File:
\"1645002721910/blocks/2022-02-17-11-41-29/0/000001.bak\", Size: 144,
OK",0,0,0,,,
[2022/02/17 11:41:39] [info] [1645004588276] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 11:41:39] [cbs] [1645004588276] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:41:39] [info] [1645004588276] Total New Files = 4
[2022/02/17 11:41:39] [info] [1645004588276] Total New Directories = 2
[2022/02/17 11:41:39] [info] [1645004588276] Total New Links = 0
[2022/02/17 11:41:39] [info] [1645004588276] Total Updated Files = 0
[2022/02/17 11:41:39] [info] [1645004588276] Total Attributes Changed
Files = 0
[2022/02/17 11:41:39] [info] [1645004588276] Total Deleted Files = 0
[2022/02/17 11:41:39] [info] [1645004588276] Total Deleted Directories
= 0
[2022/02/17 11:41:39] [info] [1645004588276] Total Deleted Links = 0
[2022/02/17 11:41:39] [info] [1645004588276] Total Moved Files = 0
[2022/02/17 11:41:39] [info] [1645004588276] Total Dedupe Saving for
this job = 0B
[2022/02/17 11:41:39] [info] [1645004588276] Total Backup Data Size for
this job = 44KB
[2022/02/17 11:41:39] [info] [1645004588276] Total Dedupe Saving for
destination = 0B
[2022/02/17 11:41:39] [info] [1645004588276] Total Backup Data Size for
destination = 44KB
[2022/02/17 11:41:40] [info] [-] Saving server information to
destination.
[2022/02/17 11:41:40] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 11:41:40] [info] [1645004588276] Saving encrypted backup
file index to 1645002721910/blocks/2022-02-17-11-41-29 at destination
AhsayCBS...
[2022/02/17 11:41:40] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-41-
29/index.db.21000.17f05c5717e.cgz'
[2022/02/17 11:41:40] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-41-29/index.db_2022-02-17-11-
41-29.chk.0.17f05c57195.cgz'
[2022/02/17 11:41:40] [hide] [1645004588276] Transfer index.metadata,
file= '1645002721910/blocks/2022-02-17-11-41-29/index.metadata.cgz'
[2022/02/17 11:41:40] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-41-
29/backupInfo.db.b000.17f05c5718b.cgz'
[2022/02/17 11:41:40] [info] [-] Start running post-commands
[2022/02/17 11:41:40] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 11:41:40] [info] [-] Finished running post-commands
[2022/02/17 11:41:40] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 11:41:40] [info] [1645004588276] Deleting temporary file
C:\Users\user\temp\1645002721910\OBS@1645004588276

```

```
[2022/02/17 11:41:41] [info] [1645004588276] Backup Completed
Successfully
[2022/02/17 11:41:41] [cbs] [1645004588276]
end,BS_STOP_SUCCESS,0,0,0,,,
```

- b. Another scenario is with the **Exclude all unmatched files/folders** checked.

 **starts t**  
C:\filtersamples

 **ends t**  
C:\filtersamples

For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them


☒ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison starts with ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

 t

For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them


☒ Exclude all unmatched files/folders

Match file/folder names by









☒ Simple comparison ends with ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

 t

The result is:

Advanced Backup Source	
Folders	Name
<div>  This PC                     <div>  Windows-SSD (C:)                         <div>  \$WinREAgent                              1633592655019                              alternate                              backup                              backup2                              cert                         </div> </div> </div>	<div> <input type="checkbox"/> example.txt                     <input type="checkbox"/> filteringsample.xls                     <input type="checkbox"/> filteringsample2.xls                     <input type="checkbox"/> map_of_philippines.JPG                     <input type="checkbox"/> samplemap.JPG                     <input checked="" type="checkbox"/> Test01.txt                     <input checked="" type="checkbox"/> Test02.txt                     <input checked="" type="checkbox"/> Test03.txt                 </div>

Explanation: Only files that starts and ends with the letter t will be included in the backup. That's why only the 3 Test files will be included in the backup since all three of them starts with the letter t and also ends with the letter t since they are .txt files. While the file example is now excluded since it only ends with the letter t since it is a txt file but it does not start with the letter t.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: starts t, Type: Custom, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]][Name: ends t, Type: ends with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 10:10
2	new	C:\filtersamples	12K / 12K (0%)	02/17/2022 11:39
3	new	C:\filtersamples\Test02.txt	144 / 15K (99%)	02/17/2022 11:39
4	new	C:\filtersamples\Test01.txt	112 / 7K (98%)	02/17/2022 11:38
5	new	C:\filtersamples\Test03.txt	128 / 13K (99%)	02/17/2022 11:39

## Backup Log:

```
[2022/02/17 11:48:38] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 11:48:38] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 93.7MB (Current) / 1.8GB (Maximum); Physical Memory: 1.1GB
(Free) / 7.7GB (Total)
[2022/02/17 11:48:38] [cbs] [1645004588276] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 11:48:38] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 11:48:38] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 11:48:39] [info] [1645004588276] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 11:48:39] [info] [1645004588276] Using Temporary Directory
C:\Users\user\temp\1645002721910\OBS@1645004588276
[2022/02/17 11:48:39] [cbs] [1645004588276] info,Using Temporary
Directory C:\Users\user\temp\1645002721910\OBS@1645004588276,0,0,0,,,
[2022/02/17 11:48:41] [hide] [1645004588276] Run Periodic DIC since the
last run is over 7 days.
[2022/02/17 11:48:41] [info] [1645004588276] Start Periodic Data
Integrity Check on backup set = "BackupSet-1" destination = "AhsayCBS"
[2022/02/17 11:48:41] [cbs] [1645004588276] info,"Start Periodic Data
Integrity Check on backup set = \"BackupSet-1\" destination =
\"AhsayCBS\",0,0,0,,,
[2022/02/17 11:48:41] [info] [1645004588276] Start data integrity check
on backup set "BackupSet-1(1645002721910)", "AhsayCBS(1645004588276)",
crc disabled, rebuild index disabled
[2022/02/17 11:48:41] [cbs] [1645004588276] info,"Start data integrity
check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:48:41] [info] [1645004588276] Start processing data
integrity check on backup set= "BackupSet-1" destination= "AhsayCBS"
[2022/02/17 11:48:41] [cbs] [1645004588276] info,"Start processing data
integrity check on backup set= \"BackupSet-1\" destination=
\"AhsayCBS\",0,0,0,,,
[2022/02/17 11:48:42] [info] [1645004588276] Skipped to run Data
Integrity Check for backup set "BackupSet-1" in destination "AhsayCBS"
because no data is in index.
[2022/02/17 11:48:42] [cbs] [1645004588276] info,"Skipped to run Data
Integrity Check for backup set \"BackupSet-1\" in destination
\"AhsayCBS\" because no data is in index.",0,0,0,,,
```

```

[2022/02/17 11:48:43] [info] [1645004588276] Data integrity check on
backup set= "BackupSet-1" destination= "AhsayCBS" is completed
[2022/02/17 11:48:43] [cbs] [1645004588276] info,"Data integrity check
on backup set= \"BackupSet-1\" destination= \"AhsayCBS\" is
completed",0,0,0,,,
[2022/02/17 11:48:43] [info] [1645004588276] Finished data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 11:48:43] [cbs] [1645004588276] info,"Finished data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:48:43] [info] [1645004588276] Completed data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 11:48:43] [cbs] [1645004588276] info,"Completed data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:48:43] [info] [-] Start running pre-commands
[2022/02/17 11:48:43] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 11:48:43] [info] [-] Finished running pre-commands
[2022/02/17 11:48:43] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 11:48:43] [info] [1645004588276] Downloading server file
list...
[2022/02/17 11:48:43] [info] [1645004588276] Downloading server file
list... Completed
[2022/02/17 11:48:44] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 11:48:44] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 11:48:44] [info] [1645004588276] Reading backup source from
hard disk...
[2022/02/17 11:48:44] [info] [1645004588276] Reading backup source from
hard disk... Completed
[2022/02/17 11:48:45] [info] [1645004588276] [New Directory]... C:\
[2022/02/17 11:48:45] [cbs] [1645004588276]
new,C:\,12288,12288,1645063847879,,,D
[2022/02/17 11:48:45] [info] [1645004588276] [New Directory]...
C:\filtersamples
[2022/02/17 11:48:45] [cbs] [1645004588276]
new,C:\filtersamples,12288,12288,1645069177681,,,D
[2022/02/17 11:48:45] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\Test02.txt"
[2022/02/17 11:48:45] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\Test01.txt"
[2022/02/17 11:48:45] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\Test03.txt"
[2022/02/17 11:48:45] [cbs] [1645004588276]
new,C:\filtersamples\Test02.txt,144,16358,1645069154492,,,F
[2022/02/17 11:48:45] [cbs] [1645004588276]
new,C:\filtersamples\Test01.txt,112,8178,1645069137721,,,F
[2022/02/17 11:48:45] [cbs] [1645004588276]
new,C:\filtersamples\Test03.txt,128,13630,1645069166111,,,F
[2022/02/17 11:48:46] [info] [1645004588276] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 11:48:46] [cbs] [1645004588276] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\""...",0,0,0,,,
[2022/02/17 11:48:46] [info] [1645004588276] File:
"1645002721910/blocks/2022-02-17-11-48-37/0/000000.bak", Size: 272, OK

```

```

[2022/02/17 11:48:46] [cbs] [1645004588276] info,"File:
\"1645002721910/blocks/2022-02-17-11-48-37/0/000000.bak\", Size: 272,
OK",0,0,0,,,
[2022/02/17 11:48:46] [info] [1645004588276] File:
\"1645002721910/blocks/2022-02-17-11-48-37/0/000001.bak\", Size: 112, OK
[2022/02/17 11:48:46] [cbs] [1645004588276] info,"File:
\"1645002721910/blocks/2022-02-17-11-48-37/0/000001.bak\", Size: 112,
OK",0,0,0,,,
[2022/02/17 11:48:46] [info] [1645004588276] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 11:48:46] [cbs] [1645004588276] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"",0,0,0,,,
[2022/02/17 11:48:46] [info] [1645004588276] Total New Files = 3
[2022/02/17 11:48:46] [info] [1645004588276] Total New Directories = 2
[2022/02/17 11:48:46] [info] [1645004588276] Total New Links = 0
[2022/02/17 11:48:46] [info] [1645004588276] Total Updated Files = 0
[2022/02/17 11:48:46] [info] [1645004588276] Total Attributes Changed
Files = 0
[2022/02/17 11:48:46] [info] [1645004588276] Total Deleted Files = 0
[2022/02/17 11:48:46] [info] [1645004588276] Total Deleted Directories
= 0
[2022/02/17 11:48:46] [info] [1645004588276] Total Deleted Links = 0
[2022/02/17 11:48:46] [info] [1645004588276] Total Moved Files = 0
[2022/02/17 11:48:46] [info] [1645004588276] Total Dedupe Saving for
this job = 0B
[2022/02/17 11:48:46] [info] [1645004588276] Total Backup Data Size for
this job = 37KB
[2022/02/17 11:48:46] [info] [1645004588276] Total Dedupe Saving for
destination = 0B
[2022/02/17 11:48:46] [info] [1645004588276] Total Backup Data Size for
destination = 37KB
[2022/02/17 11:48:46] [info] [1645004588276] Start running retention
policy on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)"
[2022/02/17 11:48:46] [cbs] [1645004588276] info,"Start running
retention policy on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\"",0,0,0,,,
[2022/02/17 11:48:46] [info] [1645004588276] Start processing space
freeing up on backup set= "BackupSet-1 (1645002721910)" destination=
"AhsayCBS (1645004588276)"
[2022/02/17 11:48:46] [cbs] [1645004588276] info,"Start processing
space freeing up on backup set= \"BackupSet-1 (1645002721910)\",
destination= \"AhsayCBS (1645004588276)\"",0,0,0,,,
[2022/02/17 11:48:46] [info] [1645004588276] Space freeing up on backup
set= "BackupSet-1 (1645002721910)" destination= "AhsayCBS
(1645004588276)" is completed
[2022/02/17 11:48:46] [cbs] [1645004588276] info,"Space freeing up on
backup set= \"BackupSet-1 (1645002721910)\", destination= \"AhsayCBS
(1645004588276)\" is completed",0,0,0,,,
[2022/02/17 11:48:46] [info] [1645004588276] Finished running retention
policy on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)"
[2022/02/17 11:48:46] [cbs] [1645004588276] info,"Finished running
retention policy on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\"",0,0,0,,,
[2022/02/17 11:48:47] [info] [-] Saving server information to
destination.
[2022/02/17 11:48:47] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 11:48:47] [info] [1645004588276] Saving encrypted backup
file index to 1645002721910/blocks/2022-02-17-11-48-37 at destination
AhsayCBS...

```

```
[2022/02/17 11:48:47] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-48-
37/index.db.21000.17f05cbf727.cgz'
[2022/02/17 11:48:47] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-48-37/index.db_2022-02-17-11-
48-37.chk.0.17f05cbf740.cgz'
[2022/02/17 11:48:47] [hide] [1645004588276] Transfer index.metadata,
file= '1645002721910/blocks/2022-02-17-11-48-37/index.metadata.cgz'
[2022/02/17 11:48:47] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-48-
37/backupInfo.db.b000.17f05cbf735.cgz'
[2022/02/17 11:48:48] [info] [-] Start running post-commands
[2022/02/17 11:48:48] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 11:48:48] [info] [-] Finished running post-commands
[2022/02/17 11:48:48] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 11:48:48] [info] [1645004588276] Deleting temporary file
C:\Users\user\temp\1645002721910\OBS@1645004588276
[2022/02/17 11:48:48] [info] [1645004588276] Backup Completed
Successfully
[2022/02/17 11:48:48] [cbs] [1645004588276]
end,BS_STOP_SUCCESS,0,0,0,,,
```

- c. Another scenario is to **exclude** files that starts and ends with the letter t with **Include all unmatched files/folders** left unchecked.

**starts t**  
E:\document

**ends t**  
E:\document

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☐ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison starts with

☐ Regular expression (UNIX-style)

Existing patterns to match

X

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☐ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison ends with

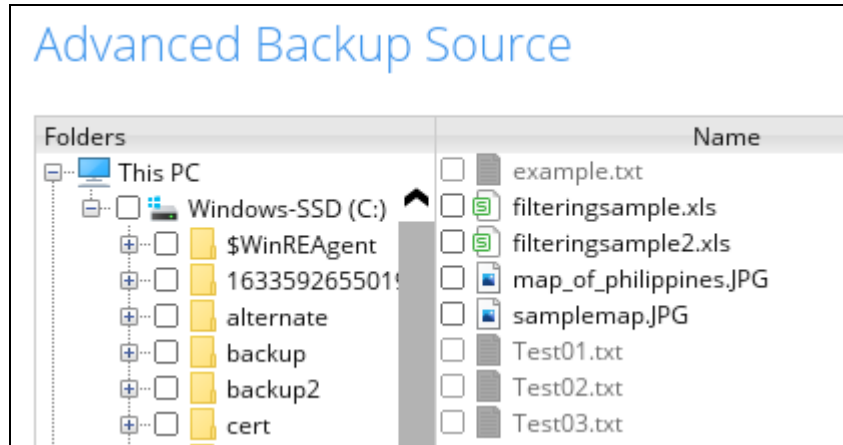
☐ Regular expression (UNIX-style)

Existing patterns to match

X



The result is:



Explanation: No file will be included in the backup since all the files that starts and ends with the letter t will be excluded and all the other files that does not match the filter will also be excluded. As you can see in the screenshot above the files that match the filter are greyed out but it is not selected for backup.

Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: starts t, Type: Custom, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]][Name: ends with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
-----	------	------------	------	---------------

Backup Log:

```
[2022/02/17 11:58:00] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 11:58:00] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 366.5MB (Current) / 1.8GB (Maximum); Physical Memory:
962.2MB (Free) / 7.7GB (Total)
[2022/02/17 11:58:00] [cbs] [1645004588276] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 11:58:00] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 11:58:00] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 11:58:01] [info] [1645004588276] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 11:58:01] [info] [1645004588276] Using Temporary Directory
C:\Users\user\temp\1645002721910\OBS@1645004588276
[2022/02/17 11:58:01] [cbs] [1645004588276] info,Using Temporary
Directory C:\Users\user\temp\1645002721910\OBS@1645004588276,0,0,0,,,
[2022/02/17 11:58:03] [hide] [1645004588276] Run Periodic DIC since the
last run is over 7 days.
[2022/02/17 11:58:03] [info] [1645004588276] Start Periodic Data
Integrity Check on backup set = "BackupSet-1" destination = "AhsayCBS"
[2022/02/17 11:58:03] [cbs] [1645004588276] info,"Start Periodic Data
Integrity Check on backup set = \"BackupSet-1\" destination =
\"AhsayCBS\"",0,0,0,,,
```

```

[2022/02/17 11:58:03] [info] [1645004588276] Start data integrity check
on backup set "BackupSet-1(1645002721910)", "AhsayCBS(1645004588276)",
crc disabled, rebuild index disabled
[2022/02/17 11:58:03] [cbs] [1645004588276] info,"Start data integrity
check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:58:03] [info] [1645004588276] Start processing data
integrity check on backup set= "BackupSet-1" destination= "AhsayCBS"
[2022/02/17 11:58:03] [cbs] [1645004588276] info,"Start processing data
integrity check on backup set= \"BackupSet-1\" destination=
\"AhsayCBS\"",0,0,0,,,
[2022/02/17 11:58:04] [info] [1645004588276] Skipped to run Data
Integrity Check for backup set "BackupSet-1" in destination "AhsayCBS"
because no data is in index.
[2022/02/17 11:58:04] [cbs] [1645004588276] info,"Skipped to run Data
Integrity Check for backup set \"BackupSet-1\" in destination
\"AhsayCBS\" because no data is in index.",0,0,0,,,
[2022/02/17 11:58:05] [info] [1645004588276] Data integrity check on
backup set= "BackupSet-1" destination= "AhsayCBS" is completed
[2022/02/17 11:58:05] [cbs] [1645004588276] info,"Data integrity check
on backup set= \"BackupSet-1\" destination= \"AhsayCBS\" is
completed",0,0,0,,,
[2022/02/17 11:58:05] [info] [1645004588276] Finished data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 11:58:05] [cbs] [1645004588276] info,"Finished data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:58:05] [info] [1645004588276] Completed data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 11:58:05] [cbs] [1645004588276] info,"Completed data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2022/02/17 11:58:05] [info] [-] Start running pre-commands
[2022/02/17 11:58:05] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 11:58:05] [info] [-] Finished running pre-commands
[2022/02/17 11:58:05] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 11:58:05] [info] [1645004588276] Downloading server file
list...
[2022/02/17 11:58:05] [info] [1645004588276] Downloading server file
list... Completed
[2022/02/17 11:58:07] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 11:58:07] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 11:58:07] [info] [1645004588276] Reading backup source from
hard disk...
[2022/02/17 11:58:07] [info] [1645004588276] Reading backup source from
hard disk... Completed
[2022/02/17 11:58:08] [info] [1645004588276] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 11:58:08] [cbs] [1645004588276] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 11:58:08] [info] [1645004588276] This backup job has no
backup data in destination "AhsayCBS"
[2022/02/17 11:58:08] [cbs] [1645004588276] info,"This backup job has
no backup data in destination \"AhsayCBS\"",0,0,0,,,

```




```


[2022/02/17 11:58:08] [info] [1645004588276] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 11:58:08] [cbs] [1645004588276] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""",0,0,0,,,
[2022/02/17 11:58:08] [info] [1645004588276] Total New Files = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total New Directories = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total New Links = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total Updated Files = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total Attributes Changed
Files = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total Deleted Files = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total Deleted Directories
= 0
[2022/02/17 11:58:08] [info] [1645004588276] Total Deleted Links = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total Moved Files = 0
[2022/02/17 11:58:08] [info] [1645004588276] Total Dedupe Saving for
this job = 0B
[2022/02/17 11:58:08] [info] [1645004588276] Total Backup Data Size for
this job = 0B
[2022/02/17 11:58:08] [info] [1645004588276] Total Dedupe Saving for
destination = 0B
[2022/02/17 11:58:08] [info] [1645004588276] Total Backup Data Size for
destination = 0B
[2022/02/17 11:58:08] [info] [1645004588276] Start running retention
policy on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)"
[2022/02/17 11:58:08] [cbs] [1645004588276] info,"Start running
retention policy on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\\""",0,0,0,,,
[2022/02/17 11:58:08] [info] [1645004588276] Start processing space
freeing up on backup set= "BackupSet-1 (1645002721910)" destination=
"AhsayCBS (1645004588276)"
[2022/02/17 11:58:08] [cbs] [1645004588276] info,"Start processing
space freeing up on backup set= \"BackupSet-1 (1645002721910)\",
destination= \"AhsayCBS (1645004588276)\\""",0,0,0,,,
[2022/02/17 11:58:08] [info] [1645004588276] Space freeing up on backup
set= "BackupSet-1 (1645002721910)" destination= "AhsayCBS
(1645004588276)" is completed
[2022/02/17 11:58:08] [cbs] [1645004588276] info,"Space freeing up on
backup set= \"BackupSet-1 (1645002721910)\", destination= \"AhsayCBS
(1645004588276)\", is completed",0,0,0,,,
[2022/02/17 11:58:08] [info] [1645004588276] Finished running retention
policy on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)"
[2022/02/17 11:58:08] [cbs] [1645004588276] info,"Finished running
retention policy on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\\""",0,0,0,,,
[2022/02/17 11:58:08] [info] [-] Saving server information to
destination.
[2022/02/17 11:58:08] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 11:58:08] [info] [1645004588276] Saving encrypted backup
file index to 1645002721910/blocks/2022-02-17-11-57-59 at destination
AhsayCBS...
[2022/02/17 11:58:08] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-57-
59/index.db.21000.17f05d485fa.cgz'
[2022/02/17 11:58:08] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-57-59/index.db_2022-02-17-11-
57-59.chk.0.17f05d4860f.cgz'
[2022/02/17 11:58:08] [hide] [1645004588276] Transfer index.metadata,
file= '1645002721910/blocks/2022-02-17-11-57-59/index.metadata.cgz'

```

```
[2022/02/17 11:58:08] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-11-57-
59/backupInfo.db.b000.17f05d48606.cgz'
[2022/02/17 11:58:09] [info] [-] Start running post-commands
[2022/02/17 11:58:09] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 11:58:09] [info] [-] Finished running post-commands
[2022/02/17 11:58:09] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 11:58:09] [info] [1645004588276] Deleting temporary file
C:\Users\user\temp\1645002721910\OBS@1645004588276
[2022/02/17 11:58:10] [info] [1645004588276] Backup Completed
Successfully
[2022/02/17 11:58:10] [cbs] [1645004588276]
end,BS_STOP_SUCCESS,0,0,0,,,
```

- d. Another scenario is to **exclude** files that starts and ends with the letter t with **Include all unmatched files/folders** checked.

 **starts t**  
C:\filtersamples

 **ends t**  
C:\filtersamples

For each of the matched files/folders under top directory


☐ Include them  
☒ Exclude them

☒ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison starts with ▼  
☐ Regular expression (UNIX-style)

Existing patterns to match

 t

For each of the matched files/folders under top directory


☐ Include them  
☒ Exclude them

☒ Include all unmatched files/folders

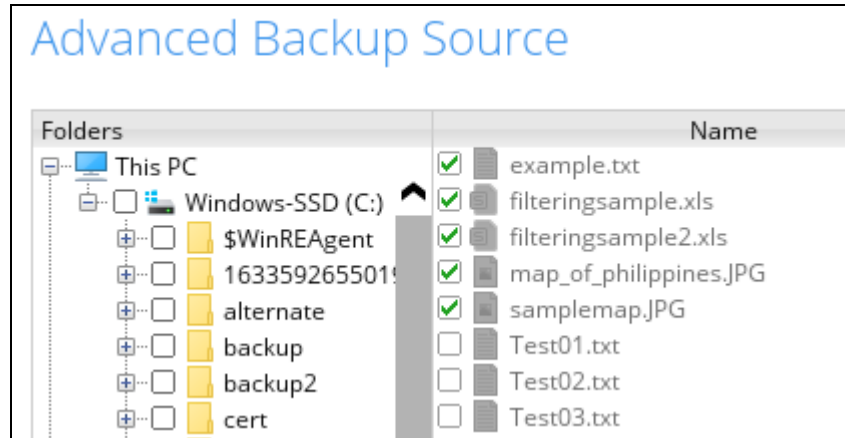
Match file/folder names by

☒ Simple comparison ends with ▼  
☐ Regular expression (UNIX-style)

Existing patterns to match

 t

The result is:



Explanation: Only files that does not match the filter will be included in the backup. Since the **Include all unmatched files/folders** is checked so files that does not start and end with the letter t will be included in the backup. The filename should start and end with the letter t for it to be excluded.

Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: starts t, Type: starts with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [t]][Name: ends t, Type: ends with, Top Directory: C:\filtersamples, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [t]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Days]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 10:10
2	new	C:\filtersamples	12K / 12K (0%)	02/17/2022 11:39
3	new	C:\filtersamples\example.txt	208 / 7K (97%)	12/17/2018 14:27
4	new	C:\filtersamples\filteringsample2.xls	6K / 25K (74%)	08/08/2018 08:42
5	new	C:\filtersamples\filteringsample.xls	6K / 25K (74%)	08/08/2018 08:42
6	new	C:\filtersamples\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
7	new	C:\filtersamples\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

Backup Log:

```
[2022/02/17 12:03:04] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 12:03:04] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 205.3MB (Current) / 1.8GB (Maximum); Physical Memory:
926.4MB (Free) / 7.7GB (Total)
[2022/02/17 12:03:04] [cbs] [1645004588276] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 12:03:04] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 12:03:04] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 12:03:06] [info] [1645004588276] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 12:03:06] [info] [1645004588276] Using Temporary Directory
C:\Users\user\temp\1645002721910\OBS@1645004588276
[2022/02/17 12:03:06] [cbs] [1645004588276] info,Using Temporary
Directory C:\Users\user\temp\1645002721910\OBS@1645004588276,0,0,0,,,
[2022/02/17 12:03:07] [hide] [1645004588276] Run Periodic DIC since the
last run is over 7 days.
```

```

[2022/02/17 12:03:07] [info] [1645004588276] Start Periodic Data
Integrity Check on backup set = "BackupSet-1" destination = "AhsayCBS"
[2022/02/17 12:03:07] [cbs] [1645004588276] info,"Start Periodic Data
Integrity Check on backup set = \"BackupSet-1\" destination =
\"AhsayCBS\"","0,0,0,,,
[2022/02/17 12:03:07] [info] [1645004588276] Start data integrity check
on backup set "BackupSet-1(1645002721910)", "AhsayCBS(1645004588276)",
crc disabled, rebuild index disabled
[2022/02/17 12:03:07] [cbs] [1645004588276] info,"Start data integrity
check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled","0,0,0,,,
[2022/02/17 12:03:07] [info] [1645004588276] Start processing data
integrity check on backup set= "BackupSet-1" destination= "AhsayCBS"
[2022/02/17 12:03:07] [cbs] [1645004588276] info,"Start processing data
integrity check on backup set= \"BackupSet-1\" destination=
\"AhsayCBS\"","0,0,0,,,
[2022/02/17 12:03:09] [info] [1645004588276] Skipped to run Data
Integrity Check for backup set "BackupSet-1" in destination "AhsayCBS"
because no data is in index.
[2022/02/17 12:03:09] [cbs] [1645004588276] info,"Skipped to run Data
Integrity Check for backup set \"BackupSet-1\" in destination
\"AhsayCBS\" because no data is in index.","0,0,0,,,
[2022/02/17 12:03:10] [info] [1645004588276] Data integrity check on
backup set= "BackupSet-1" destination= "AhsayCBS" is completed
[2022/02/17 12:03:10] [cbs] [1645004588276] info,"Data integrity check
on backup set= \"BackupSet-1\" destination= \"AhsayCBS\" is
completed","0,0,0,,,
[2022/02/17 12:03:10] [info] [1645004588276] Finished data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 12:03:10] [cbs] [1645004588276] info,"Finished data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled","0,0,0,,,
[2022/02/17 12:03:10] [info] [1645004588276] Completed data integrity
check on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)", crc disabled, rebuild index disabled
[2022/02/17 12:03:10] [cbs] [1645004588276] info,"Completed data
integrity check on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\", crc disabled, rebuild index
disabled","0,0,0,,,
[2022/02/17 12:03:10] [info] [-] Start running pre-commands
[2022/02/17 12:03:10] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/17 12:03:10] [info] [-] Finished running pre-commands
[2022/02/17 12:03:10] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 12:03:10] [info] [1645004588276] Downloading server file
list...
[2022/02/17 12:03:10] [info] [1645004588276] Downloading server file
list... Completed
[2022/02/17 12:03:11] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/17 12:03:11] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 12:03:11] [info] [1645004588276] Reading backup source from
hard disk...
[2022/02/17 12:03:11] [info] [1645004588276] Reading backup source from
hard disk... Completed
[2022/02/17 12:03:12] [info] [1645004588276] [New Directory]... C:\
[2022/02/17 12:03:12] [cbs] [1645004588276]
new,C:\,12288,12288,1645063847879,,,D

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```

[2022/02/17 12:03:12] [info] [1645004588276] [New Directory]...
C:\filtersamples
[2022/02/17 12:03:12] [cbs] [1645004588276]
new,C:\filtersamples,12288,12288,1645069177681,,,D
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\example.txt"
[2022/02/17 12:03:12] [cbs] [1645004588276]
new,C:\filtersamples\example.txt,208,7282,1545028063000,,,F
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\filteringsample2.xls"
[2022/02/17 12:03:12] [cbs] [1645004588276]
new,C:\filtersamples\filteringsample2.xls,6560,25600,1533688940465,,,F
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\filteringsample.xls"
[2022/02/17 12:03:12] [cbs] [1645004588276]
new,C:\filtersamples\filteringsample.xls,6560,25600,1533688940465,,,F
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 10% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 10% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 20% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 20% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 30% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 30% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 40% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 40% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 50% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 60% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 50% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 70% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 60% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 80% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 70% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 90% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 80% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\samplemap.JPG"
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 90% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [cbs] [1645004588276]
new,C:\filtersamples\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2022/02/17 12:03:12] [info] [1645004588276] [New File]... 100% of
"C:\filtersamples\map_of_philippines.JPG"
[2022/02/17 12:03:12] [hide] [1645004588276] Chunk:
Path="C:\filtersamples\map_of_philippines.JPG", Offset=208,
Length=1442384, Raw Length=1442376, Duplicated data ID=4,
RawChecksum=0A1889E9C2D4F12E, RawChecksumType=1,
BackupJob=20220217120303, BlockSeq=0, ChunkNo=4, FileID=6

```

```

[2022/02/17 12:03:12] [info] [1645004588276] Deduplication Info:
File="C:\filtersamples\map_of_philippines.JPG", duplicated
file="C:\filtersamples\samplemap.JPG (2022-02-17-12-03-03)",
size="1,442,376"
[2022/02/17 12:03:12] [cbs] [1645004588276] info,"Deduplication Info:
File=\"C:\\filtersamples\\map_of_philippines.JPG\", duplicated
file=\\\"C:\\filtersamples\\samplemap.JPG (2022-02-17-12-03-03)\",
size=\\\"1,442,376\\\"\",0,0,0,,,
[2022/02/17 12:03:12] [cbs] [1645004588276]
new,C:\filtersamples\map_of_philippines.JPG,1442384,1442376,15183178851
64,,,F
[2022/02/17 12:03:18] [info] [1645004588276] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"Start validating the
presence and size of backup data in destination
\\\"AhsayCBS\\\"...\",0,0,0,,,
[2022/02/17 12:03:18] [info] [1645004588276] File:
"1645002721910/blocks/2022-02-17-12-03-03/0/000000.bak", Size:
1,442,592, OK
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"File:
\\\"1645002721910/blocks/2022-02-17-12-03-03/0/000000.bak\\\", Size:
1,442,592, OK\",0,0,0,,,
[2022/02/17 12:03:18] [info] [1645004588276] File:
"1645002721910/blocks/2022-02-17-12-03-03/0/000001.bak", Size: 13,120,
OK
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"File:
\\\"1645002721910/blocks/2022-02-17-12-03-03/0/000001.bak\\\", Size:
13,120, OK\",0,0,0,,,
[2022/02/17 12:03:18] [info] [1645004588276] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"Finished validating
the presence and size of backup data in destination
\\\"AhsayCBS\\\"\",0,0,0,,,
[2022/02/17 12:03:18] [info] [1645004588276] Total New Files = 5
[2022/02/17 12:03:18] [info] [1645004588276] Total New Directories = 2
[2022/02/17 12:03:18] [info] [1645004588276] Total New Links = 0
[2022/02/17 12:03:18] [info] [1645004588276] Total Updated Files = 0
[2022/02/17 12:03:18] [info] [1645004588276] Total Attributes Changed
Files = 0
[2022/02/17 12:03:18] [info] [1645004588276] Total Deleted Files = 0
[2022/02/17 12:03:18] [info] [1645004588276] Total Deleted Directories
= 0
[2022/02/17 12:03:18] [info] [1645004588276] Total Deleted Links = 0
[2022/02/17 12:03:18] [info] [1645004588276] Total Moved Files = 0
[2022/02/17 12:03:18] [info] [1645004588276] Total Dedupe Saving for
this job = 1.38MB
[2022/02/17 12:03:18] [info] [1645004588276] Total Backup Data Size for
this job = 2.81MB
[2022/02/17 12:03:18] [info] [1645004588276] Total Dedupe Saving for
destination = 1.38MB
[2022/02/17 12:03:18] [info] [1645004588276] Total Backup Data Size for
destination = 2.81MB
[2022/02/17 12:03:18] [info] [1645004588276] Start running retention
policy on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)"
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"Start running
retention policy on backup set \\\"BackupSet-1(1645002721910)\",
\\\"AhsayCBS(1645004588276)\",0,0,0,,,
[2022/02/17 12:03:18] [info] [1645004588276] Start processing space
freeing up on backup set= "BackupSet-1 (1645002721910)" destination=
"AhsayCBS (1645004588276)"
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"Start processing
space freeing up on backup set= \\\"BackupSet-1 (1645002721910)\",
destination= \\\"AhsayCBS (1645004588276)\",0,0,0,,,

```




```

[2022/02/17 12:03:18] [info] [1645004588276] Space freeing up on backup
set= "BackupSet-1 (1645002721910)" destination= "AhsayCBS
(1645004588276)" is completed
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"Space freeing up on
backup set= \"BackupSet-1 (1645002721910)\" destination= \"AhsayCBS
(1645004588276)\" is completed",0,0,0,,,
[2022/02/17 12:03:18] [info] [1645004588276] Finished running retention
policy on backup set "BackupSet-1(1645002721910)",
"AhsayCBS(1645004588276)"
[2022/02/17 12:03:18] [cbs] [1645004588276] info,"Finished running
retention policy on backup set \"BackupSet-1(1645002721910)\",
\"AhsayCBS(1645004588276)\"\"",0,0,0,,,
[2022/02/17 12:03:19] [info] [-] Saving server information to
destination.
[2022/02/17 12:03:19] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 12:03:19] [info] [1645004588276] Saving encrypted backup
file index to 1645002721910/blocks/2022-02-17-12-03-03 at destination
AhsayCBS...
[2022/02/17 12:03:19] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-12-03-
03/index.db.21000.17f05d94508.cgz'
[2022/02/17 12:03:19] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-12-03-03/index.db_2022-02-17-12-
03-03.chk.0.17f05d94520.cgz'
[2022/02/17 12:03:19] [hide] [1645004588276] Transfer index.metadata,
file= '1645002721910/blocks/2022-02-17-12-03-03/index.metadata.cgz'
[2022/02/17 12:03:19] [hide] [1645004588276] Transfer
file='1645002721910/blocks/2022-02-17-12-03-
03/backupInfo.db.b000.17f05d94514.cgz'
[2022/02/17 12:03:20] [info] [-] Start running post-commands
[2022/02/17 12:03:20] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/17 12:03:20] [info] [-] Finished running post-commands
[2022/02/17 12:03:20] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 12:03:20] [info] [1645004588276] Deleting temporary file
C:\Users\user\temp\1645002721910\OBS@1645004588276
[2022/02/17 12:03:22] [info] [1645004588276] Backup Completed
Successfully
[2022/02/17 12:03:22] [cbs] [1645004588276]
end,BS_STOP_SUCCESS,0,0,0,,,

```

## Appendix A.2 Linux/ FreeBSD OS

1. Backup set with a filter that starts with uppercase letter A.

<div><h3>Filter</h3><div><b>Name</b> <input type="text" value="Filter that starts with A"/></div><div><b>Matching pattern</b> <div><input type="checkbox"/>  Pattern</div><div><input type="checkbox"/> A</div></div><div><b>For each of the matched files/folders under top directory</b> <div><input checked="" type="radio"/> Include them</div><div><input type="radio"/> Exclude them</div></div><div><b>Exclusion</b> <input checked="" type="checkbox"/> Exclude all unmatched files/folders</div><div><b>Match file/folder names by</b> <div><input checked="" type="radio"/> Simple comparison <input type="text" value="starts with"/></div><div><input type="radio"/> Regular expression (UNIX-style)</div></div><div><b>How to Apply This Filter</b> <div>Apply this filter to all files/folders in</div><div><input type="radio"/> All hard disk drives</div><div><input checked="" type="radio"/> This folder only (Input local / network address)</div><div><input type="text" value="/root/Documents"/></div><div><input type="checkbox"/> This share requires access credentials</div></div><div><b>Apply to</b> <input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</div></div>	<div><p>Filter Name = Filter that starts with A Matching Pattern = A Filter Mode = Include them Exclude all others = True Matching Type = Simple Comparison   starts with Apply To = File Directory = /root/Documents</p><p>As a result, these are the total files and directories that have been successfully backed up:</p><p>Total New Files = 12</p><ol style="list-style-type: none"><li>1. <a href="#">AhsayACB_UserGuideforWindows_version7.docx</a></li><li>2. <a href="#">AhsayCBS_version7_UserGuide.docx</a></li><li>3. <a href="#">AhsayCloudFileBackupSolution_v7.pptx</a></li><li>4. <a href="#">AhsayCloudFileBackupSolution_v8.pptx</a></li><li>5. <a href="#">AhsayCloudFileBackupSolution_v9.pptx</a></li><li>6. <a href="#">AhsayCloudFileBackupSolution_v10.pptx</a></li><li>7. <a href="#">AhsayOBM_version7_QuickStartGuide.docx</a></li><li>8. <a href="#">AlertMessageFive.png</a></li><li>9. <a href="#">AlertMessageFour.png</a></li><li>10. <a href="#">AlertMessageOne.png</a></li><li>11. <a href="#">AlertMessageThree.png</a></li><li>12. <a href="#">AlertMessageTwo.png</a></li></ol><p>Total New Directories = 3</p><ol style="list-style-type: none"><li>1. /</li><li>2. /root</li><li>3. /root/Documents</li></ol></div>
---	--

### Explanation:

All the files that starts with uppercase letter A have been successfully backed up including the directories but excluding all the other files that did not match the filter. This filter only applies to a specific folder which is Documents, and since the File, *under the "Apply to" field*, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.



Here are the reports using the AhsayCBS web console and CLI:

#### Backup Report from AhsayCBS Web Console

Backup Set Settings				
Field	Value			
Backup Source	[Shortcut - Documents]			
Filter	[Enabled: Yes][Name: Filter that starts with A, Type: starts with, Top Directory: /root/Documents, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [A]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: FreeBSD13x64]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	24 / 24 (0%)	12/28/2021 16:03
2	new	/root	12 / 12 (0%)	02/17/2022 15:02
3	new	/root/Documents	35 / 35 (0%)	02/17/2022 15:02
4	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	30K / 38K (20%)	03/18/2019 15:06
5	new	/root/Documents/AhsayOBM_version7_QuickStartGuide.docx	11K / 14K (17%)	07/10/2018 17:24
6	new	/root/Documents/AlertMessageFour.png	2K / 2K (0%)	02/28/2019 12:10
7	new	/root/Documents/AlertMessageOne.png	2K / 2K (0%)	02/28/2019 12:10
8	new	/root/Documents/AlertMessageThree.png	2K / 2K (0%)	02/28/2019 12:10
9	new	/root/Documents/AlertMessageTwo.png	2K / 2K (0%)	02/28/2019 12:10
10	new	/root/Documents/AhsayACB_UserGuideforWindows_version7.docx	11K / 14K (17%)	07/10/2018 17:24
11	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	30K / 38K (20%)	03/18/2019 15:06
12	new	/root/Documents/AhsayCBS_version7_UserGuide.docx	11K / 14K (17%)	07/10/2018 17:24
13	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	30K / 38K (20%)	03/18/2019 15:06
14	new	/root/Documents/AlertMessageFive.png	2K / 2K (0%)	02/28/2019 12:10
15	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	30K / 38K (20%)	03/18/2019 15:06

#### Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645081666006/Backup
#cat 2022-02-17-07-18-05.log

[2022/02/17 07:18:21] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 07:18:21] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU), Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 71.7MB (Current) / 1.8GB (Maximum);
Physical Memory: 144MB (Free) / 4GB (Total)
[2022/02/17 07:18:21] [cbs] [1645081921336] start, Start [ AhsayOBM
v9.1.2.0 ], 0, 0, 0, , ,
[2022/02/17 07:18:23] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/17 07:18:23] [cbs] [-] info, Saving encrypted backup set encryption
keys to server..., 0, 0, 0, , ,
[2022/02/17 07:18:24] [info] [1645081921336] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/17 07:18:24] [info] [1645081921336] Using Temporary Directory
/root/tmp/1645081666006/OBS@1645081921336
[2022/02/17 07:18:24] [cbs] [1645081921336] info, Using Temporary Directory
/root/tmp/1645081666006/OBS@1645081921336, 0, 0, 0, , ,
[2022/02/17 07:18:27] [hide] [1645081921336] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 07:18:27] [info] [-] Start running pre-commands
[2022/02/17 07:18:27] [cbs] [-] info, Start running pre-commands, 0, 0, 0, , ,
[2022/02/17 07:18:27] [info] [-] Finished running pre-commands
[2022/02/17 07:18:27] [cbs] [-] info, Finished running pre-commands, 0, 0, 0, , ,
```

```

[2022/02/17 07:18:27] [info] [1645081921336] Downloading server file list...
[2022/02/17 07:18:28] [info] [1645081921336] Downloading server file list...
Completed
[2022/02/17 07:18:29] [info] [1645081921336] Reading backup source from hard
disk...
[2022/02/17 07:18:29] [info] [1645081921336] Reading backup source from hard
disk... Completed
[2022/02/17 07:18:29] [info] [1645081921336] [New Directory]... /
[2022/02/17 07:18:29] [cbs] [1645081921336] new,/,24,24,1640678603000,,,D
[2022/02/17 07:18:29] [info] [1645081921336] [New Directory]... /root
[2022/02/17 07:18:29] [cbs] [1645081921336] new,/root,12,12,1645081349000,,,D
[2022/02/17 07:18:29] [info] [1645081921336] [New Directory]...
/root/Documents
[2022/02/17 07:18:29] [cbs] [1645081921336]
new,/root/Documents,35,35,1645081331000,,,D
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 19% of
"/root/Documents/AlertMessageFive.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 39% of
"/root/Documents/AlertMessageFive.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 59% of
"/root/Documents/AlertMessageFive.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 78% of
"/root/Documents/AlertMessageFive.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 98% of
"/root/Documents/AlertMessageFive.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AlertMessageFive.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AhsayOBM_version7_QuickStartGuide.docx"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2022/02/17 07:18:40] [hide] [1645081921336] Chunk:
Path="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx", Offset=30960,
Length=30960, Raw Length=38994, Duplicated data ID=2,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217071805,
BlockSeq=0, ChunkNo=2, FileID=7
[2022/02/17 07:18:40] [info] [1645081921336] Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-18-
05)", size="38,994"
[2022/02/17 07:18:40] [cbs] [1645081921336] info,"Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx\", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-
18-05)\", size=\"38,994\\",0,0,0,,,
[2022/02/17 07:18:40] [cbs] [1645081921336]
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,30960,38994,15528927

```

```

74000,,,F
[2022/02/17 07:18:40] [cbs] [1645081921336]
new,/root/Documents/AhsayOBM_version7_QuickStartGuide.docx,12240,14902,153121
4650000,,,F
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 19% of
"/root/Documents/AlertMessageFour.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 39% of
"/root/Documents/AlertMessageFour.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 59% of
"/root/Documents/AlertMessageFour.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 78% of
"/root/Documents/AlertMessageFour.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 98% of
"/root/Documents/AlertMessageFour.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AlertMessageFour.png"
[2022/02/17 07:18:40] [cbs] [1645081921336]
new,/root/Documents/AlertMessageFour.png,2608,2593,1551327030000,,,F
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 19% of
"/root/Documents/AlertMessageOne.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 39% of
"/root/Documents/AlertMessageOne.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 59% of
"/root/Documents/AlertMessageOne.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 78% of
"/root/Documents/AlertMessageOne.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 98% of
"/root/Documents/AlertMessageOne.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AlertMessageOne.png"
[2022/02/17 07:18:40] [hide] [1645081921336] Chunk:
Path="/root/Documents/AlertMessageOne.png", Offset=76768, Length=2608, Raw
Length=2593, Duplicated data ID=5, RawChecksum=81573D90B4F92486,
RawChecksumType=1, BackupJob=20220217071805, BlockSeq=0, ChunkNo=5, FileID=9
[2022/02/17 07:18:40] [info] [1645081921336] Deduplication Info:
File="/root/Documents/AlertMessageOne.png", duplicated
file="/root/Documents/AlertMessageFour.png (2022-02-17-07-18-05)",
size="2,593"
[2022/02/17 07:18:40] [cbs] [1645081921336] info,"Deduplication Info:
File=\"/root/Documents/AlertMessageOne.png\", duplicated
file=\"/root/Documents/AlertMessageFour.png (2022-02-17-07-18-05)\",
size=\"2,593\"",0,0,0,,,
[2022/02/17 07:18:40] [cbs] [1645081921336]
new,/root/Documents/AlertMessageOne.png,2608,2593,1551327030000,,,F
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 19% of
"/root/Documents/AlertMessageThree.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 39% of
"/root/Documents/AlertMessageThree.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 59% of
"/root/Documents/AlertMessageThree.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 78% of
"/root/Documents/AlertMessageThree.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 98% of
"/root/Documents/AlertMessageThree.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AlertMessageThree.png"

```

```

[2022/02/17 07:18:40] [hide] [1645081921336] Chunk:
Path="/root/Documents/AlertMessageThree.png", Offset=76768, Length=2608, Raw
Length=2593, Duplicated data ID=5, RawChecksum=81573D90B4F92486,
RawChecksumType=1, BackupJob=20220217071805, BlockSeq=0, ChunkNo=5, FileID=10
[2022/02/17 07:18:40] [info] [1645081921336] Deduplication Info:
File="/root/Documents/AlertMessageThree.png", duplicated
file="/root/Documents/AlertMessageFour.png (2022-02-17-07-18-05)",
size="2,593"
[2022/02/17 07:18:40] [cbs] [1645081921336] info,"Deduplication Info:
File=\"/root/Documents/AlertMessageThree.png\", duplicated
file=\"/root/Documents/AlertMessageFour.png (2022-02-17-07-18-05)\",
size=\"2,593\"","0,0,0,,,
[2022/02/17 07:18:40] [cbs] [1645081921336]
new,/root/Documents/AlertMessageThree.png,2608,2593,1551327030000,,,F
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 19% of
"/root/Documents/AlertMessageTwo.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 39% of
"/root/Documents/AlertMessageTwo.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 59% of
"/root/Documents/AlertMessageTwo.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 78% of
"/root/Documents/AlertMessageTwo.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 98% of
"/root/Documents/AlertMessageTwo.png"
[2022/02/17 07:18:40] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AlertMessageTwo.png"
[2022/02/17 07:18:40] [hide] [1645081921336] Chunk:
Path="/root/Documents/AlertMessageTwo.png", Offset=76768, Length=2608, Raw
Length=2593, Duplicated data ID=5, RawChecksum=81573D90B4F92486,
RawChecksumType=1, BackupJob=20220217071805, BlockSeq=0, ChunkNo=5, FileID=11
[2022/02/17 07:18:40] [info] [1645081921336] Deduplication Info:
File="/root/Documents/AlertMessageTwo.png", duplicated
file="/root/Documents/AlertMessageFour.png (2022-02-17-07-18-05)",
size="2,593"
[2022/02/17 07:18:40] [cbs] [1645081921336] info,"Deduplication Info:
File=\"/root/Documents/AlertMessageTwo.png\", duplicated
file=\"/root/Documents/AlertMessageFour.png (2022-02-17-07-18-05)\",
size=\"2,593\"","0,0,0,,,
[2022/02/17 07:18:40] [cbs] [1645081921336]
new,/root/Documents/AlertMessageTwo.png,2608,2593,1551327030000,,,F
[2022/02/17 07:18:41] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AhsayACB_UserGuideforWindows_version7.docx"
[2022/02/17 07:18:41] [hide] [1645081921336] Chunk:
Path="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx",
Offset=64528, Length=12240, Raw Length=14902, Duplicated data ID=4,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220217071805,
BlockSeq=0, ChunkNo=4, FileID=2
[2022/02/17 07:18:41] [info] [1645081921336] Deduplication Info:
File="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx", duplicated
file="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx (2022-02-17-07-
18-05)", size="14,902"
[2022/02/17 07:18:41] [cbs] [1645081921336] info,"Deduplication Info:
File=\"/root/Documents/AhsayACB_UserGuideforWindows_version7.docx\",
duplicated file=\"/root/Documents/AhsayOBM_version7_QuickStartGuide.docx
(2022-02-17-07-18-05)\", size=\"14,902\"","0,0,0,,,
[2022/02/17 07:18:41] [cbs] [1645081921336]

```

```

new,/root/Documents/AhsayACB_UserGuideforWindows_version7.docx,12240,14902,15
31214650000,,,F
[2022/02/17 07:18:41] [info] [1645081921336] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2022/02/17 07:18:41] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2022/02/17 07:18:41] [hide] [1645081921336] Chunk:
Path="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx", Offset=30960,
Length=30960, Raw Length=38994, Duplicated data ID=2,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217071805,
BlockSeq=0, ChunkNo=2, FileID=12
[2022/02/17 07:18:41] [info] [1645081921336] Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-18-
05)", size="38,994"
[2022/02/17 07:18:41] [cbs] [1645081921336] info,"Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-
18-05)", size="38,994",0,0,0,,,
[2022/02/17 07:18:41] [cbs] [1645081921336]
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,30960,38994,15528927
74000,,,F
[2022/02/17 07:18:41] [info] [1645081921336] [New File]... 100% of
"/root/Documents/AhsayCBS_version7_UserGuide.docx"
[2022/02/17 07:18:41] [hide] [1645081921336] Chunk:
Path="/root/Documents/AhsayCBS_version7_UserGuide.docx", Offset=64528,
Length=12240, Raw Length=14902, Duplicated data ID=4,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220217071805,
BlockSeq=0, ChunkNo=4, FileID=13
[2022/02/17 07:18:41] [info] [1645081921336] Deduplication Info:
File="/root/Documents/AhsayCBS_version7_UserGuide.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-
07-18-05)", size="14,902"
[2022/02/17 07:18:41] [cbs] [1645081921336] info,"Deduplication Info:
File="/root/Documents/AhsayCBS_version7_UserGuide.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-
17-07-18-05)", size="14,902",0,0,0,,,
[2022/02/17 07:18:41] [cbs] [1645081921336]
new,/root/Documents/AhsayCBS_version7_UserGuide.docx,12240,14902,153121465000
0,,,F
[2022/02/17 07:18:41] [cbs] [1645081921336]
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,30960,38994,15528927
74000,,,F
[2022/02/17 07:18:41] [cbs] [1645081921336]
new,/root/Documents/AlertMessageFive.png,2608,2593,1551327030000,,,F
[2022/02/17 07:18:41] [cbs] [1645081921336]
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,30960,38994,1552892
774000,,,F
[2022/02/17 07:18:43] [info] [1645081921336] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/17 07:18:43] [cbs] [1645081921336] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/17 07:18:44] [info] [1645081921336] File:
"1645081666006/blocks/2022-02-17-07-18-05/0/000000.bak", Size: 79,376, OK
[2022/02/17 07:18:44] [cbs] [1645081921336] info,"File:
\"1645081666006/blocks/2022-02-17-07-18-05/0/000000.bak\", Size: 79,376,

```




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OK",0,0,0,,,
[2022/02/17 07:18:44] [info] [1645081921336] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/17 07:18:44] [cbs] [1645081921336] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\\",0,0,0,,,
[2022/02/17 07:18:44] [info] [1645081921336] Total New Files = 12
[2022/02/17 07:18:44] [info] [1645081921336] Total New Directories = 3
[2022/02/17 07:18:44] [info] [1645081921336] Total New Links = 0
[2022/02/17 07:18:44] [info] [1645081921336] Total Updated Files = 0
[2022/02/17 07:18:44] [info] [1645081921336] Total Attributes Changed Files =
0
[2022/02/17 07:18:44] [info] [1645081921336] Total Deleted Files = 0
[2022/02/17 07:18:44] [info] [1645081921336] Total Deleted Directories = 0
[2022/02/17 07:18:44] [info] [1645081921336] Total Deleted Links = 0
[2022/02/17 07:18:44] [info] [1645081921336] Total Moved Files = 0
[2022/02/17 07:18:44] [info] [1645081921336] Total Dedupe Saving for this job
= 112KB
[2022/02/17 07:18:44] [info] [1645081921336] Total Backup Data Size for this
job = 208KB
[2022/02/17 07:18:44] [info] [1645081921336] Total Dedupe Saving for
destination = 112KB
[2022/02/17 07:18:44] [info] [1645081921336] Total Backup Data Size for
destination = 208KB
[2022/02/17 07:18:47] [info] [-] Saving server information to destination.
[2022/02/17 07:18:47] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 07:18:48] [info] [1645081921336] Saving encrypted backup file
index to 1645081666006/blocks/2022-02-17-07-18-05 at destination AhsayCBS...
[2022/02/17 07:18:48] [hide] [1645081921336] Transfer
file='1645081666006/blocks/2022-02-17-07-18-
05/index.db.23000.17f068c3bfa.cgz'
[2022/02/17 07:18:48] [hide] [1645081921336] Transfer
file='1645081666006/blocks/2022-02-17-07-18-05/index.db_2022-02-17-07-18-
05.chk.68.17f068c3e78.cgz'
[2022/02/17 07:18:48] [hide] [1645081921336] Transfer index.metadata, file=
'1645081666006/blocks/2022-02-17-07-18-05/index.metadata.cgz'
[2022/02/17 07:18:48] [hide] [1645081921336] Transfer
file='1645081666006/blocks/2022-02-17-07-18-
05/backupInfo.db.b000.17f068c3bc0.cgz'
[2022/02/17 07:18:49] [info] [-] Start running post-commands
[2022/02/17 07:18:49] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/17 07:18:49] [info] [-] Finished running post-commands
[2022/02/17 07:18:49] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2022/02/17 07:18:52] [info] [1645081921336] Deleting temporary file
/root/tmp/1645081666006/OBS@1645081921336
[2022/02/17 07:18:53] [info] [1645081921336] Backup Completed Successfully
[2022/02/17 07:18:53] [cbs] [1645081921336] end,BS_STOP_SUCCESS,0,0,0,,,

```

## 2. Backup set with a filter that contains the word Backup.

<div><h3>Filter</h3><div><b>Name</b> <input type="text" value="Filter that contains the word Backup"/></div><div><b>Matching pattern</b> <div><input checked="" type="checkbox"/>  Pattern</div><div><input type="checkbox"/> Backup</div></div><div><b>For each of the matched files/folders under top directory</b> <div><input checked="" type="radio"/> Include them</div><div><input type="radio"/> Exclude them</div></div><div><b>Exclusion</b> <input checked="" type="checkbox"/> Exclude all unmatched files/folders</div><div><b>Match file/folder names by</b> <div><input checked="" type="radio"/> Simple comparison <input type="text" value="contain"/></div><div><input type="radio"/> Regular expression (UNIX-style)</div></div><div><b>How to Apply This Filter</b> <div>Apply this filter to all files/folders in</div><div><input type="radio"/> All hard disk drives</div><div><input checked="" type="radio"/> This folder only (Input local / network address)</div><div><input type="text" value="/root/Documents"/></div><div><input type="checkbox"/> This share requires access credentials</div></div><div><b>Apply to</b> <div><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</div></div></div>	<p>Filter Name = Filter that contains the word Backup Matching Pattern = Backup Filter Mode = Include them Exclude all others = True Matching Type = Simple Comparison   contains Apply To = File Directory = /root/Documents</p> <p>As a result, these are the total files and directories that have been successfully backed up:</p> <p>Total New Files = 10</p> <ol style="list-style-type: none"><li>1. AhsayCloudFileBackupSolution_v10.pptx</li><li>2. AhsayCloudFileBackupSolution_v7.pptx</li><li>3. AhsayCloudFileBackupSolution_v8.pptx</li><li>4. AhsayCloudFileBackupSolution_v9.pptx</li><li>5. BackupSet_2015.docx</li><li>6. BackupSet_2016.docx</li><li>7. BackupSet_2017.docx</li><li>8. BackupSet_2018.docx</li><li>9. BackupSet_2019.docx</li><li>10. BackupSolution.txt</li></ol> <p>Total New Directories = 3</p> <ol style="list-style-type: none"><li>1. /</li><li>2. /root</li><li>3. /root/Documents</li></ol>
---	---

### Explanation:

All the files that contains the word Backup, whether it is located at the beginning, middle, or end of the file name, have been successfully backed up including the directories but excluding all the other files that did not match the filter.

This filter only applies to a specific folder which is Documents, and since the File, under the “Apply to” field, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

Here are the reports using the AhsayCBS web console and CLI:

#### Backup Report from AhsayCBS Web Console

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: Filter that contains the word Backup, Type: contain, Top Directory: /root/Documents, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [Backup]]			
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes]][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: FreeBSD13x64]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: No][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	24 / 24 (0%)	12/28/2021 16:03
2	new	/root	12 / 12 (0%)	02/17/2022 15:02
3	new	/root/Documents	35 / 35 (0%)	02/17/2022 15:02
4	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	30K / 38K (20%)	03/18/2019 15:06
5	new	/root/Documents/BackupSet_2017.docx	11K / 14K (17%)	07/10/2018 17:24
6	new	/root/Documents/BackupSet_2018.docx	11K / 14K (17%)	07/10/2018 17:24
7	new	/root/Documents/BackupSet_2016.docx	11K / 14K (17%)	07/10/2018 17:24
8	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	30K / 38K (20%)	03/18/2019 15:06
9	new	/root/Documents/BackupSet_2015.docx	11K / 14K (17%)	07/10/2018 17:24
10	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	30K / 38K (20%)	03/18/2019 15:06
11	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	30K / 38K (20%)	03/18/2019 15:06
12	new	/root/Documents/BackupSet_2019.docx	11K / 14K (17%)	07/10/2018 17:24
13	new	/root/Documents/BackupSolution.txt	208 / 7K (97%)	12/17/2018 14:27

#### Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645083026665/Backup/
#cat 2022-02-17-07-36-13.log

[2022/02/17 07:36:29] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 07:36:29] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU),Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 71.1MB (Current) / 1.8GB (Maximum);
Physical Memory: 732.8MB (Free) / 4GB (Total)
[2022/02/17 07:36:29] [cbs] [1645083265799] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 07:36:30] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/17 07:36:30] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2022/02/17 07:36:31] [info] [1645083265799] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/17 07:36:31] [info] [1645083265799] Using Temporary Directory
/root/tmp/1645083026665/OBS@1645083265799
[2022/02/17 07:36:31] [cbs] [1645083265799] info,Using Temporary Directory
/root/tmp/1645083026665/OBS@1645083265799,0,0,0,,,
[2022/02/17 07:36:33] [hide] [1645083265799] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 07:36:33] [info] [-] Start running pre-commands
[2022/02/17 07:36:33] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/17 07:36:33] [info] [-] Finished running pre-commands
[2022/02/17 07:36:33] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2022/02/17 07:36:33] [info] [1645083265799] Downloading server file list...
```



```

[2022/02/17 07:36:33] [info] [1645083265799] Downloading server file list...
Completed
[2022/02/17 07:36:35] [info] [1645083265799] Reading backup source from hard
disk...
[2022/02/17 07:36:35] [info] [1645083265799] Reading backup source from hard
disk... Completed
[2022/02/17 07:36:35] [info] [1645083265799] [New Directory]... /
[2022/02/17 07:36:35] [cbs] [1645083265799] new,/,24,24,1640678603000,,,D
[2022/02/17 07:36:35] [info] [1645083265799] [New Directory]... /root
[2022/02/17 07:36:35] [cbs] [1645083265799] new,/root,12,12,1645081349000,,,D
[2022/02/17 07:36:35] [info] [1645083265799] [New Directory]...
/root/Documents
[2022/02/17 07:36:35] [cbs] [1645083265799]
new,/root/Documents,35,35,1645081331000,,,D
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/BackupSet_2018.docx"
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,30960,38994,15528927
74000,,,F
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2022/02/17 07:36:36] [hide] [1645083265799] Chunk:
Path="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx", Offset=0,
Length=30960, Raw Length=38994, Duplicated data ID=1,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217073613,
BlockSeq=0, ChunkNo=1, FileID=3
[2022/02/17 07:36:36] [info] [1645083265799] Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-36-
13)", size="38,994"
[2022/02/17 07:36:36] [cbs] [1645083265799] info,"Deduplication Info:
File="\root/Documents/AhsayCloudFileBackupSolution_v10.pptx\", duplicated
file="\root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-
36-13)\", size=\"38,994\\",0,0,0,,,
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/BackupSet_2017.docx"
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/BackupSet_2017.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/BackupSet_2016.docx"
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/BackupSet_2018.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/BackupSet_2015.docx"
[2022/02/17 07:36:36] [hide] [1645083265799] Chunk:
Path="/root/Documents/BackupSet_2016.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=2, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220217073613, BlockSeq=1, ChunkNo=2, FileID=7
[2022/02/17 07:36:36] [info] [1645083265799] Deduplication Info:
File="/root/Documents/BackupSet_2016.docx", duplicated

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file="/root/Documents/BackupSet_2017.docx (2022-02-17-07-36-13)",
size="14,902"
[2022/02/17 07:36:36] [cbs] [1645083265799] info,"Deduplication Info:
File="/root/Documents/BackupSet_2016.docx\", duplicated
file="/root/Documents/BackupSet_2017.docx (2022-02-17-07-36-13)\",
size="\14,902\"",0,0,0,,,
[2022/02/17 07:36:36] [hide] [1645083265799] Chunk:
Path="/root/Documents/BackupSet_2015.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=2, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220217073613, BlockSeq=1, ChunkNo=2, FileID=6
[2022/02/17 07:36:36] [info] [1645083265799] Deduplication Info:
File="/root/Documents/BackupSet_2015.docx", duplicated
file="/root/Documents/BackupSet_2017.docx (2022-02-17-07-36-13)",
size="14,902"
[2022/02/17 07:36:36] [cbs] [1645083265799] info,"Deduplication Info:
File="/root/Documents/BackupSet_2015.docx\", duplicated
file="/root/Documents/BackupSet_2017.docx (2022-02-17-07-36-13)\",
size="\14,902\"",0,0,0,,,
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/BackupSet_2016.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,30960,38994,1552892
774000,,,F
[2022/02/17 07:36:36] [hide] [1645083265799] Chunk:
Path="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx", Offset=0,
Length=30960, Raw Length=38994, Duplicated data ID=1,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217073613,
BlockSeq=0, ChunkNo=1, FileID=4
[2022/02/17 07:36:36] [info] [1645083265799] Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-36-
13)", size="38,994"
[2022/02/17 07:36:36] [cbs] [1645083265799] info,"Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx\", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-
36-13)\", size="\38,994\"",0,0,0,,,
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/BackupSet_2019.docx"
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2022/02/17 07:36:36] [hide] [1645083265799] Chunk:
Path="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx", Offset=0,
Length=30960, Raw Length=38994, Duplicated data ID=1,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217073613,
BlockSeq=0, ChunkNo=1, FileID=5
[2022/02/17 07:36:36] [hide] [1645083265799] Chunk:
Path="/root/Documents/BackupSet_2019.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=2, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220217073613, BlockSeq=1, ChunkNo=2, FileID=10
[2022/02/17 07:36:36] [info] [1645083265799] Deduplication Info:

```

```

File="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-36-13)", size="38,994"
[2022/02/17 07:36:36] [cbs] [1645083265799] info,"Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx\", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx (2022-02-17-07-36-13)\", size=\"38,994\\\"\",0,0,0,,,
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/BackupSet_2015.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:36:36] [info] [1645083265799] [New File]... 100% of
"/root/Documents/BackupSolution.txt"
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,30960,38994,1552892774000,,,F
[2022/02/17 07:36:36] [info] [1645083265799] Deduplication Info:
File="/root/Documents/BackupSet_2019.docx", duplicated
file="/root/Documents/BackupSet_2016.docx (2022-02-17-07-36-13)",
size="14,902"
[2022/02/17 07:36:36] [cbs] [1645083265799] info,"Deduplication Info:
File="/root/Documents/BackupSet_2019.docx\", duplicated
file="/root/Documents/BackupSet_2016.docx (2022-02-17-07-36-13)\",
size=\"14,902\\\"\",0,0,0,,,
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,30960,38994,1552892774000,,,F
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/BackupSet_2019.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:36:36] [cbs] [1645083265799]
new,/root/Documents/BackupSolution.txt,208,7282,1545028063000,,,F
[2022/02/17 07:36:38] [info] [1645083265799] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/17 07:36:38] [cbs] [1645083265799] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\\\"\",0,0,0,,,
[2022/02/17 07:36:38] [info] [1645083265799] File:
"1645083026665/blocks/2022-02-17-07-36-13/0/000000.bak", Size: 43,200, OK
[2022/02/17 07:36:38] [cbs] [1645083265799] info,"File:
\"1645083026665/blocks/2022-02-17-07-36-13/0/000000.bak\", Size: 43,200,
OK\",0,0,0,,,
[2022/02/17 07:36:38] [info] [1645083265799] File:
"1645083026665/blocks/2022-02-17-07-36-13/0/000001.bak", Size: 12,448, OK
[2022/02/17 07:36:38] [cbs] [1645083265799] info,"File:
\"1645083026665/blocks/2022-02-17-07-36-13/0/000001.bak\", Size: 12,448,
OK\",0,0,0,,,
[2022/02/17 07:36:38] [info] [1645083265799] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/17 07:36:38] [cbs] [1645083265799] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\\\"\",0,0,0,,,
[2022/02/17 07:36:38] [info] [1645083265799] Total New Files = 10
[2022/02/17 07:36:38] [info] [1645083265799] Total New Directories = 3
[2022/02/17 07:36:38] [info] [1645083265799] Total New Links = 0
[2022/02/17 07:36:38] [info] [1645083265799] Total Updated Files = 0
[2022/02/17 07:36:38] [info] [1645083265799] Total Attributes Changed Files =
0
[2022/02/17 07:36:38] [info] [1645083265799] Total Deleted Files = 0
[2022/02/17 07:36:38] [info] [1645083265799] Total Deleted Directories = 0
[2022/02/17 07:36:38] [info] [1645083265799] Total Deleted Links = 0

```

```

[2022/02/17 07:36:38] [info] [1645083265799] Total Moved Files = 0
[2022/02/17 07:36:38] [info] [1645083265799] Total Dedupe Saving for this job
= 157KB
[2022/02/17 07:36:38] [info] [1645083265799] Total Backup Data Size for this
job = 232KB
[2022/02/17 07:36:38] [info] [1645083265799] Total Dedupe Saving for
destination = 157KB
[2022/02/17 07:36:38] [info] [1645083265799] Total Backup Data Size for
destination = 232KB
[2022/02/17 07:36:38] [info] [-] Saving server information to destination.
[2022/02/17 07:36:38] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 07:36:39] [info] [1645083265799] Saving encrypted backup file
index to 1645083026665/blocks/2022-02-17-07-36-13 at destination AhsayCBS...
[2022/02/17 07:36:39] [hide] [1645083265799] Transfer
file='1645083026665/blocks/2022-02-17-07-36-
13/index.db.21000.17f069c9353.cgz'
[2022/02/17 07:36:39] [hide] [1645083265799] Transfer
file='1645083026665/blocks/2022-02-17-07-36-13/index.db_2022-02-17-07-36-
13.chk.68.17f069c95bd.cgz'
[2022/02/17 07:36:39] [hide] [1645083265799] Transfer index.metadata, file=
'1645083026665/blocks/2022-02-17-07-36-13/index.metadata.cgz'
[2022/02/17 07:36:39] [hide] [1645083265799] Transfer
file='1645083026665/blocks/2022-02-17-07-36-
13/backupInfo.db.b000.17f069c9358.cgz'
[2022/02/17 07:36:39] [info] [-] Start running post-commands
[2022/02/17 07:36:39] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/17 07:36:39] [info] [-] Finished running post-commands
[2022/02/17 07:36:39] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2022/02/17 07:36:42] [info] [1645083265799] Deleting temporary file
/root/tmp/1645083026665/OBS@1645083265799
[2022/02/17 07:36:43] [info] [1645083265799] Backup Completed Successfully
[2022/02/17 07:36:43] [cbs] [1645083265799] end,BS_STOP_SUCCESS,0,0,0,,,

```

### 3. Filter that ends with a lowercase letter x.

<h4>Filter</h4> <div> <p><b>Name</b></p> <input type="text" value="Filter that ends with lower-case letter x"/> </div> <div> <p><b>Matching pattern</b></p> <div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> x         </div> </div> <div> <p><b>For each of the matched files/folders under top directory</b></p> <p> <input checked="" type="radio"/> Include them  <input type="radio"/> Exclude them         </p> </div> <div> <p><b>Exclusion</b></p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> </div> <div> <p><b>Match file/folder names by</b></p> <p> <input checked="" type="radio"/> Simple comparison <input type="text" value="ends with"/>   <input type="radio"/> Regular expression (UNIX-style)         </p> </div> <div> <p><b>How to Apply This Filter</b></p> <p>Apply this filter to all files/folders in</p> <p> <input type="radio"/> All hard disk drives  <input checked="" type="radio"/> This folder only (Input local / network address)         </p> <p><input type="text" value="/root/Documents"/></p> <p><input type="checkbox"/> This share requires access credentials</p> <p>Apply to</p> <p> <input checked="" type="checkbox"/> File <input type="checkbox"/> Folder         </p> </div>	<p>Filter Name = Filter that ends with lower-case letter x</p> <p>Matching Pattern = x</p> <p>Filter Mode = Include them</p> <p>Exclude all others = True</p> <p>Matching Type = Simple Comparison   ends with</p> <p>Apply To = File</p> <p>Directory = /root/Documents</p> <p>As a result, these are the total files and directories that have been successfully backed up:</p> <p>Total New Files = 16</p> <ol style="list-style-type: none"> <li>1. AhsayACB_UserGuideforWindows_version7.docx</li> <li>2. AhsayCBS_version7_UserGuide.docx</li> <li>3. AhsayCloudFileBackupSolution_v7.pptx</li> <li>4. AhsayCloudFileBackupSolution_v8.pptx</li> <li>5. AhsayCloudFileBackupSolution_v9.pptx</li> <li>6. AhsayCloudFileBackupSolution_v10.pptx</li> <li>7. AhsayOBM_version7_QuickStartGuide.docx</li> <li>8. BackupSet_2015.docx</li> <li>9. BackupSet_2016.docx</li> <li>10. BackupSet_2017.docx</li> <li>11. BackupSet_2018.docx</li> <li>12. BackupSet_2019.docx</li> <li>13. SpreadSheet_x_151.xlsx</li> <li>14. SpreadSheet_x_152.xlsx</li> <li>15. SpreadSheet_x_153.xlsx</li> <li>16. version7_AhsayMOB_UserGuideAndroid.docx</li> </ol> <p>Total New Directories = 3</p> <ol style="list-style-type: none"> <li>1. /</li> <li>2. /root</li> <li>3. /root/Documents</li> </ol>
--	--

#### Explanation:

All the files that ends with a lowercase letter x have been successfully backed up including the directories but excluding all the other files that do not match the filter. This only applies to a specific folder which is Documents, and since the File, *under the "Apply to" field*, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

Take note also that the Ends With filter includes the extension file upon performing the filtering. For example, the file name **AhsayCloudFileBackupSolution\_v10.pptx**. Looking closely on the file name, it doesn't end with a lower-case letter x but since it is a PowerPoint presentation which has an extension file of **pptx**, it was automatically accepted and included in the backup.

Here are the reports using the AhsayCBS web console and CLI:

#### Backup Report from AhsayCBS Web Console

##### Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter that ends with lower-case letter x, Type: ends with, Top Directory: /root/Documents, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [x]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: FreeBSD13x64]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: No][File Permissions: Yes][Compression Type: Fast with optimization for local]

##### Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	/	24 / 24 (0%)	12/28/2021 16:03
2	new	/root	12 / 12 (0%)	02/17/2022 15:02
3	new	/root/Documents	35 / 35 (0%)	02/17/2022 15:02
4	new	/root/Documents/AhsayACB_UserGuideforWindows_version7.docx	11K / 14K (17%)	07/10/2018 17:24
5	new	/root/Documents/AhsayCBS_version7_UserGuide.docx	11K / 14K (17%)	07/10/2018 17:24
6	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	30K / 38K (20%)	03/18/2019 15:06
7	new	/root/Documents/BackupSet_2018.docx	11K / 14K (17%)	07/10/2018 17:24
8	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	30K / 38K (20%)	03/18/2019 15:06
9	new	/root/Documents/BackupSet_2016.docx	11K / 14K (17%)	07/10/2018 17:24
10	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	30K / 38K (20%)	03/18/2019 15:06
11	new	/root/Documents/AhsayOBM_version7_QuickStartGuide.docx	11K / 14K (17%)	07/10/2018 17:24
12	new	/root/Documents/BackupSet_2015.docx	11K / 14K (17%)	07/10/2018 17:24
13	new	/root/Documents/BackupSet_2017.docx	11K / 14K (17%)	07/10/2018 17:24
14	new	/root/Documents/BackupSet_2019.docx	11K / 14K (17%)	07/10/2018 17:24
15	new	/root/Documents/SpreadSheet_x_151.xlsx	19K / 23K (16%)	03/18/2019 15:11
16	new	/root/Documents/SpreadSheet_x_152.xlsx	19K / 23K (16%)	03/18/2019 15:11
17	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	30K / 38K (20%)	03/18/2019 15:06
18	new	/root/Documents/SpreadSheet_x_153.xlsx	19K / 23K (16%)	03/18/2019 15:11
19	new	/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx	11K / 14K (17%)	07/10/2018 17:24

#### Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645083918806/Backup
```

```
#cat 2022-02-17-07-49-11.log
```

```
[2022/02/17 07:49:27] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 07:49:27] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU), Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 72.6MB (Current) / 1.8GB (Maximum);
Physical Memory: 700.1MB (Free) / 4GB (Total)
[2022/02/17 07:49:27] [cbs] [1645084073595] start, Start [ AhsayOBM
v9.1.2.0 ], 0, 0, 0, , ,
[2022/02/17 07:49:28] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/17 07:49:28] [cbs] [-] info, Saving encrypted backup set encryption
keys to server..., 0, 0, 0, , ,
[2022/02/17 07:49:29] [info] [1645084073595] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/17 07:49:29] [info] [1645084073595] Using Temporary Directory
/root/tmp/1645083918806/OBS@1645084073595
[2022/02/17 07:49:29] [cbs] [1645084073595] info, Using Temporary Directory
/root/tmp/1645083918806/OBS@1645084073595, 0, 0, 0, , ,
[2022/02/17 07:49:31] [hide] [1645084073595] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 07:49:31] [info] [-] Start running pre-commands
```



```

[2022/02/17 07:49:31] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/17 07:49:31] [info] [-] Finished running pre-commands
[2022/02/17 07:49:31] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2022/02/17 07:49:31] [info] [1645084073595] Downloading server file list...
[2022/02/17 07:49:31] [info] [1645084073595] Downloading server file list...
Completed
[2022/02/17 07:49:32] [info] [1645084073595] Reading backup source from hard
disk...
[2022/02/17 07:49:32] [info] [1645084073595] Reading backup source from hard
disk... Completed
[2022/02/17 07:49:33] [info] [1645084073595] [New Directory]... /
[2022/02/17 07:49:33] [cbs] [1645084073595] new,/,24,24,1640678603000,,,D
[2022/02/17 07:49:33] [info] [1645084073595] [New Directory]... /root
[2022/02/17 07:49:33] [cbs] [1645084073595] new,/root,12,12,1645081349000,,,D
[2022/02/17 07:49:33] [info] [1645084073595] [New Directory]...
/root/Documents
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents,35,35,1645081331000,,,D
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/AhsayACB_UserGuideforWindows_version7.docx"
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/BackupSet_2015.docx"
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/AhsayACB_UserGuideforWindows_version7.docx,12240,14902,15
31214650000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/AhsayCBS_version7_UserGuide.docx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/AhsayCBS_version7_UserGuide.docx", Offset=0,
Length=12240, Raw Length=14902, Duplicated data ID=1,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220217074911,
BlockSeq=0, ChunkNo=1, FileID=7
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/AhsayCBS_version7_UserGuide.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-
07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="\root/Documents/AhsayCBS_version7_UserGuide.docx\", duplicated
file="\root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-
17-07-49-11)\", size=\"14,902\\",0,0,0,,,
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/AhsayCBS_version7_UserGuide.docx,12240,14902,153121465000
0,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/BackupSet_2015.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=1, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220217074911, BlockSeq=0, ChunkNo=1, FileID=4
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:

```

```

Path="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx", Offset=12240,
Length=30960, Raw Length=38994, Duplicated data ID=2,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217074911,
BlockSeq=0, ChunkNo=2, FileID=3
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx (2022-02-17-07-49-
11)", size="38,994"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v9.pptx (2022-02-17-07-
49-11)", size="38,994",0,0,0,,
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,30960,38994,1552892
774000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/BackupSet_2018.docx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/BackupSet_2018.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=1, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220217074911, BlockSeq=0, ChunkNo=1, FileID=12
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/BackupSet_2018.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-
07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/BackupSet_2018.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-
17-07-49-11)", size="14,902",0,0,0,,
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/BackupSet_2018.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,30960,38994,15528927
74000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx", Offset=12240,
Length=30960, Raw Length=38994, Duplicated data ID=2,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217074911,
BlockSeq=0, ChunkNo=2, FileID=5
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx (2022-02-17-07-
49-11)", size="38,994"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v8.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx (2022-02-17-07-
49-11)", size="38,994",0,0,0,,
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/BackupSet_2016.docx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/BackupSet_2016.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=1, RawChecksum=822EF7A5EAE1B220,

```



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RawChecksumType=1, BackupJob=20220217074911, BlockSeq=0, ChunkNo=1, FileID=10
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/BackupSet_2016.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/BackupSet_2016.docx\", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-07-49-11)\", size=\"14,902\\\"\",0,0,0,,,
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/BackupSet_2016.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,30960,38994,1552892774000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/BackupSet_2015.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/BackupSet_2015.docx\", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-07-49-11)\", size=\"14,902\\\"\",0,0,0,,,
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/AhsayOBM_version7_QuickStartGuide.docx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx", Offset=0,
Length=12240, Raw Length=14902, Duplicated data ID=1,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220217074911,
BlockSeq=0, ChunkNo=1, FileID=9
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx\", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-07-49-11)\", size=\"14,902\\\"\",0,0,0,,,
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/AhsayOBM_version7_QuickStartGuide.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/BackupSet_2017.docx"
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx", Offset=12240,
Length=30960, Raw Length=38994, Duplicated data ID=2,
RawChecksum=AC3C3105EB2E1FCA, RawChecksumType=1, BackupJob=20220217074911,
BlockSeq=0, ChunkNo=2, FileID=8
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/AhsayCloudFileBackupSolution_v7.pptx", duplicated
file="/root/Documents/AhsayCloudFileBackupSolution_v10.pptx (2022-02-17-07-49-11)", size="38,994"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:

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File="\root/Documents/AhsayCloudFileBackupSolution_v7.pptx\", duplicated
file="\root/Documents/AhsayCloudFileBackupSolution_v10.pptx (2022-02-17-07-
49-11)\", size=\"38,994\",0,0,0,,
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/BackupSet_2019.docx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/BackupSet_2019.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=1, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220217074911, BlockSeq=0, ChunkNo=1, FileID=13
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/BackupSet_2019.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-
07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="\root/Documents/BackupSet_2019.docx\", duplicated
file="\root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-
17-07-49-11)\", size=\"14,902\",0,0,0,,
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/SpreadSheet_x_151.xlsx"
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/BackupSet_2015.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/BackupSet_2017.docx", Offset=0, Length=12240, Raw
Length=14902, Duplicated data ID=1, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220217074911, BlockSeq=0, ChunkNo=1, FileID=11
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/BackupSet_2017.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-
07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="\root/Documents/BackupSet_2017.docx\", duplicated
file="\root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-
17-07-49-11)\", size=\"14,902\",0,0,0,,
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/BackupSet_2017.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/SpreadSheet_x_152.xlsx"
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/BackupSet_2019.docx,12240,14902,1531214650000,,,F
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/SpreadSheet_x_151.xlsx,20112,24044,1552893107000,,,F
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/SpreadSheet_x_152.xlsx,20112,24044,1552893107000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/SpreadSheet_x_153.xlsx"
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,30960,38994,15528927
74000,,,F
[2022/02/17 07:49:33] [info] [1645084073595] [New File]... 100% of
"/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx"
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx", Offset=0,
Length=12240, Raw Length=14902, Duplicated data ID=1,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220217074911,
BlockSeq=0, ChunkNo=1, FileID=17
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:

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File="/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-17-
07-49-11)", size="14,902"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx\", duplicated
file="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx (2022-02-
17-07-49-11)\", size=\"14,902\\\"\",0,0,0,,,
[2022/02/17 07:49:33] [hide] [1645084073595] Chunk:
Path="/root/Documents/SpreadSheet_x_153.xlsx", Offset=43200, Length=20112,
Raw Length=24044, Duplicated data ID=3, RawChecksum=F4F64BE0569758BB,
RawChecksumType=1, BackupJob=20220217074911, BlockSeq=0, ChunkNo=3, FileID=16
[2022/02/17 07:49:33] [info] [1645084073595] Deduplication Info:
File="/root/Documents/SpreadSheet_x_153.xlsx", duplicated
file="/root/Documents/SpreadSheet_x_151.xlsx (2022-02-17-07-49-11)",
size="24,044"
[2022/02/17 07:49:33] [cbs] [1645084073595] info,"Deduplication Info:
File="/root/Documents/SpreadSheet_x_153.xlsx\", duplicated
file="/root/Documents/SpreadSheet_x_151.xlsx (2022-02-17-07-49-11)\",
size=\"24,044\\\"\",0,0,0,,,
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/SpreadSheet_x_153.xlsx,20112,24044,1552893107000,,,F
[2022/02/17 07:49:33] [cbs] [1645084073595]
new,/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx,12240,14902,15312
14650000,,,F
[2022/02/17 07:49:35] [info] [1645084073595] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/17 07:49:35] [cbs] [1645084073595] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\\\"\",0,0,0,,,
[2022/02/17 07:49:35] [info] [1645084073595] File:
"1645083918806/blocks/2022-02-17-07-49-11/0/000000.bak", Size: 63,312, OK
[2022/02/17 07:49:35] [cbs] [1645084073595] info,"File:
\"1645083918806/blocks/2022-02-17-07-49-11/0/000000.bak\\\", Size: 63,312,
OK\",0,0,0,,,
[2022/02/17 07:49:35] [info] [1645084073595] File:
"1645083918806/blocks/2022-02-17-07-49-11/0/000001.bak", Size: 20,112, OK
[2022/02/17 07:49:35] [cbs] [1645084073595] info,"File:
\"1645083918806/blocks/2022-02-17-07-49-11/0/000001.bak\\\", Size: 20,112,
OK\",0,0,0,,,
[2022/02/17 07:49:35] [info] [1645084073595] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/17 07:49:35] [cbs] [1645084073595] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\\\"\",0,0,0,,,
[2022/02/17 07:49:35] [info] [1645084073595] Total New Files = 16
[2022/02/17 07:49:35] [info] [1645084073595] Total New Directories = 3
[2022/02/17 07:49:35] [info] [1645084073595] Total New Links = 0
[2022/02/17 07:49:35] [info] [1645084073595] Total Updated Files = 0
[2022/02/17 07:49:35] [info] [1645084073595] Total Attributes Changed Files =
0
[2022/02/17 07:49:35] [info] [1645084073595] Total Deleted Files = 0
[2022/02/17 07:49:35] [info] [1645084073595] Total Deleted Directories = 0
[2022/02/17 07:49:35] [info] [1645084073595] Total Deleted Links = 0
[2022/02/17 07:49:35] [info] [1645084073595] Total Moved Files = 0
[2022/02/17 07:49:35] [info] [1645084073595] Total Dedupe Saving for this job
= 254KB
[2022/02/17 07:49:35] [info] [1645084073595] Total Backup Data Size for this
job = 353KB

```


```
[2022/02/17 07:49:35] [info] [1645084073595] Total Dedupe Saving for
destination = 254KB
[2022/02/17 07:49:35] [info] [1645084073595] Total Backup Data Size for
destination = 353KB
[2022/02/17 07:49:35] [info] [-] Saving server information to destination.
[2022/02/17 07:49:35] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 07:49:36] [info] [1645084073595] Saving encrypted backup file
index to 1645083918806/blocks/2022-02-17-07-49-11 at destination AhsayCBS...
[2022/02/17 07:49:36] [hide] [1645084073595] Transfer
file='1645083918806/blocks/2022-02-17-07-49-
11/index.db.23000.17f06a86d89.cgz'
[2022/02/17 07:49:36] [hide] [1645084073595] Transfer
file='1645083918806/blocks/2022-02-17-07-49-11/index.db_2022-02-17-07-49-
11.chk.68.17f06a86fee.cgz'
[2022/02/17 07:49:36] [hide] [1645084073595] Transfer index.metadata, file=
'1645083918806/blocks/2022-02-17-07-49-11/index.metadata.cgz'
[2022/02/17 07:49:36] [hide] [1645084073595] Transfer
file='1645083918806/blocks/2022-02-17-07-49-
11/backupInfo.db.b000.17f06a86e80.cgz'
[2022/02/17 07:49:36] [info] [-] Start running post-commands
[2022/02/17 07:49:36] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/17 07:49:36] [info] [-] Finished running post-commands
[2022/02/17 07:49:36] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2022/02/17 07:49:39] [info] [1645084073595] Deleting temporary file
/root/tmp/1645083918806/OBS@1645084073595
[2022/02/17 07:49:39] [info] [1645084073595] Backup Completed Successfully
[2022/02/17 07:49:39] [cbs] [1645084073595] end,BS_STOP_SUCCESS,0,0,0,,,
```

## Appendix B Examples using Regular Expression (UNIX-style)

### Appendix B.1 Windows OS

1. Include everything **except the Photo folder**

Existing filters

 everything except Photo  
C:\filtersample

Apply to


☐ File ☒ Folder

For each of the matched files/folders under top directory




























































































☐ Include them  
☒ Exclude them

☒ Include all unmatched files/folders

Match file/folder names by  
☐ Simple comparison ☒ Regular expression (UNIX-style)

Existing patterns to match  
 ^Photo\$

The result is:

Advanced Backup Source			
Folders	Name	Folders	Name
 Drivers	 asset_inventory_2014.xls	 Drivers	 cloud_deployement_Azure.pdf
 E	 asset_inventory_2015.xls	 E	 cloud_deployement_Dropbox.pdf
 filtersample	 asset_inventory_2016.xls	 filtersample	 cloud_deployement_Google.pdf
 Archive	 Asset_Inventory_2017.xls	 Archive	 cloud_deployement_OneDrive.pdf
 Documents	 Asset_Inventory_2018.xls	 Documents	 cloud_deployement_OpenStack.pdf
 doc	 indexes_full_list_2014.txt	 doc	
 pdf	 indexes_full_list_2015.txt	 pdf	
 text	 indexes_full_list_2016.txt	 text	
 Excel	 indexes_full_list_2017.txt	 Excel	
 Photo	 indexes_full_list_2018.txt	 Photo	
Folders	Name	Folders	Name
 Drivers	 Company Profile.doc	 Drivers	 indexes_full_list.txt
 E	 employee_list.doc	 E	 installation_final_cloud.odt
 filtersample	 employee_list_2016.doc	 filtersample	 installation_final_SAN.odt
 Archive	 employee_list_2017.doc	 Archive	 installation_network.odt
 Documents	 employee_list_2018.doc	 Documents	 installation_start_cloud.odt
 doc		 doc	
 pdf		 pdf	
 text		 text	
 Excel		 Excel	
 Photo		 Photo	
Folders	Name	Folders	Name
 Drivers	 asset_inventory_2016.xls	 Drivers	 AliYun_cloud.PNG
 E	 asset_inventory_2017.xls	 E	 CTYun_cloud.PNG
 filtersample	 asset_inventory_2018.xls	 filtersample	 Dropbox_cloud.PNG
 Archive	 Expense_2017_Feb.xls	 Archive	 Google_cloud.PNG
 Documents	 Expense_2017_Mar.xls	 Documents	 IMG_0449.JPG
 doc	 Expense_2018_Feb.xls	 doc	 IMG_0449_0.png
 pdf	Expense_2018_Mar.xls	 pdf	IMG_0449_01.gif
text	Income_2017_Feb.xls	text	IMG_0449_011.bmp
Excel	Income_2017_Mar.xls	Excel	IMG_0449_012.tif
Photo	Income_2018_Feb.xls	Photo	MG_0449_013.png
filtersamples	Income_2018_Mar.xls	filtersamples	MG_0449_014.png
Intel		Intel	OneDrive_cloud.PNG

Explanation: Since the filter excluded the Photo folder, all the files inside it will not be included in the backup. While everything else will be included since the **Include all unmatched files/folders** box is checked.



## Backup Log:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: everything except Photo, Type: Custom, Top Directory: C:\filtersample, Include: No, Exclude all unmatched files/folders: Yes, Apply to: Yes, Apply to files: No, Pattern: [*\Photos]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes]][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 16:27
2	new	C:\filtersample	4K / 4K (0%)	02/17/2022 16:27
3	new	C:\filtersample\Archive	4K / 4K (0%)	02/17/2022 16:27
4	new	C:\filtersample\Documents	0 / 0 (0%)	02/17/2022 16:27
5	new	C:\filtersample\Excel	4K / 4K (0%)	02/17/2022 16:27
6	new	C:\filtersample\Documents\pdf	4K / 4K (0%)	02/17/2022 16:27
7	new	C:\filtersample\Documents\doc	4K / 4K (0%)	02/17/2022 16:27
8	new	C:\filtersample\Documents\text	4K / 4K (0%)	02/17/2022 16:27
9	new	C:\filtersample\Archive\Asset_Inventory_2018.xls	6K / 25K (74%)	08/08/2018 08:42
10	new	C:\filtersample\Archive\asset_Inventory_2016.xls	6K / 25K (74%)	08/08/2018 08:42
11	new	C:\filtersample\Archive\asset_Inventory_2015.xls	6K / 25K (74%)	08/08/2018 08:42
12	new	C:\filtersample\Archive\indexes_full_list_2014.txt	323K / 1.21M (73%)	06/18/2013 20:50
13	new	C:\filtersample\Archive\Asset_Inventory_2017.xls	6K / 25K (74%)	08/08/2018 08:42
14	new	C:\filtersample\Archive\asset_Inventory_2014.xls	6K / 25K (74%)	08/08/2018 08:42
15	new	C:\filtersample\Archive\indexes_full_list_2016.txt	323K / 1.21M (73%)	06/18/2013 20:50
16	new	C:\filtersample\Archive\indexes_full_list_2015.txt	323K / 1.21M (73%)	06/18/2013 20:50
17	new	C:\filtersample\Archive\indexes_full_list_2018.txt	647K / 2.43M (73%)	09/28/2018 12:58
18	new	C:\filtersample\Excel\Expense_2017_Feb.xls	12K / 75K (83%)	09/24/2018 09:39
19	new	C:\filtersample\Excel\Expense_2018_Feb.xls	12K / 75K (83%)	09/24/2018 09:39
20	new	C:\filtersample\Excel\Expense_2017_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
21	new	C:\filtersample\Excel\Expense_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
22	new	C:\filtersample\Excel\Income_2017_Feb.xls	12K / 75K (83%)	09/24/2018 09:39
23	new	C:\filtersample\Excel\Income_2017_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
24	new	C:\filtersample\Excel\Income_2018_Feb.xls	12K / 75K (83%)	09/24/2018 09:39
25	new	C:\filtersample\Excel\Income_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
26	new	C:\filtersample\Excel\asset_Inventory_2016.xls	6K / 25K (74%)	08/08/2018 08:42
27	new	C:\filtersample\Excel\asset_Inventory_2017.xls	6K / 25K (74%)	08/08/2018 08:42
28	new	C:\filtersample\Excel\asset_Inventory_2018.xls	6K / 25K (74%)	08/08/2018 08:42
29	new	C:\filtersample\Documents\doc\Company_Profile.doc	47K / 70K (32%)	07/19/2018 16:05
30	new	C:\filtersample\Archive\indexes_full_list_2017.txt	647K / 2.43M (73%)	09/28/2018 12:59
31	new	C:\filtersample\Documents\doc\employee_list.doc	1.39M / 1.63M (14%)	06/05/2018 19:55
32	new	C:\filtersample\Documents\doc\employee_list_2016.doc	1.39M / 1.63M (14%)	06/05/2018 19:55
33	new	C:\filtersample\Documents\doc\employee_list_2017.doc	1.39M / 1.63M (14%)	06/05/2018 19:55
34	new	C:\filtersample\Documents\doc\employee_list_2018.doc	1.39M / 1.63M (14%)	06/05/2018 19:55
35	new	C:\filtersample\Documents\pdf\cloud_deployment_Azure.pdf	895K / 1.01M (13%)	09/14/2018 15:14
36	new	C:\filtersample\Documents\pdf\cloud_deployment_Dropbox.pdf	895K / 1.01M (13%)	09/14/2018 15:14
37	new	C:\filtersample\Documents\pdf\cloud_deployment_Google.pdf	895K / 1.01M (13%)	09/14/2018 15:14
38	new	C:\filtersample\Documents\pdf\cloud_deployment_OneDrive.pdf	895K / 1.01M (13%)	09/14/2018 15:14
39	new	C:\filtersample\Documents\pdf\cloud_deployment_OpenStack.pdf	895K / 1.01M (13%)	09/14/2018 15:14
40	new	C:\filtersample\Documents\text\installation_final_SAN.odt	20K / 21K (6%)	07/31/2018 16:07
41	new	C:\filtersample\Documents\text\installation_final_cloud.odt	20K / 21K (6%)	07/31/2018 16:07
42	new	C:\filtersample\Documents\text\installation_network.odt	20K / 21K (6%)	07/31/2018 16:07
43	new	C:\filtersample\Documents\text\installation_start_cloud.odt	20K / 21K (6%)	07/31/2018 16:07
44	new	C:\filtersample\Documents\text\indexes_full_list.txt	323K / 1.21M (73%)	06/18/2013 20:50

## Backup Log:

```
[2022/02/17 16:50:18] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 16:50:18] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4; Heap
Size: 294.4MB (Current) / 1.8GB (Maximum); Physical Memory: 952.1MB (Free)
/ 7.7GB (Total)
[2022/02/17 16:50:18] [cbs] [1645087025004] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 16:50:18] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 16:50:18] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 16:50:20] [info] [1645087025004] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 16:50:20] [info] [1645087025004] Using Temporary Directory
C:\Users\user\temp\1645086588753\OBS@1645087025004
```

```

[2022/02/17 16:50:20] [cbs] [1645087025004] info,Using Temporary Directory
C:\Users\user\temp\1645086588753\OBS@1645087025004,0,0,0,,,
[2022/02/17 16:50:21] [hide] [1645087025004] Skip run Periodic DIC since
it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 16:50:21] [info] [-] Start running pre-commands
[2022/02/17 16:50:21] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/17 16:50:21] [info] [-] Finished running pre-commands
[2022/02/17 16:50:21] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 16:50:21] [info] [1645087025004] Downloading server file
list...
[2022/02/17 16:50:22] [info] [1645087025004] Downloading server file
list... Completed
[2022/02/17 16:50:23] [info] [-] Contact your service provider to enable
[Volume Shadow Copy] support
[2022/02/17 16:50:23] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 16:50:23] [info] [1645087025004] Reading backup source from
hard disk...
[2022/02/17 16:50:23] [info] [1645087025004] Reading backup source from
hard disk... Completed
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]... C:\
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\,12288,12288,1645086420451,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]...
C:\filtersample
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample,4096,4096,1645086449175,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]...
C:\filtersample\Archive
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive,4096,4096,1645086448882,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]...
C:\filtersample\Documents
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Documents,0,0,1645086449110,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]...
C:\filtersample\Excel
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Excel,4096,4096,1645086449172,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]...
C:\filtersample\Documents\pdf
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Documents\pdf,4096,4096,1645086449105,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]...
C:\filtersample\Documents\doc
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Documents\doc,4096,4096,1645086448923,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New Directory]...
C:\filtersample\Documents\text
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Documents\text,4096,4096,1645086449132,,,D
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\Asset_Inventory_2018.xls"
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive\Asset_Inventory_2018.xls,6560,25600,1533688940
465,,,F
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\asset_Inventory_2016.xls"
[2022/02/17 16:50:23] [hide] [1645087025004] Chunk:
Path="C:\filtersample\Archive\asset_Inventory_2016.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217165017,
BlockSeq=0, ChunkNo=1, FileID=3

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[2022/02/17 16:50:23] [info] [1645087025004] Deduplication Info:
File="C:\filtersample\Archive\asset_Inventory_2016.xls", duplicated
file="C:\filtersample\Archive\Asset_Inventory_2018.xls (2022-02-17-16-50-17)", size="25,600"
[2022/02/17 16:50:23] [cbs] [1645087025004] info,"Deduplication Info:
File="\C:\\filtersample\\Archive\\asset_Inventory_2016.xls\\", duplicated
file="\C:\\filtersample\\Archive\\Asset_Inventory_2018.xls (2022-02-17-16-50-17)", size="\25,600\\",0,0,0,,
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive\asset_Inventory_2016.xls,6560,25600,1533688940
465,,,F
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\asset_Inventory_2015.xls"
[2022/02/17 16:50:23] [hide] [1645087025004] Chunk:
Path="C:\filtersample\Archive\asset_Inventory_2015.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217165017,
BlockSeq=0, ChunkNo=1, FileID=8
[2022/02/17 16:50:23] [info] [1645087025004] Deduplication Info:
File="C:\filtersample\Archive\asset_Inventory_2015.xls", duplicated
file="C:\filtersample\Archive\Asset_Inventory_2018.xls (2022-02-17-16-50-17)", size="25,600"
[2022/02/17 16:50:23] [cbs] [1645087025004] info,"Deduplication Info:
File="\C:\\filtersample\\Archive\\asset_Inventory_2015.xls\\", duplicated
file="\C:\\filtersample\\Archive\\Asset_Inventory_2018.xls (2022-02-17-16-50-17)", size="\25,600\\",0,0,0,,
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive\asset_Inventory_2015.xls,6560,25600,1533688940
465,,,F
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 10% of
"C:\filtersample\Archive\indexes_full_list_2014.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 10% of
"C:\filtersample\Archive\indexes_full_list_2016.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 28% of
"C:\filtersample\Archive\indexes_full_list_2014.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 28% of
"C:\filtersample\Archive\indexes_full_list_2016.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 45% of
"C:\filtersample\Archive\indexes_full_list_2014.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 45% of
"C:\filtersample\Archive\indexes_full_list_2016.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 61% of
"C:\filtersample\Archive\indexes_full_list_2014.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 61% of
"C:\filtersample\Archive\indexes_full_list_2016.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 74% of
"C:\filtersample\Archive\indexes_full_list_2014.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 74% of
"C:\filtersample\Archive\indexes_full_list_2016.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 86% of
"C:\filtersample\Archive\indexes_full_list_2014.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 86% of
"C:\filtersample\Archive\indexes_full_list_2016.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\indexes_full_list_2014.txt"
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive\indexes_full_list_2014.txt,331248,1272944,1371
559803308,,,F
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\Asset_Inventory_2017.xls"
[2022/02/17 16:50:23] [hide] [1645087025004] Chunk:
Path="C:\filtersample\Archive\Asset_Inventory_2017.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,

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RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217165017,
BlockSeq=0, ChunkNo=1, FileID=6
[2022/02/17 16:50:23] [info] [1645087025004] Deduplication Info:
File="C:\filtersample\Archive\Asset_Inventory_2017.xls", duplicated
file="C:\filtersample\Archive\Asset_Inventory_2018.xls (2022-02-17-16-50-
17)", size="25,600"
[2022/02/17 16:50:23] [cbs] [1645087025004] info,"Deduplication Info:
File=\\"C:\\filtersample\\Archive\\Asset_Inventory_2017.xls\\", duplicated
file=\\"C:\\filtersample\\Archive\\Asset_Inventory_2018.xls (2022-02-17-16-
50-17)\\", size=\\"25,600\\"\\",0,0,0,,,
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive\Asset_Inventory_2017.xls,6560,25600,1533688940
465,,,F
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\asset_Inventory_2014.xls"
[2022/02/17 16:50:23] [hide] [1645087025004] Chunk:
Path="C:\filtersample\Archive\asset_Inventory_2014.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217165017,
BlockSeq=0, ChunkNo=1, FileID=5
[2022/02/17 16:50:23] [info] [1645087025004] Deduplication Info:
File="C:\filtersample\Archive\asset_Inventory_2014.xls", duplicated
file="C:\filtersample\Archive\Asset_Inventory_2018.xls (2022-02-17-16-50-
17)", size="25,600"
[2022/02/17 16:50:23] [cbs] [1645087025004] info,"Deduplication Info:
File=\\"C:\\filtersample\\Archive\\asset_Inventory_2014.xls\\", duplicated
file=\\"C:\\filtersample\\Archive\\Asset_Inventory_2018.xls (2022-02-17-16-
50-17)\\", size=\\"25,600\\"\\",0,0,0,,,
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive\asset_Inventory_2014.xls,6560,25600,1533688940
465,,,F
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 10% of
"C:\filtersample\Archive\indexes_full_list_2015.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 28% of
"C:\filtersample\Archive\indexes_full_list_2015.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 45% of
"C:\filtersample\Archive\indexes_full_list_2015.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\indexes_full_list_2016.txt"
[2022/02/17 16:50:23] [hide] [1645087025004] Chunk:
Path="C:\filtersample\Archive\indexes_full_list_2016.txt", Offset=6560,
Length=331248, Raw Length=1272944, Duplicated data ID=2,
RawChecksum=CB3F6D20B0A1AD43, RawChecksumType=1, BackupJob=20220217165017,
BlockSeq=0, ChunkNo=2, FileID=7
[2022/02/17 16:50:23] [info] [1645087025004] Deduplication Info:
File="C:\filtersample\Archive\indexes_full_list_2016.txt", duplicated
file="C:\filtersample\Archive\indexes_full_list_2014.txt (2022-02-17-16-
50-17)", size="1,272,944"
[2022/02/17 16:50:23] [cbs] [1645087025004] info,"Deduplication Info:
File=\\"C:\\filtersample\\Archive\\indexes_full_list_2016.txt\\", duplicated
file=\\"C:\\filtersample\\Archive\\indexes_full_list_2014.txt (2022-02-17-
16-50-17)\\", size=\\"1,272,944\\"\\",0,0,0,,,
[2022/02/17 16:50:23] [cbs] [1645087025004]
new,C:\filtersample\Archive\indexes_full_list_2016.txt,331248,1272944,1371
559803308,,,F
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 14% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 61% of
"C:\filtersample\Archive\indexes_full_list_2015.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 74% of
"C:\filtersample\Archive\indexes_full_list_2015.txt"
[2022/02/17 16:50:23] [info] [1645087025004] [New File]... 27% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"

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[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 86% of
"C:\filtersample\Archive\indexes_full_list_2015.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\indexes_full_list_2015.txt"
[2022/02/17 16:50:24] [hide] [1645087025004] Chunk:
Path="C:\filtersample\Archive\indexes_full_list_2015.txt", Offset=6560,
Length=331248, Raw Length=1272944, Duplicated data ID=2,
RawChecksum=CB3F6D20B0A1AD43, RawChecksumType=1, BackupJob=20220217165017,
BlockSeq=0, ChunkNo=2, FileID=9
[2022/02/17 16:50:24] [info] [1645087025004] Deduplication Info:
File="C:\filtersample\Archive\indexes_full_list_2015.txt", duplicated
file="C:\filtersample\Archive\indexes_full_list_2014.txt (2022-02-17-16-
50-17)", size="1,272,944"
[2022/02/17 16:50:24] [cbs] [1645087025004] info,"Deduplication Info:
File="\C:\\filtersample\\Archive\\indexes_full_list_2015.txt\\", duplicated
file="\C:\\filtersample\\Archive\\indexes_full_list_2014.txt (2022-02-17-
16-50-17)\\", size="\1,272,944\\",0,0,0,,
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 37% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:24] [cbs] [1645087025004]
new,C:\filtersample\Archive\indexes_full_list_2015.txt,331248,1272944,1371
559803308,,,F
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 14% of
"C:\filtersample\Archive\indexes_full_list_2017.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 51% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 27% of
"C:\filtersample\Archive\indexes_full_list_2017.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 64% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 37% of
"C:\filtersample\Archive\indexes_full_list_2017.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 74% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 84% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 51% of
"C:\filtersample\Archive\indexes_full_list_2017.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 64% of
"C:\filtersample\Archive\indexes_full_list_2017.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 97% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Archive\indexes_full_list_2018.txt"
[2022/02/17 16:50:24] [cbs] [1645087025004]
new,C:\filtersample\Archive\indexes_full_list_2018.txt,662656,2545886,1538
110735129,,,F
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Excel\Expense_2017_Feb.xls"
[2022/02/17 16:50:24] [cbs] [1645087025004]
new,C:\filtersample\Excel\Expense_2017_Feb.xls,12880,76800,1537753152629,,
,F
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 100% of
"C:\filtersample\Excel\Expense_2018_Feb.xls"
[2022/02/17 16:50:24] [hide] [1645087025004] Chunk:
Path="C:\filtersample\Excel\Expense_2018_Feb.xls", Offset=662656,
Length=12880, Raw Length=76800, Duplicated data ID=4,
RawChecksum=1C307A8BD46FA420, RawChecksumType=1, BackupJob=20220217165017,
BlockSeq=1, ChunkNo=4, FileID=13
[2022/02/17 16:50:24] [info] [1645087025004] Deduplication Info:
File="C:\filtersample\Excel\Expense_2018_Feb.xls", duplicated
file="C:\filtersample\Excel\Expense_2017_Feb.xls (2022-02-17-16-50-17)",
size="76,800"

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[2022/02/17 16:50:24] [cbs] [1645087025004] info,"Deduplication Info:
File=\"C:\\filtersample\\Excel\\Expense_2018_Feb.xls\", duplicated
file=\"C:\\filtersample\\Excel\\Expense_2017_Feb.xls (2022-02-17-16-50-
17)\", size=\"76,800\",0,0,0,,
[2022/02/17 16:50:24] [cbs] [1645087025004]
new,C:\\filtersample\\Excel\\Expense_2018_Feb.xls,12880,76800,1537753152629,,
,F
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 74% of
"C:\\filtersample\\Archive\\indexes_full_list_2017.txt"
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"C:\filtersample\Documents\doc\employee_list.doc"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 21% of
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"C:\filtersample\Archive\indexes_full_list_2017.txt"
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[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 51% of
"C:\filtersample\Documents\doc\employee_list.doc"
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[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 71% of
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"C:\filtersample\Documents\doc\employee_list_2016.doc"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 82% of
"C:\filtersample\Documents\doc\employee_list.doc"
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"C:\filtersample\Documents\doc\employee_list.doc"
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"C:\filtersample\Documents\doc\employee_list_2017.doc"
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"C:\filtersample\Documents\doc\employee_list_2017.doc"
[2022/02/17 16:50:24] [info] [1645087025004] [New File]... 61% of
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"C:\filtersample\Documents\doc\employee_list_2017.doc"
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"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
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"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
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98,1536909278178,,,F
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\"AhsayCBS (1645087025004)\",0,0,0,,,
[2022/02/17 16:50:31] [info] [1645087025004] Space freeing up on backup
set= \"BackupSet-1 (1645086588753)\" destination= \"AhsayCBS (1645087025004)\"
is completed
[2022/02/17 16:50:31] [cbs] [1645087025004] info,\"Space freeing up on
backup set= \"BackupSet-1 (1645086588753)\", destination= \"AhsayCBS
(1645087025004)\", is completed\",0,0,0,,,
[2022/02/17 16:50:31] [info] [1645087025004] Finished running retention
policy on backup set \"BackupSet-1(1645086588753)\",
\"AhsayCBS(1645087025004)\"
[2022/02/17 16:50:31] [cbs] [1645087025004] info,\"Finished running
retention policy on backup set \"BackupSet-1(1645086588753)\",
\"AhsayCBS(1645087025004)\",0,0,0,,,
[2022/02/17 16:50:32] [info] [-] Saving server information to destination.
[2022/02/17 16:50:32] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 16:50:32] [info] [1645087025004] Saving encrypted backup file
index to 1645086588753/blocks/2022-02-17-16-50-17 at destination
AhsayCBS...
[2022/02/17 16:50:32] [hide] [1645087025004] Transfer
file='1645086588753/blocks/2022-02-17-16-50-
17/index.db.25000.17f06e039cb.cgz'
[2022/02/17 16:50:32] [hide] [1645087025004] Transfer
file='1645086588753/blocks/2022-02-17-16-50-17/index.db_2022-02-17-16-50-
17.chk.0.17f06e039e7.cgz'
[2022/02/17 16:50:32] [hide] [1645087025004] Transfer index.metadata,
file= '1645086588753/blocks/2022-02-17-16-50-17/index.metadata.cgz'
[2022/02/17 16:50:32] [hide] [1645087025004] Transfer
file='1645086588753/blocks/2022-02-17-16-50-
17/backupInfo.db.b000.17f06e039da.cgz'
[2022/02/17 16:50:33] [info] [-] Start running post-commands
[2022/02/17 16:50:33] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/17 16:50:33] [info] [-] Finished running post-commands
[2022/02/17 16:50:33] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 16:50:33] [info] [1645087025004] Deleting temporary file
C:\Users\user\temp\1645086588753\OBS@1645087025004
[2022/02/17 16:50:35] [info] [1645087025004] Backup Completed Successfully
[2022/02/17 16:50:35] [cbs] [1645087025004] end,BS_STOP_SUCCESS,0,0,0,,,

```

2. Filter **excel files** that **starts with lower case letter a**

Existing filters

 excel files that starts with a  
C:\filtersample

For each of the matched files/folders under top directory


☒ Include them  
☐ Exclude them

☒ Exclude all unmatched files/folders






















Match file/folder names by

☐ Simple comparison ends with ▼  
☒ Regular expression (UNIX-style)

Existing patterns to match

 ^a.\*\.xls\$

The result is:

Advanced Backup Source	
Folders	Name
 Drivers	<input checked="" type="checkbox"/> asset_Inventory_2014.xls
 E	<input checked="" type="checkbox"/> asset_Inventory_2015.xls
 filtersample	<input checked="" type="checkbox"/> asset_Inventory_2016.xls
 Archive	<input type="checkbox"/> Asset_Inventory_2017.xls
 Documents	<input type="checkbox"/> Asset_Inventory_2018.xls
 doc	<input type="checkbox"/> indexes_full_list_2014.txt
 pdf	<input type="checkbox"/> indexes_full_list_2015.txt
 text	<input type="checkbox"/> indexes_full_list_2016.txt
 Excel	<input type="checkbox"/> indexes_full_list_2017.txt
 Photo	<input type="checkbox"/> indexes_full_list_2018.txt
 Drivers	<input checked="" type="checkbox"/> asset_Inventory_2016.xls
 E	<input checked="" type="checkbox"/> asset_Inventory_2017.xls
 filtersample	<input checked="" type="checkbox"/> asset_Inventory_2018.xls
 Archive	<input type="checkbox"/> Expense_2017_Feb.xls
 Documents	<input type="checkbox"/> Expense_2017_Mar.xls
 doc	<input type="checkbox"/> Expense_2018_Feb.xls
 pdf	<input type="checkbox"/> Expense_2018_Mar.xls
 text	<input type="checkbox"/> Income_2017_Feb.xls
 Excel	<input type="checkbox"/> Income_2017_Mar.xls
 Photo	<input type="checkbox"/> Income_2018_Feb.xls
 filtersamples	<input type="checkbox"/> Income_2018_Mar.xls

Explanation: Only excel files that start with lower case letter a will be included in the backup. As you can see only files that start with lower case letter a will be backed up because the filter for regular expressions are case sensitive. So, the files starting with upper case letter A will not be included.



## Backup Report:

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: excel files that starts with a, Type: Custom, Top Directory: C:\filtersample, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [**.xls\$]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: AM017L]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	C\	12K / 12K (0%)	02/17/2022 16:27
2	new	C:\filtersample	4K / 4K (0%)	02/17/2022 16:27
3	new	C:\filtersample\Documents	0 / 0 (0%)	02/17/2022 16:27
4	new	C:\filtersample\Photo	4K / 4K (0%)	02/17/2022 16:27
5	new	C:\filtersample\Archive	4K / 4K (0%)	02/17/2022 16:27
6	new	C:\filtersample\Excel	4K / 4K (0%)	02/17/2022 16:27
7	new	C:\filtersample\Documents\pdf	4K / 4K (0%)	02/17/2022 16:27
8	new	C:\filtersample\Documents\text	4K / 4K (0%)	02/17/2022 16:27
9	new	C:\filtersample\Archive\asset_inventory_2015.xls	6K / 25K (74%)	08/08/2018 08:42
10	new	C:\filtersample\Documents\doc	4K / 4K (0%)	02/17/2022 16:27
11	new	C:\filtersample\Archive\asset_inventory_2016.xls	6K / 25K (74%)	08/08/2018 08:42
12	new	C:\filtersample\Archive\asset_inventory_2014.xls	6K / 25K (74%)	08/08/2018 08:42
13	new	C:\filtersample\Excel\asset_inventory_2016.xls	6K / 25K (74%)	08/08/2018 08:42
14	new	C:\filtersample\Excel\asset_inventory_2018.xls	6K / 25K (74%)	08/08/2018 08:42
15	new	C:\filtersample\Excel\asset_inventory_2017.xls	6K / 25K (74%)	08/08/2018 08:42

## Report Log:

```
[2022/02/17 17:04:31] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 17:04:31] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4; Heap
Size: 466.2MB (Current) / 1.8GB (Maximum); Physical Memory: 748.1MB (Free)
/ 7.7GB (Total)
[2022/02/17 17:04:31] [cbs] [1645088651213] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 17:04:31] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 17:04:31] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 17:04:32] [info] [1645088651213] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 17:04:32] [info] [1645088651213] Using Temporary Directory
C:\Users\user\temp\1645088234616\OBS@1645088651213
[2022/02/17 17:04:32] [cbs] [1645088651213] info,Using Temporary Directory
C:\Users\user\temp\1645088234616\OBS@1645088651213,0,0,0,,,
[2022/02/17 17:04:33] [hide] [1645088651213] Skip run Periodic DIC since
it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 17:04:33] [info] [-] Start running pre-commands
[2022/02/17 17:04:33] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/17 17:04:33] [info] [-] Finished running pre-commands
[2022/02/17 17:04:33] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 17:04:33] [info] [1645088651213] Downloading server file
list...
[2022/02/17 17:04:34] [info] [1645088651213] Downloading server file
list... Completed
[2022/02/17 17:04:35] [info] [-] Contact your service provider to enable
[Volume Shadow Copy] support
[2022/02/17 17:04:35] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 17:04:35] [info] [1645088651213] Reading backup source from
hard disk...
[2022/02/17 17:04:35] [info] [1645088651213] Reading backup source from
hard disk... Completed
```

```

[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]... C:\
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\,12288,12288,1645086420451,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample,4096,4096,1645086449175,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample\Documents
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Documents,0,0,1645086449110,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample\Photo
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Photo,4096,4096,1645086449263,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample\Archive
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Archive,4096,4096,1645086448882,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample\Excel
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Excel,4096,4096,1645086449172,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample\Documents\pdf
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Documents\pdf,4096,4096,1645086449105,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New File]... 100% of
"C:\filtersample\Archive\asset_Inventory_2015.xls"
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample\Documents\text
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Documents\text,4096,4096,1645086449132,,,D
[2022/02/17 17:04:35] [info] [1645088651213] [New File]... 100% of
"C:\filtersample\Archive\asset_Inventory_2016.xls"
[2022/02/17 17:04:35] [info] [1645088651213] [New File]... 100% of
"C:\filtersample\Archive\asset_Inventory_2014.xls"
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Archive\asset_Inventory_2015.xls,6560,25600,1533688940
465,,,F
[2022/02/17 17:04:35] [info] [1645088651213] [New Directory]...
C:\filtersample\Documents\doc
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Documents\doc,4096,4096,1645086448923,,,D
[2022/02/17 17:04:35] [hide] [1645088651213] Chunk:
Path="C:\filtersample\Archive\asset_Inventory_2016.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217170429,
BlockSeq=0, ChunkNo=1, FileID=4
[2022/02/17 17:04:35] [info] [1645088651213] Deduplication Info:
File="C:\filtersample\Archive\asset_Inventory_2016.xls", duplicated
file="C:\filtersample\Archive\asset_Inventory_2015.xls (2022-02-17-17-04-
29)", size="25,600"
[2022/02/17 17:04:35] [cbs] [1645088651213] info,"Deduplication Info:
File="C:\\filtersample\\Archive\\asset_Inventory_2016.xls\\", duplicated
file="C:\\filtersample\\Archive\\asset_Inventory_2015.xls (2022-02-17-17-
04-29)\\", size="25,600\\",0,0,0,,,
[2022/02/17 17:04:35] [hide] [1645088651213] Chunk:
Path="C:\filtersample\Archive\asset_Inventory_2014.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217170429,
BlockSeq=0, ChunkNo=1, FileID=3
[2022/02/17 17:04:35] [info] [1645088651213] Deduplication Info:
File="C:\filtersample\Archive\asset_Inventory_2014.xls", duplicated

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```

file="C:\filtersample\Archive\asset_Inventory_2015.xls (2022-02-17-17-04-29)", size="25,600"
[2022/02/17 17:04:35] [cbs] [1645088651213] info,"Deduplication Info:
File=\\"C:\\filtersample\\Archive\\asset_Inventory_2014.xls\\", duplicated
file=\\"C:\\filtersample\\Archive\\asset_Inventory_2015.xls (2022-02-17-17-04-29)\\", size=\\"25,600\\",0,0,0,,,
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Archive\asset_Inventory_2016.xls,6560,25600,1533688940
465,,,F
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Archive\asset_Inventory_2014.xls,6560,25600,1533688940
465,,,F
[2022/02/17 17:04:35] [info] [1645088651213] [New File]... 100% of
"C:\filtersample\Excel\asset_Inventory_2016.xls"
[2022/02/17 17:04:35] [hide] [1645088651213] Chunk:
Path="C:\filtersample\Excel\asset_Inventory_2016.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217170429,
BlockSeq=0, ChunkNo=1, FileID=5
[2022/02/17 17:04:35] [info] [1645088651213] [New File]... 100% of
"C:\filtersample\Excel\asset_Inventory_2018.xls"
[2022/02/17 17:04:35] [info] [1645088651213] Deduplication Info:
File="C:\filtersample\Excel\asset_Inventory_2016.xls", duplicated
file="C:\filtersample\Archive\asset_Inventory_2015.xls (2022-02-17-17-04-29)", size="25,600"
[2022/02/17 17:04:35] [cbs] [1645088651213] info,"Deduplication Info:
File=\\"C:\\filtersample\\Excel\\asset_Inventory_2016.xls\\", duplicated
file=\\"C:\\filtersample\\Archive\\asset_Inventory_2015.xls (2022-02-17-17-04-29)\\", size=\\"25,600\\",0,0,0,,,
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Excel\asset_Inventory_2016.xls,6560,25600,153368894046
5,,,F
[2022/02/17 17:04:35] [hide] [1645088651213] Chunk:
Path="C:\filtersample\Excel\asset_Inventory_2018.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217170429,
BlockSeq=0, ChunkNo=1, FileID=6
[2022/02/17 17:04:35] [info] [1645088651213] Deduplication Info:
File="C:\filtersample\Excel\asset_Inventory_2018.xls", duplicated
file="C:\filtersample\Archive\asset_Inventory_2015.xls (2022-02-17-17-04-29)", size="25,600"
[2022/02/17 17:04:35] [cbs] [1645088651213] info,"Deduplication Info:
File=\\"C:\\filtersample\\Excel\\asset_Inventory_2018.xls\\", duplicated
file=\\"C:\\filtersample\\Archive\\asset_Inventory_2015.xls (2022-02-17-17-04-29)\\", size=\\"25,600\\",0,0,0,,,
[2022/02/17 17:04:35] [info] [1645088651213] [New File]... 100% of
"C:\filtersample\Excel\asset_Inventory_2017.xls"
[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Excel\asset_Inventory_2018.xls,6560,25600,153368894046
5,,,F
[2022/02/17 17:04:35] [hide] [1645088651213] Chunk:
Path="C:\filtersample\Excel\asset_Inventory_2017.xls", Offset=0,
Length=6560, Raw Length=25600, Duplicated data ID=1,
RawChecksum=C098FA6A1A4AFEE1, RawChecksumType=1, BackupJob=20220217170429,
BlockSeq=0, ChunkNo=1, FileID=7
[2022/02/17 17:04:35] [info] [1645088651213] Deduplication Info:
File="C:\filtersample\Excel\asset_Inventory_2017.xls", duplicated
file="C:\filtersample\Archive\asset_Inventory_2015.xls (2022-02-17-17-04-29)", size="25,600"
[2022/02/17 17:04:35] [cbs] [1645088651213] info,"Deduplication Info:
File=\\"C:\\filtersample\\Excel\\asset_Inventory_2017.xls\\", duplicated
file=\\"C:\\filtersample\\Archive\\asset_Inventory_2015.xls (2022-02-17-17-04-29)\\", size=\\"25,600\\",0,0,0,,,

```

```


[2022/02/17 17:04:35] [cbs] [1645088651213]
new,C:\filtersample\Excel\asset_Inventory_2017.xls,6560,25600,153368894046
5,,,F
[2022/02/17 17:04:36] [info] [1645088651213] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/17 17:04:36] [cbs] [1645088651213] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/17 17:04:36] [info] [1645088651213] File:
"1645088234616/blocks/2022-02-17-17-04-29/0/000000.bak", Size: 6,560, OK
[2022/02/17 17:04:36] [cbs] [1645088651213] info,"File:
\"1645088234616/blocks/2022-02-17-17-04-29/0/000000.bak\", Size: 6,560,
OK",0,0,0,,,
[2022/02/17 17:04:36] [info] [1645088651213] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 17:04:36] [cbs] [1645088651213] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/17 17:04:36] [info] [1645088651213] Total New Files = 6
[2022/02/17 17:04:36] [info] [1645088651213] Total New Directories = 9
[2022/02/17 17:04:36] [info] [1645088651213] Total New Links = 0
[2022/02/17 17:04:36] [info] [1645088651213] Total Updated Files = 0
[2022/02/17 17:04:36] [info] [1645088651213] Total Attributes Changed
Files = 0
[2022/02/17 17:04:36] [info] [1645088651213] Total Deleted Files = 0
[2022/02/17 17:04:36] [info] [1645088651213] Total Deleted Directories = 0
[2022/02/17 17:04:36] [info] [1645088651213] Total Deleted Links = 0
[2022/02/17 17:04:36] [info] [1645088651213] Total Moved Files = 0
[2022/02/17 17:04:36] [info] [1645088651213] Total Dedupe Saving for this
job = 125KB
[2022/02/17 17:04:36] [info] [1645088651213] Total Backup Data Size for
this job = 150KB
[2022/02/17 17:04:36] [info] [1645088651213] Total Dedupe Saving for
destination = 125KB
[2022/02/17 17:04:36] [info] [1645088651213] Total Backup Data Size for
destination = 150KB
[2022/02/17 17:04:36] [info] [1645088651213] Start running retention
policy on backup set "BackupSet-2(1645088234616)",
"AhsayCBS(1645088651213)"
[2022/02/17 17:04:36] [cbs] [1645088651213] info,"Start running retention
policy on backup set \"BackupSet-2(1645088234616)\",
\"AhsayCBS(1645088651213)\",0,0,0,,,
[2022/02/17 17:04:36] [info] [1645088651213] Start processing space
freeing up on backup set="BackupSet-2 (1645088234616)" destination=
"AhsayCBS (1645088651213)"
[2022/02/17 17:04:36] [cbs] [1645088651213] info,"Start processing space
freeing up on backup set= \"BackupSet-2 (1645088234616)\", destination=
\"AhsayCBS (1645088651213)\",0,0,0,,,
[2022/02/17 17:04:36] [info] [1645088651213] Space freeing up on backup
set= "BackupSet-2 (1645088234616)" destination= "AhsayCBS (1645088651213)"
is completed
[2022/02/17 17:04:36] [cbs] [1645088651213] info,"Space freeing up on
backup set= \"BackupSet-2 (1645088234616)\", destination= \"AhsayCBS
(1645088651213)\", is completed",0,0,0,,,
[2022/02/17 17:04:36] [info] [1645088651213] Finished running retention
policy on backup set "BackupSet-2(1645088234616)",
"AhsayCBS(1645088651213)"
[2022/02/17 17:04:36] [cbs] [1645088651213] info,"Finished running
retention policy on backup set \"BackupSet-2(1645088234616)\",
\"AhsayCBS(1645088651213)\",0,0,0,,,
[2022/02/17 17:04:37] [info] [-] Saving server information to destination.
[2022/02/17 17:04:37] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/17 17:04:37] [info] [1645088651213] Saving encrypted backup file
index to 1645088234616/blocks/2022-02-17-17-04-29 at destination
AhsayCBS...

```

```
[2022/02/17 17:04:37] [hide] [1645088651213] Transfer
file='1645088234616/blocks/2022-02-17-17-04-
29/index.db.21000.17f06ed1e00.cgz'
[2022/02/17 17:04:37] [hide] [1645088651213] Transfer
file='1645088234616/blocks/2022-02-17-17-04-29/index.db_2022-02-17-17-04-
29.chk.0.17f06ed1e19.cgz'
[2022/02/17 17:04:37] [hide] [1645088651213] Transfer index.metadata,
file= '1645088234616/blocks/2022-02-17-17-04-29/index.metadata.cgz'
[2022/02/17 17:04:37] [hide] [1645088651213] Transfer
file='1645088234616/blocks/2022-02-17-17-04-
29/backupInfo.db.b000.17f06ed1e0e.cgz'
[2022/02/17 17:04:37] [info] [-] Start running post-commands
[2022/02/17 17:04:37] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/17 17:04:37] [info] [-] Finished running post-commands
[2022/02/17 17:04:37] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/17 17:04:37] [info] [1645088651213] Deleting temporary file
C:\Users\user\temp\1645088234616\OBS@1645088651213
[2022/02/17 17:04:39] [info] [1645088651213] Backup Completed Successfully
[2022/02/17 17:04:39] [cbs] [1645088651213] end,BS_STOP_SUCCESS,0,0,0,,,
```

3. Filter files that **contains the word cloud**

Existing filters

 contains cloud  
C:\filtersample

For each of the matched files/folders under top directory


☒ Include them

☐ Exclude them

☒ Exclude all unmatched files/folders



Match file/folder names by

☐ Simple comparison

 ends with 

☒ Regular expression (UNIX-style)

Existing patterns to match

The result is:

Advanced Backup Source

Folders

filtersample

Archive

Documents

doc

pdf

text

Excel

Photo

Name

☒ cloud\_deployement\_Azure.pdf

☒ cloud\_deployement\_Dropbox.pdf

☒ cloud\_deployement\_Google.pdf

☒ cloud\_deployement\_OneDrive.pdf

☒ cloud\_deployement\_OpenStack.pdf

Folders

filtersample

Archive

Documents

doc

pdf

text

Excel

Photo

Name

☐ indexes\_full\_list.txt

☒ installation\_final\_cloud.odt

☐ installation\_final\_SAN.odt

☐ installation\_network.odt

☒ installation\_start\_cloud.odt

Folders

backup2

cert

Drivers

E

filtersample

Archive

Documents

doc

pdf

text

Excel

Photo

Name

☒ AliYun\_cloud.PNG

☒ CTYun\_cloud.PNG

☒ Dropbox\_cloud.PNG

☒ Google\_cloud.PNG

☐ IMG\_0449.JPG

☐ IMG\_0449\_0.png

☐ IMG\_0449\_01.gif

☐ IMG\_0449\_011.bmp

☐ IMG\_0449\_012.tif

☐ MG\_0449\_013.png

☐ MG\_0449\_014.png

☒ OneDrive\_cloud.PNG

Explanation: Only files that contain the word cloud will be included in the backup. Since the **Exclude all unmatched files/folders** box is checked, all the other files will not be included in the backup.



## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: contains cloud, Type: Custom, Top Directory: C:\filtersample, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [*cloud.*\$]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	C:\	12K / 12K (0%)	02/17/2022 16:27
2	new	C:\filtersample	4K / 4K (0%)	02/17/2022 16:27
3	new	C:\filtersample\Archive	4K / 4K (0%)	02/17/2022 16:27
4	new	C:\filtersample\Excel	4K / 4K (0%)	02/17/2022 16:27
5	new	C:\filtersample\Documents	0 / 0 (0%)	02/17/2022 16:27
6	new	C:\filtersample\Photo	4K / 4K (0%)	02/17/2022 16:27
7	new	C:\filtersample\Documents\doc	4K / 4K (0%)	02/17/2022 16:27
8	new	C:\filtersample\Documents\pdf	4K / 4K (0%)	02/17/2022 16:27
9	new	C:\filtersample\Documents\text	4K / 4K (0%)	02/17/2022 16:27
10	new	C:\filtersample\Photo\AliYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
11	new	C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf	895K / 1.01M (13%)	09/14/2018 15:14
12	new	C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf	895K / 1.01M (13%)	09/14/2018 15:14
13	new	C:\filtersample\Photo\Dropbox_cloud.PNG	21K / 21K (0%)	09/18/2018 16:14
14	new	C:\filtersample\Photo\OneDrive_cloud.PNG	21K / 21K (0%)	09/18/2018 16:14
15	new	C:\filtersample\Photo\Google_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
16	new	C:\filtersample\Photo\CTYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
17	new	C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf	895K / 1.01M (13%)	09/14/2018 15:14
18	new	C:\filtersample\Documents\text\installation_final_cloud.odt	20K / 21K (6%)	07/31/2018 16:07
19	new	C:\filtersample\Documents\text\installation_start_cloud.odt	20K / 21K (6%)	07/31/2018 16:07
20	new	C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf	895K / 1.01M (13%)	09/14/2018 15:14
21	new	C:\filtersample\Documents\pdf\cloud_deployement_OneDrive.pdf	895K / 1.01M (13%)	09/14/2018 15:14

## Backup Log:

```
[2022/02/17 17:45:53] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/17 17:45:53] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4; Heap
Size: 548.1MB (Current) / 1.8GB (Maximum); Physical Memory: 920.4MB
(Free) / 7.7GB (Total)
[2022/02/17 17:45:53] [cbs] [1645091133579] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/17 17:45:53] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/17 17:45:53] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/17 17:45:55] [info] [1645091133579] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/17 17:45:55] [info] [1645091133579] Using Temporary Directory
C:\Users\user\temp\1645090506985\OBS@1645091133579
[2022/02/17 17:45:55] [cbs] [1645091133579] info,Using Temporary
Directory C:\Users\user\temp\1645090506985\OBS@1645091133579,0,0,0,,,
[2022/02/17 17:45:57] [hide] [1645091133579] Skip run Periodic DIC since
it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/17 17:45:57] [info] [-] Start running pre-commands
[2022/02/17 17:45:57] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/17 17:45:57] [info] [-] Finished running pre-commands
[2022/02/17 17:45:57] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/17 17:45:57] [info] [1645091133579] Downloading server file
list...
[2022/02/17 17:45:57] [info] [1645091133579] Downloading server file
list... Completed
[2022/02/17 17:45:58] [info] [-] Contact your service provider to enable
[Volume Shadow Copy] support
```



```

[2022/02/17 17:45:58] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/17 17:45:58] [info] [1645091133579] Reading backup source from
hard disk...
[2022/02/17 17:45:59] [info] [1645091133579] Reading backup source from
hard disk... Completed
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]... C:\
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\,12288,12288,1645086420451,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample,4096,4096,1645086449175,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Archive
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Archive,4096,4096,1645086448882,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Excel
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Excel,4096,4096,1645086449172,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Documents
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents,0,0,1645086449110,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Photo
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Photo,4096,4096,1645086449263,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Documents\doc
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Documents\pdf
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Documents\doc
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Documents\pdf
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents\doc,4096,4096,1645086448923,,,D
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents\pdf,4096,4096,1645086449105,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New Directory]...
C:\filtersample\Documents\text
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents\text,4096,4096,1645086449132,,,D
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 11% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 22% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 33% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 44% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 55% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 66% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 78% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 89% of
"C:\filtersample\Photo\AliYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Photo\AliYun_cloud.PNG"

```

```

[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Photo\AliYun_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 10% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 10% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 20% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 20% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 30% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 30% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 40% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 40% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 51% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 51% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 61% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 61% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 72% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 72% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 83% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 83% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 97% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 97% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 11% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 22% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf,916656,105
9298,1536909278178,,,F
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 33% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 44% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 55% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 66% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 78% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 89% of
"C:\filtersample\Photo\CTYun_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Photo\CTYun_cloud.PNG"

```

```

[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf",
Offset=13776, Length=916656, Raw Length=1059298, Duplicated data ID=2,
RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220217174552, BlockSeq=0, ChunkNo=2, FileID=3
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf",
duplicated
file="C:\filtersample\Documents\pdf\cloud_deployement_Dropbox.pdf (2022-
02-17-17-45-52)", size="1,059,298"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File="\C:\\filtersample\\Documents\\pdf\\cloud_deployement_Azure.pdf",
duplicated
file="\C:\\filtersample\\Documents\\pdf\\cloud_deployement_Dropbox.pdf
(2022-02-17-17-45-52)", size="\1,059,298\"",0,0,0,,
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf,916656,10592
98,1536909278178,,,F
[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\filtersample\Photo\CTYun_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220217174552, BlockSeq=0, ChunkNo=1,
FileID=8
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\filtersample\Photo\CTYun_cloud.PNG", duplicated
file="C:\filtersample\Photo\AliYun_cloud.PNG (2022-02-17-17-45-52)",
size="13,768"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File="\C:\\filtersample\\Photo\\CTYun_cloud.PNG", duplicated
file="\C:\\filtersample\\Photo\\AliYun_cloud.PNG (2022-02-17-17-45-
52)", size="\13,768\"",0,0,0,,
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 11% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 21% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 33% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 45% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 56% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 66% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 78% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 90% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Photo\Dropbox_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 11% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 22% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 33% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 44% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 55% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 66% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 78% of
"C:\filtersample\Photo\Google_cloud.PNG"

```

```

[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 89% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Photo\Google_cloud.PNG"
[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\filtersample\Photo\Google_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220217174552, BlockSeq=0, ChunkNo=1,
FileID=6
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\filtersample\Photo\Google_cloud.PNG", duplicated
file="C:\filtersample\Photo\AliYun_cloud.PNG (2022-02-17-17-45-52)",
size="13,768"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File="\C:\\filtersample\\Photo\\Google_cloud.PNG\\", duplicated
file="\C:\\filtersample\\Photo\\AliYun_cloud.PNG (2022-02-17-17-45-
52)\\", size="\13,768\\",0,0,0,,
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Photo\Dropbox_cloud.PNG,21632,21616,1537258459906,,,
F
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 11% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 21% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 33% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 45% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 56% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 66% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 78% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 90% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Photo\OneDrive_cloud.PNG"
[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\filtersample\Photo\OneDrive_cloud.PNG", Offset=0, Length=21632,
Raw Length=21616, Duplicated data ID=3, RawChecksum=478228218F9CD6A2,
RawChecksumType=1, BackupJob=20220217174552, BlockSeq=1, ChunkNo=3,
FileID=5
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\filtersample\Photo\OneDrive_cloud.PNG", duplicated
file="C:\filtersample\Photo\Dropbox_cloud.PNG (2022-02-17-17-45-52)",
size="21,616"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File="\C:\\filtersample\\Photo\\OneDrive_cloud.PNG\\", duplicated
file="\C:\\filtersample\\Photo\\Dropbox_cloud.PNG (2022-02-17-17-45-
52)\\", size="\21,616\\",0,0,0,,
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Photo\OneDrive_cloud.PNG,21632,21616,1537258459906,,
,F
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Photo\Google_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Photo\CTYun_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 10% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 20% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 10% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"

```

```

[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 20% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 30% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 40% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 30% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 51% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 40% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 61% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 51% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 72% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 61% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 72% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 83% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 83% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 97% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf"
[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf",
Offset=13776, Length=916656, Raw Length=1059298, Duplicated data ID=2,
RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220217174552, BlockSeq=0, ChunkNo=2, FileID=9
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf",
duplicated file="C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf
(2022-02-17-17-45-52)", size="1,059,298"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File=\\"C:\\filtersample\\Documents\\pdf\\cloud_deployement_Google.pdf\\",
duplicated
file=\\"C:\\filtersample\\Documents\\pdf\\cloud_deployement_Azure.pdf
(2022-02-17-17-45-52)\\", size=\\"1,059,298\\",0,0,0,,
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents\pdf\cloud_deployement_Google.pdf,916656,1059
298,1536909278178,,F
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 97% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 10% of
"C:\filtersample\Documents\pdf\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf"
[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf",
Offset=13776, Length=916656, Raw Length=1059298, Duplicated data ID=2,
RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220217174552, BlockSeq=0, ChunkNo=2, FileID=11
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\filtersample\Documents\pdf\cloud_deployement_OpenStack.pdf",
duplicated file="C:\filtersample\Documents\pdf\cloud_deployement_Azure.pdf
(2022-02-17-17-45-52)", size="1,059,298"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File=\\"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OpenStack.pdf\\"

```



```
, duplicated
file="C:\\filtersample\\Documents\\pdf\\cloud_deployement_Azure.pdf
(2022-02-17-17-45-52)", size="1,059,298\"",0,0,0,,,
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\\filtersample\\Documents\\text\\installation_final_cloud.odt"
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\\filtersample\\Documents\\text\\installation_final_cloud.odt,20672,22
148,1533024432000,,,F
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\\filtersample\\Documents\\text\\installation_start_cloud.odt"
[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\\filtersample\\Documents\\text\\installation_start_cloud.odt",
Offset=21632, Length=20672, Raw Length=22148, Duplicated data ID=4,
RawChecksum=35B292CBDB3F2BC8, RawChecksumType=1,
BackupJob=20220217174552, BlockSeq=1, ChunkNo=4, FileID=13
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\\filtersample\\Documents\\text\\installation_start_cloud.odt",
duplicated
file="C:\\filtersample\\Documents\\text\\installation_final_cloud.odt (2022-
02-17-17-45-52)", size="22,148"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File=\\C:\\filtersample\\Documents\\text\\installation_start_cloud.odt\\",
, duplicated
file="C:\\filtersample\\Documents\\text\\installation_final_cloud.odt
(2022-02-17-17-45-52)", size="22,148\"",0,0,0,,,
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\\filtersample\\Documents\\text\\installation_start_cloud.odt,20672,22
148,1533024432000,,,F
[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\\filtersample\\Documents\\pdf\\cloud_deployement_OpenStack.pdf,916656,1
059298,1536909278178,,,F
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 20% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 30% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 40% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 51% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 61% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 72% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 83% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 97% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [info] [1645091133579] [New File]... 100% of
"C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf"
[2022/02/17 17:45:59] [hide] [1645091133579] Chunk:
Path="C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf",
Offset=13776, Length=916656, Raw Length=1059298, Duplicated data ID=2,
RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220217174552, BlockSeq=0, ChunkNo=2, FileID=10
[2022/02/17 17:45:59] [info] [1645091133579] Deduplication Info:
File="C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf",
duplicated file="C:\\filtersample\\Documents\\pdf\\cloud_deployement_Azure.pdf
(2022-02-17-17-45-52)", size="1,059,298"
[2022/02/17 17:45:59] [cbs] [1645091133579] info,"Deduplication Info:
File=\\C:\\filtersample\\Documents\\pdf\\cloud_deployement_OneDrive.pdf\\",
duplicated
file="C:\\filtersample\\Documents\\pdf\\cloud_deployement_Azure.pdf
(2022-02-17-17-45-52)", size="1,059,298\"",0,0,0,,,
```

```

[2022/02/17 17:45:59] [cbs] [1645091133579]
new,C:\filtersample\Documents\pdf\cloud_deployement_OneDrive.pdf,916656,10
59298,1536909278178,,,F
[2022/02/17 17:46:04] [info] [1645091133579] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 17:46:04] [info] [1645091133579] File:
"1645090506985/blocks/2022-02-17-17-45-52/0/000000.bak", Size: 930,432,
OK
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"File:
\"1645090506985/blocks/2022-02-17-17-45-52/0/000000.bak\"", Size:
930,432, OK",0,0,0,,,
[2022/02/17 17:46:04] [info] [1645091133579] File:
"1645090506985/blocks/2022-02-17-17-45-52/0/000001.bak", Size: 42,304,
OK
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"File:
\"1645090506985/blocks/2022-02-17-17-45-52/0/000001.bak\"", Size: 42,304,
OK",0,0,0,,,
[2022/02/17 17:46:04] [info] [1645091133579] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/17 17:46:04] [info] [1645091133579] Total New Files = 12
[2022/02/17 17:46:04] [info] [1645091133579] Total New Directories = 9
[2022/02/17 17:46:04] [info] [1645091133579] Total New Links = 0
[2022/02/17 17:46:04] [info] [1645091133579] Total Updated Files = 0
[2022/02/17 17:46:04] [info] [1645091133579] Total Attributes Changed
Files = 0
[2022/02/17 17:46:04] [info] [1645091133579] Total Deleted Files = 0
[2022/02/17 17:46:04] [info] [1645091133579] Total Deleted Directories =
0
[2022/02/17 17:46:04] [info] [1645091133579] Total Deleted Links = 0
[2022/02/17 17:46:04] [info] [1645091133579] Total Moved Files = 0
[2022/02/17 17:46:04] [info] [1645091133579] Total Dedupe Saving for
this job = 4.11MB
[2022/02/17 17:46:04] [info] [1645091133579] Total Backup Data Size for
this job = 5.17MB
[2022/02/17 17:46:04] [info] [1645091133579] Total Dedupe Saving for
destination = 4.11MB
[2022/02/17 17:46:04] [info] [1645091133579] Total Backup Data Size for
destination = 5.17MB
[2022/02/17 17:46:04] [info] [1645091133579] Start running retention
policy on backup set "BackupSet-3(1645090506985)",
"AhsayCBS(1645091133579)"
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"Start running
retention policy on backup set \"BackupSet-3(1645090506985)\",
\"AhsayCBS(1645091133579)\"...",0,0,0,,,
[2022/02/17 17:46:04] [info] [1645091133579] Start processing space
freeing up on backup set= "BackupSet-3 (1645090506985)" destination=
"AhsayCBS (1645091133579)"
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"Start processing space
freeing up on backup set= \"BackupSet-3 (1645090506985)\" destination=
\"AhsayCBS (1645091133579)\"...",0,0,0,,,
[2022/02/17 17:46:04] [info] [1645091133579] Space freeing up on backup
set= "BackupSet-3 (1645090506985)" destination= "AhsayCBS
(1645091133579)" is completed
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"Space freeing up on
backup set= \"BackupSet-3 (1645090506985)\" destination= \"AhsayCBS
(1645091133579)\" is completed",0,0,0,,,

```



```

[2022/02/17 17:46:04] [info] [1645091133579] Finished running retention
policy on backup set "BackupSet-3(1645090506985)",
"AhsayCBS(1645091133579)"
[2022/02/17 17:46:04] [cbs] [1645091133579] info,"Finished running
retention policy on backup set \"BackupSet-3(1645090506985)\",
\"AhsayCBS(1645091133579)\",0,0,0,,
[2022/02/17 17:46:05] [info] [-] Saving server information to
destination.
[2022/02/17 17:46:05] [cbs] [-] info,Saving server information to
destination.,0,0,0,,
[2022/02/17 17:46:05] [info] [1645091133579] Saving encrypted backup
file index to 1645090506985/blocks/2022-02-17-17-45-52 at destination
AhsayCBS...
[2022/02/17 17:46:05] [hide] [1645091133579] Transfer
file='1645090506985/blocks/2022-02-17-17-45-
52/index.db.23000.17f07131517.cgz'
[2022/02/17 17:46:05] [hide] [1645091133579] Transfer
file='1645090506985/blocks/2022-02-17-17-45-52/index.db_2022-02-17-17-
45-52.chk.0.17f07131531.cgz'
[2022/02/17 17:46:05] [hide] [1645091133579] Transfer index.metadata,
file= '1645090506985/blocks/2022-02-17-17-45-52/index.metadata.cgz'
[2022/02/17 17:46:06] [hide] [1645091133579] Transfer
file='1645090506985/blocks/2022-02-17-17-45-
52/backupInfo.db.b000.17f07131526.cgz'
[2022/02/17 17:46:06] [info] [-] Start running post-commands
[2022/02/17 17:46:06] [cbs] [-] info,Start running post-
commands,0,0,0,,
[2022/02/17 17:46:06] [info] [-] Finished running post-commands
[2022/02/17 17:46:06] [cbs] [-] info,Finished running post-
commands,0,0,0,,
[2022/02/17 17:46:06] [info] [1645091133579] Deleting temporary file
C:\Users\user\temp\1645090506985\OBS@1645091133579
[2022/02/17 17:46:10] [info] [1645091133579] Backup Completed
Successfully
[2022/02/17 17:46:10] [cbs] [1645091133579] end,BS_STOP_SUCCESS,0,0,0,,

```

## Appendix B.2 Linux/ FreeBSD OS

### 1. Filter that starts with uppercase letter L.

<div><h3>Filter</h3><div><b>Name</b> <input type="text" value="Filter that starts with uppercase letter L Regular Expression"/></div><div><b>Matching pattern</b> <div><input type="checkbox"/> <input type="checkbox"/></div><div><input type="checkbox"/> <input checked="" type="checkbox"/> <b>Pattern</b></div><div><input type="checkbox"/> <input type="text" value="^L.*"/></div></div><div><b>For each of the matched files/folders under top directory</b> <div><input checked="" type="radio"/> Include them <input type="radio"/> Exclude them</div></div><div><b>Exclusion</b> <input checked="" type="checkbox"/> Exclude all unmatched files/folders</div><div><b>Match file/folder names by</b> <div><input type="radio"/> Simple comparison <input type="text" value="starts with"/></div><div><input checked="" type="radio"/> Regular expression (UNIX-style)</div></div><div><b>How to Apply This Filter</b> <div>Apply this filter to all files/folders in <input type="radio"/> All hard disk drives <input checked="" type="radio"/> This folder only (Input local / network address) <input type="text" value="/root/Documents"/> <input type="checkbox"/> This share requires access credentials</div><div>Apply to <input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</div></div></div>	<p>Filter Name = Filter that starts with uppercase letter L Regular Expression Matching Pattern = ^L.* Filter Mode = Include them Exclude all others = True Matching Type = Regular expression (UNIX-style) Apply To = File Directory = /root/Documents</p> <p>As a result, these are the total files and directories that have been successfully backed up:</p> <p>Total New Files = 3</p> <ol style="list-style-type: none"><li>1. <u>L</u>ogFile.txt</li><li>2. <u>L</u>ogFile_2017.txt</li><li>3. <u>L</u>ogFile_2018.txt</li></ol> <p>Total New Directories = 3</p> <ol style="list-style-type: none"><li>1. /</li><li>2. /root</li><li>3. /root/Documents</li></ol>
---	---

#### Explanation:

All the files that starts with uppercase letter L have been successfully backed up including the directories but excluding all the other files that did not match the filter.

Looking closely, unlike in the Appendix A using simple comparison, we're using the Regular expression (UNIX-style) with pattern ^L.\*. This filter only applies to a specific folder which is Documents\_2, and since the File, under the "Apply to" field, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

Here are the reports using the AhsayCBS web console and CLI:

#### Backup Report from AhsayCBS Web Console

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: Filter that starts with uppercase letter L Regular Expression, Type: Custom, Top Directory: /root/Documents, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: ['L*']]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: FreeBSD13x64]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: No][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	24 / 24 (0%)	12/28/2021 16:03
2	new	/root	12 / 12 (0%)	02/17/2022 18:12
3	new	/root/Documents	35 / 35 (0%)	02/17/2022 15:02
4	new	/root/Documents/LogFile.txt	208 / 7K (97%)	12/17/2018 14:27
5	new	/root/Documents/LogFile_2017.txt	208 / 7K (97%)	12/17/2018 14:27
6	new	/root/Documents/LogFile_2018.txt	208 / 7K (97%)	12/17/2018 14:27

#### Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645148198821/Backup
#cat 2022-02-18-01-45-06.log

[2022/02/18 01:45:23] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 01:45:23] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU), Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 75.4MB (Current) / 1.8GB (Maximum);
Physical Memory: 829MB (Free) / 4GB (Total)
[2022/02/18 01:45:23] [cbs] [1645148456014] start, Start [ AhsayOBM
v9.1.2.0 ], 0, 0, 0, , ,
[2022/02/18 01:45:24] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/18 01:45:24] [cbs] [-] info, Saving encrypted backup set encryption
keys to server..., 0, 0, 0, , ,
[2022/02/18 01:45:25] [info] [1645148456014] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/18 01:45:25] [info] [1645148456014] Using Temporary Directory
/root/tmp/1645148198821/OBS@1645148456014
[2022/02/18 01:45:25] [cbs] [1645148456014] info, Using Temporary Directory
/root/tmp/1645148198821/OBS@1645148456014, 0, 0, 0, , ,
[2022/02/18 01:45:27] [hide] [1645148456014] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 01:45:27] [info] [-] Start running pre-commands
[2022/02/18 01:45:27] [cbs] [-] info, Start running pre-commands, 0, 0, 0, , ,
[2022/02/18 01:45:27] [info] [-] Finished running pre-commands
[2022/02/18 01:45:27] [cbs] [-] info, Finished running pre-commands, 0, 0, 0, , ,
[2022/02/18 01:45:27] [info] [1645148456014] Downloading server file list...
[2022/02/18 01:45:28] [info] [1645148456014] Downloading server file list...
Completed
[2022/02/18 01:45:29] [info] [1645148456014] Reading backup source from hard
disk...
[2022/02/18 01:45:29] [info] [1645148456014] Reading backup source from hard
```

```

disk... Completed
[2022/02/18 01:45:29] [info] [1645148456014] [New Directory]... /
[2022/02/18 01:45:29] [cbs] [1645148456014] new,/,24,24,1640678603000,,,D
[2022/02/18 01:45:29] [info] [1645148456014] [New Directory]... /root
[2022/02/18 01:45:29] [cbs] [1645148456014] new,/root,12,12,1645092771000,,,D
[2022/02/18 01:45:29] [info] [1645148456014] [New Directory]...
/root/Documents
[2022/02/18 01:45:29] [cbs] [1645148456014]
new,/root/Documents,35,35,1645081331000,,,D
[2022/02/18 01:45:29] [info] [1645148456014] [New File]... 100% of
"/root/Documents/LogFile.txt"
[2022/02/18 01:45:31] [info] [1645148456014] [New File]... 100% of
"/root/Documents/LogFile_2018.txt"
[2022/02/18 01:45:31] [info] [1645148456014] [New File]... 100% of
"/root/Documents/LogFile_2017.txt"
[2022/02/18 01:45:31] [cbs] [1645148456014]
new,/root/Documents/LogFile.txt,208,7282,1545028063000,,,F
[2022/02/18 01:45:31] [hide] [1645148456014] Chunk:
Path="/root/Documents/LogFile_2017.txt", Offset=0, Length=208, Raw
Length=7282, Duplicated data ID=1, RawChecksum=E3F2A6D8D63AEC1,
RawChecksumType=1, BackupJob=20220218014506, BlockSeq=0, ChunkNo=1, FileID=4
[2022/02/18 01:45:31] [info] [1645148456014] Deduplication Info:
File="/root/Documents/LogFile_2017.txt", duplicated
file="/root/Documents/LogFile.txt (2022-02-18-01-45-06)", size="7,282"
[2022/02/18 01:45:31] [cbs] [1645148456014] info,"Deduplication Info:
File="/root/Documents/LogFile_2017.txt", duplicated
file="/root/Documents/LogFile.txt (2022-02-18-01-45-06)",
size="7,282\"",0,0,0,,,
[2022/02/18 01:45:31] [hide] [1645148456014] Chunk:
Path="/root/Documents/LogFile_2018.txt", Offset=0, Length=208, Raw
Length=7282, Duplicated data ID=1, RawChecksum=E3F2A6D8D63AEC1,
RawChecksumType=1, BackupJob=20220218014506, BlockSeq=0, ChunkNo=1, FileID=3
[2022/02/18 01:45:31] [info] [1645148456014] Deduplication Info:
File="/root/Documents/LogFile_2018.txt", duplicated
file="/root/Documents/LogFile.txt (2022-02-18-01-45-06)", size="7,282"
[2022/02/18 01:45:31] [cbs] [1645148456014] info,"Deduplication Info:
File="/root/Documents/LogFile_2018.txt", duplicated
file="/root/Documents/LogFile.txt (2022-02-18-01-45-06)",
size="7,282\"",0,0,0,,,
[2022/02/18 01:45:31] [cbs] [1645148456014]
new,/root/Documents/LogFile_2017.txt,208,7282,1545028063000,,,F
[2022/02/18 01:45:31] [cbs] [1645148456014]
new,/root/Documents/LogFile_2018.txt,208,7282,1545028063000,,,F
[2022/02/18 01:45:32] [info] [1645148456014] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/18 01:45:32] [cbs] [1645148456014] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 01:45:32] [info] [1645148456014] File:
"1645148198821/blocks/2022-02-18-01-45-06/0/000000.bak", Size: 208, OK
[2022/02/18 01:45:32] [cbs] [1645148456014] info,"File:
\"1645148198821/blocks/2022-02-18-01-45-06/0/000000.bak\", Size: 208,
OK",0,0,0,,,
[2022/02/18 01:45:32] [info] [1645148456014] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/18 01:45:32] [cbs] [1645148456014] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,




```

```

[2022/02/18 01:45:32] [info] [1645148456014] Total New Files = 3
[2022/02/18 01:45:32] [info] [1645148456014] Total New Directories = 3
[2022/02/18 01:45:32] [info] [1645148456014] Total New Links = 0
[2022/02/18 01:45:32] [info] [1645148456014] Total Updated Files = 0
[2022/02/18 01:45:32] [info] [1645148456014] Total Attributes Changed Files =
0
[2022/02/18 01:45:32] [info] [1645148456014] Total Deleted Files = 0
[2022/02/18 01:45:32] [info] [1645148456014] Total Deleted Directories = 0
[2022/02/18 01:45:32] [info] [1645148456014] Total Deleted Links = 0
[2022/02/18 01:45:32] [info] [1645148456014] Total Moved Files = 0
[2022/02/18 01:45:32] [info] [1645148456014] Total Dedupe Saving for this job
= 14KB
[2022/02/18 01:45:32] [info] [1645148456014] Total Backup Data Size for this
job = 21KB
[2022/02/18 01:45:32] [info] [1645148456014] Total Dedupe Saving for
destination = 14KB
[2022/02/18 01:45:32] [info] [1645148456014] Total Backup Data Size for
destination = 21KB
[2022/02/18 01:45:34] [info] [-] Saving server information to destination.
[2022/02/18 01:45:34] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 01:45:35] [info] [1645148456014] Saving encrypted backup file
index to 1645148198821/blocks/2022-02-18-01-45-06 at destination AhsayCBS...
[2022/02/18 01:45:35] [hide] [1645148456014] Transfer
file='1645148198821/blocks/2022-02-18-01-45-
06/index.db.21000.17f0a818590.cgz'
[2022/02/18 01:45:35] [hide] [1645148456014] Transfer
file='1645148198821/blocks/2022-02-18-01-45-06/index.db_2022-02-18-01-45-
06.chk.68.17f0a8187f8.cgz'
[2022/02/18 01:45:35] [hide] [1645148456014] Transfer index.metadata, file=
'1645148198821/blocks/2022-02-18-01-45-06/index.metadata.cgz'
[2022/02/18 01:45:35] [hide] [1645148456014] Transfer
file='1645148198821/blocks/2022-02-18-01-45-
06/backupInfo.db.b000.17f0a818618.cgz'
[2022/02/18 01:45:35] [info] [-] Start running post-commands
[2022/02/18 01:45:35] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/18 01:45:35] [info] [-] Finished running post-commands
[2022/02/18 01:45:35] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2022/02/18 01:45:38] [info] [1645148456014] Deleting temporary file
/root/tmp/1645148198821/OBS@1645148456014
[2022/02/18 01:45:39] [info] [1645148456014] Backup Completed Successfully
[2022/02/18 01:45:39] [cbs] [1645148456014] end,BS_STOP_SUCCESS,0,0,0,,,

```

2. Filter that contains the word version.

<h3>Filter</h3> <p><b>Name</b></p> <p>Filter that contains the word version Regular Expression</p> <hr/> <p><b>Matching pattern</b></p> <p> </p> <p><input type="checkbox"/>  Pattern</p> <p><input type="checkbox"/> ^.*version.*\$</p> <hr/> <p><b>For each of the matched files/folders under top directory</b></p> <p><input checked="" type="radio"/> Include them</p> <p><input type="radio"/> Exclude them</p> <hr/> <p><b>Exclusion</b></p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> <hr/> <p><b>Match file/folder names by</b></p> <p><input type="radio"/> Simple comparison <small>starts with</small></p> <p><input checked="" type="radio"/> Regular expression (UNIX-style)</p> <hr/> <p><b>How to Apply This Filter</b></p> <p>Apply this filter to all files/folders in</p> <p><input type="radio"/> All hard disk drives</p> <p><input checked="" type="radio"/> This folder only (Input local / network address)</p> <p><input type="text" value="/root/Documents"/></p> <p><input type="checkbox"/> This share requires access credentials</p> <p>Apply to</p> <p><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</p>	<p>Filter Name = Filter that contains with the word version RegularExpression</p> <p>Matching Pattern = ^.*version.*\$</p> <p>Filter Mode = Include them</p> <p>Exclude all others = True</p> <p>Matching Type = Regular expression (UNIX-style)</p> <p>Apply To = File</p> <p>Directory = /root/Documents</p> <hr/> <p>As a result, these are the total files and directories that have been successfully backed up:</p> <p>Total New Files = 4</p> <ol style="list-style-type: none"> <li>1. AhsayACB_UserGuideforWindows_ <u>version</u>7.docx</li> <li>2. AhsayCBS_ <u>version</u>7_UserGuide.docx</li> <li>3. AhsayOBM_ <u>version</u>7_QuickStartGuide.docx</li> <li>4. <u>version</u>7_AhsayMOB_UserGuideAndroid.docx</li> </ol> <p>Total New Directories = 3</p> <ol style="list-style-type: none"> <li>1. /</li> <li>2. /root</li> <li>3. /root/Documents</li> </ol>
--	---

**Explanation:**

All the files that contain the word version, whether it is located at the beginning, middle, or end of the file name, have been successfully backed up including the directories but excluding all the other files that did not match the filter.

Looking closely, unlike in the Appendix A using simple comparison, we're using the Regular expression (UNIX-style) with pattern ^.\***version**.\*\$. This filter only applies to a specific folder which is Documents\_2, and since the File, *under the "Apply to" field*, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

Here are the reports using the AhsayCBS web console and CLI:

#### Backup Report from AhsayCBS Web Console

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: Filter that contains the word version Regular Expression, Type: Custom, Top Directory: /root/Documents, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [^.*version.*\$]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: FreeBSD13x64]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: No][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	24 / 24 (0%)	12/28/2021 16:03
2	new	/root	12 / 12 (0%)	02/17/2022 18:12
3	new	/root/Documents	35 / 35 (0%)	02/17/2022 15:02
4	new	/root/Documents/AhsayOBM_version7_QuickStartGuide.docx	11K / 14K (17%)	07/10/2018 17:24
5	new	/root/Documents/AhsayACB_UserGuideforWindows_version7.docx	11K / 14K (17%)	07/10/2018 17:24
6	new	/root/Documents/AhsayCBS_version7_UserGuide.docx	11K / 14K (17%)	07/10/2018 17:24
7	new	/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx	11K / 14K (17%)	07/10/2018 17:24

#### Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645148938900/Backup
#cat 2022-02-18-01-54-34.log

[2022/02/18 01:54:51] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 01:54:51] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU),Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 71.2MB (Current) / 1.8GB (Maximum);
Physical Memory: 825.1MB (Free) / 4GB (Total)
[2022/02/18 01:54:51] [cbs] [1645149199583] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,
[2022/02/18 01:54:51] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/18 01:54:51] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,
[2022/02/18 01:54:52] [info] [1645149199583] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/18 01:54:52] [info] [1645149199583] Using Temporary Directory
/root/tmp/1645148938900/OBS@1645149199583
[2022/02/18 01:54:52] [cbs] [1645149199583] info,Using Temporary Directory
/root/tmp/1645148938900/OBS@1645149199583,0,0,0,,
[2022/02/18 01:54:54] [hide] [1645149199583] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 01:54:54] [info] [-] Start running pre-commands
[2022/02/18 01:54:54] [cbs] [-] info,Start running pre-commands,0,0,0,,
[2022/02/18 01:54:54] [info] [-] Finished running pre-commands
[2022/02/18 01:54:54] [cbs] [-] info,Finished running pre-commands,0,0,0,,
[2022/02/18 01:54:54] [info] [1645149199583] Downloading server file list...
[2022/02/18 01:54:55] [info] [1645149199583] Downloading server file list...
Completed
[2022/02/18 01:54:56] [info] [1645149199583] Reading backup source from hard
disk...
```



```

[2022/02/18 01:54:56] [info] [1645149199583] Reading backup source from hard
disk... Completed
[2022/02/18 01:54:56] [info] [1645149199583] [New Directory]... /
[2022/02/18 01:54:56] [cbs] [1645149199583] new,/,24,24,1640678603000,,,D
[2022/02/18 01:54:56] [info] [1645149199583] [New Directory]... /root
[2022/02/18 01:54:56] [cbs] [1645149199583] new,/root,12,12,1645092771000,,,D
[2022/02/18 01:54:56] [info] [1645149199583] [New Directory]...
/root/Documents
[2022/02/18 01:54:56] [cbs] [1645149199583]
new,/root/Documents,35,35,1645081331000,,,D
[2022/02/18 01:54:57] [info] [1645149199583] [New File]... 100% of
"/root/Documents/AhsayOBM_version7_QuickStartGuide.docx"
[2022/02/18 01:54:57] [info] [1645149199583] [New File]... 100% of
"/root/Documents/AhsayCBS_version7_UserGuide.docx"
[2022/02/18 01:54:57] [cbs] [1645149199583]
new,/root/Documents/AhsayOBM_version7_QuickStartGuide.docx,12240,14902,153121
4650000,,,F
[2022/02/18 01:54:57] [info] [1645149199583] [New File]... 100% of
"/root/Documents/AhsayACB_UserGuideforWindows_version7.docx"
[2022/02/18 01:54:57] [hide] [1645149199583] Chunk:
Path="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx", Offset=0,
Length=12240, Raw Length=14902, Duplicated data ID=1,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220218015434,
BlockSeq=0, ChunkNo=1, FileID=4
[2022/02/18 01:54:57] [info] [1645149199583] Deduplication Info:
File="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx", duplicated
file="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx (2022-02-18-01-
54-34)", size="14,902"
[2022/02/18 01:54:57] [cbs] [1645149199583] info,"Deduplication Info:
File="/root/Documents/AhsayACB_UserGuideforWindows_version7.docx\",
duplicated file="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx
(2022-02-18-01-54-34)\", size=\"14,902\\",0,0,0,,,
[2022/02/18 01:54:57] [hide] [1645149199583] Chunk:
Path="/root/Documents/AhsayCBS_version7_UserGuide.docx", Offset=0,
Length=12240, Raw Length=14902, Duplicated data ID=1,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220218015434,
BlockSeq=0, ChunkNo=1, FileID=3
[2022/02/18 01:54:57] [info] [1645149199583] Deduplication Info:
File="/root/Documents/AhsayCBS_version7_UserGuide.docx", duplicated
file="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx (2022-02-18-01-
54-34)", size="14,902"
[2022/02/18 01:54:57] [cbs] [1645149199583] info,"Deduplication Info:
File="/root/Documents/AhsayCBS_version7_UserGuide.docx\", duplicated
file="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx (2022-02-18-01-
54-34)\", size=\"14,902\\",0,0,0,,,
[2022/02/18 01:54:57] [info] [1645149199583] [New File]... 100% of
"/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx"
[2022/02/18 01:54:57] [hide] [1645149199583] Chunk:
Path="/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx", Offset=0,
Length=12240, Raw Length=14902, Duplicated data ID=1,
RawChecksum=822EF7A5EAE1B220, RawChecksumType=1, BackupJob=20220218015434,
BlockSeq=0, ChunkNo=1, FileID=5
[2022/02/18 01:54:57] [info] [1645149199583] Deduplication Info:
File="/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx", duplicated
file="/root/Documents/AhsayOBM_version7_QuickStartGuide.docx (2022-02-18-01-
54-34)", size="14,902"

```

```

[2022/02/18 01:54:57] [cbs] [1645149199583] info,"Deduplication Info:
File=\""/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx\", duplicated
file=\""/root/Documents/AhsayOBM_version7_QuickStartGuide.docx (2022-02-18-01-
54-34)\", size=\"14,902\",0,0,0,,,
[2022/02/18 01:54:57] [cbs] [1645149199583]
new,/root/Documents/AhsayACB_UserGuideforWindows_version7.docx,12240,14902,15
31214650000,,,F
[2022/02/18 01:54:57] [cbs] [1645149199583]
new,/root/Documents/AhsayCBS_version7_UserGuide.docx,12240,14902,153121465000
0,,,F
[2022/02/18 01:54:57] [cbs] [1645149199583]
new,/root/Documents/version7_AhsayMOB_UserGuideAndroid.docx,12240,14902,15312
14650000,,,F
[2022/02/18 01:54:57] [info] [1645149199583] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/18 01:54:57] [cbs] [1645149199583] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 01:54:57] [info] [1645149199583] File:
"1645148938900/blocks/2022-02-18-01-54-34/0/000000.bak", Size: 12,240, OK
[2022/02/18 01:54:57] [cbs] [1645149199583] info,"File:
\"1645148938900/blocks/2022-02-18-01-54-34/0/000000.bak\", Size: 12,240,
OK",0,0,0,,,
[2022/02/18 01:54:57] [info] [1645149199583] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/18 01:54:57] [cbs] [1645149199583] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 01:54:57] [info] [1645149199583] Total New Files = 4
[2022/02/18 01:54:57] [info] [1645149199583] Total New Directories = 3
[2022/02/18 01:54:57] [info] [1645149199583] Total New Links = 0
[2022/02/18 01:54:57] [info] [1645149199583] Total Updated Files = 0
[2022/02/18 01:54:57] [info] [1645149199583] Total Attributes Changed Files =
0
[2022/02/18 01:54:57] [info] [1645149199583] Total Deleted Files = 0
[2022/02/18 01:54:57] [info] [1645149199583] Total Deleted Directories = 0
[2022/02/18 01:54:57] [info] [1645149199583] Total Deleted Links = 0
[2022/02/18 01:54:57] [info] [1645149199583] Total Moved Files = 0
[2022/02/18 01:54:57] [info] [1645149199583] Total Dedupe Saving for this job
= 43KB
[2022/02/18 01:54:57] [info] [1645149199583] Total Backup Data Size for this
job = 58KB
[2022/02/18 01:54:57] [info] [1645149199583] Total Dedupe Saving for
destination = 43KB
[2022/02/18 01:54:57] [info] [1645149199583] Total Backup Data Size for
destination = 58KB
[2022/02/18 01:54:58] [info] [-] Saving server information to destination.
[2022/02/18 01:54:58] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 01:54:58] [info] [1645149199583] Saving encrypted backup file
index to 1645148938900/blocks/2022-02-18-01-54-34 at destination AhsayCBS...
[2022/02/18 01:54:58] [hide] [1645149199583] Transfer
file='1645148938900/blocks/2022-02-18-01-54-
34/index.db.21000.17f0a8a1e65.cgz'
[2022/02/18 01:54:58] [hide] [1645149199583] Transfer
file='1645148938900/blocks/2022-02-18-01-54-34/index.db_2022-02-18-01-54-
34.chk.68.17f0a8a20cd.cgz'
[2022/02/18 01:54:58] [hide] [1645149199583] Transfer index.metadata, file=

```

```
'1645148938900/blocks/2022-02-18-01-54-34/index.metadata.cgz'
[2022/02/18 01:54:58] [hide] [1645149199583] Transfer
file='1645148938900/blocks/2022-02-18-01-54-
34/backupInfo.db.b000.17f0a8ald50.cgz'
[2022/02/18 01:54:58] [info] [-] Start running post-commands
[2022/02/18 01:54:58] [cbs] [-] info,Start running post-commands,0,0,0,,
[2022/02/18 01:54:58] [info] [-] Finished running post-commands
[2022/02/18 01:54:58] [cbs] [-] info,Finished running post-commands,0,0,0,,
[2022/02/18 01:55:01] [info] [1645149199583] Deleting temporary file
/root/tmp/1645148938900/OBS@1645149199583
[2022/02/18 01:55:02] [info] [1645149199583] Backup Completed Successfully
[2022/02/18 01:55:02] [cbs] [1645149199583] end,BS_STOP_SUCCESS,0,0,0,,
```

### 3. Filter that ends with a lowercase letter t.

<h4>Filter</h4> <div> <p><b>Name</b></p> <input type="text" value="Filter that ends with lowercase letter t Regular Expression"/> </div> <div> <p><b>Matching pattern</b></p> <div> <input type="checkbox"/> </div> <input type="checkbox"/> <code>.*\.*t\$</code> </div> <div> <p><b>For each of the matched files/folders under top directory</b></p> <p> <input checked="" type="radio"/> Include them  <input type="radio"/> Exclude them         </p> </div> <div> <p><b>Exclusion</b></p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> </div> <div> <p><b>Match file/folder names by</b></p> <p> <input type="radio"/> Simple comparison <span>starts with ▼</span>  <input checked="" type="radio"/> Regular expression (UNIX-style)         </p> </div> <div> <p><b>How to Apply This Filter</b></p> <p>Apply this filter to all files/folders in</p> <p> <input type="radio"/> All hard disk drives  <input checked="" type="radio"/> This folder only (Input local / network address)         </p> <input type="text" value="/root/Documents"/> <p><input type="checkbox"/> This share requires access credentials</p> <p>Apply to</p> <p> <input checked="" type="checkbox"/> File <input type="checkbox"/> Folder         </p> </div>	<p>Filter Name = Filter that ends with lowercase letter t Regular Expression</p> <p>Matching Pattern = <code>.*\.*t\$</code></p> <p>Filter Mode = Include them</p> <p>Exclude all others = True</p> <p>Matching Type = Regular expression (UNIX-style)</p> <p>Apply To = File</p> <p>Directory = /root/Documents</p> <p>As a result, these are the total files and directories that have been successfully backed up:</p> <p>Total New Files = 10</p> <ol style="list-style-type: none"> <li>1. BackupSolution.txt</li> <li>2. File snapshot testing.txt</li> <li>3. File snapshot testing1.txt</li> <li>4. File snapshot testing2.txt</li> <li>5. File snapshot testing3.txt</li> <li>6. File snapshot testing4.txt</li> <li>7. File snapshot testing5.txt</li> <li>8. LogFile.txt</li> <li>9. LogFile_2017.txt</li> <li>10. LogFile_2018.txt</li> </ol> <p>Total New Directories = 3</p> <ol style="list-style-type: none"> <li>1. /</li> <li>2. /root</li> <li>3. /root/Documents</li> </ol>
---	---

#### Explanation:

All the files that ends with the lowercase letter t have been successfully backed up including the directories but excluding all the other files that did not match the filter.

Unlike in the Appendix A using simple comparison, we're using the Regular expression (UNIX-style) with pattern `.*\.*t$`. This filter only applies to a specific folder which is Documents\_2, and since the File, under the "Apply to" field, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

Take note also that the Ends With filter includes the extension file upon performing the filtering. For example, the file name **LogFile\_2017.txt**. Looking closely on the file name, it doesn't end with a lower-case letter x but since it is a text file which has an extension file of **txt**, it was automatically accepted and included in the backup.

Here are the reports using the AhsayCBS web console and CLI:

### Backup Report from AhsayCBS Web Console

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: Filter that ends with lowercase letter t Regular Expression, Type: Custom, Top Directory: /root/Documents, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [.*\.*t\$]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: FreeBSD13x64]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: No][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	24 / 24 (0%)	12/28/2021 16:03
2	new	/root	12 / 12 (0%)	02/17/2022 18:12
3	new	/root/Documents	35 / 35 (0%)	02/17/2022 15:02
4	new	/root/Documents/BackupSolution.txt	208 / 7K (97%)	12/17/2018 14:27
5	new	/root/Documents/File snapshot testing.txt	208 / 7K (97%)	12/17/2018 14:27
6	new	/root/Documents/File snapshot testing1.txt	208 / 7K (97%)	01/15/2019 10:12
7	new	/root/Documents/File snapshot testing3.txt	208 / 7K (97%)	01/15/2019 10:12
8	new	/root/Documents/File snapshot testing2.txt	208 / 7K (97%)	01/15/2019 10:12
9	new	/root/Documents/File snapshot testing5.txt	208 / 7K (97%)	01/15/2019 10:12
10	new	/root/Documents/LogFile_2018.txt	208 / 7K (97%)	12/17/2018 14:27
11	new	/root/Documents/LogFile.txt	208 / 7K (97%)	12/17/2018 14:27
12	new	/root/Documents/LogFile_2017.txt	208 / 7K (97%)	12/17/2018 14:27
13	new	/root/Documents/File snapshot testing4.txt	208 / 7K (97%)	01/15/2019 10:12

### Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645149721023/Backup
#cat 2022-02-18-02-05-59.log

[2022/02/18 02:06:15] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 02:06:15] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU),Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 73.7MB (Current) / 1.8GB (Maximum);
Physical Memory: 815.4MB (Free) / 4GB (Total)
[2022/02/18 02:06:15] [cbs] [1645149880843] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,
[2022/02/18 02:06:16] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/18 02:06:16] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,
[2022/02/18 02:06:17] [info] [1645149880843] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/18 02:06:17] [info] [1645149880843] Using Temporary Directory
/root/tmp/1645149721023/OBS@1645149880843
[2022/02/18 02:06:17] [cbs] [1645149880843] info,Using Temporary Directory
/root/tmp/1645149721023/OBS@1645149880843,0,0,0,,
[2022/02/18 02:06:19] [hide] [1645149880843] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 02:06:19] [info] [-] Start running pre-commands
[2022/02/18 02:06:19] [cbs] [-] info,Start running pre-commands,0,0,0,,
[2022/02/18 02:06:19] [info] [-] Finished running pre-commands
[2022/02/18 02:06:19] [cbs] [-] info,Finished running pre-commands,0,0,0,,
[2022/02/18 02:06:19] [info] [1645149880843] Downloading server file list...
```

```

[2022/02/18 02:06:20] [info] [1645149880843] Downloading server file list...
Completed
[2022/02/18 02:06:21] [info] [1645149880843] Reading backup source from hard
disk...
[2022/02/18 02:06:21] [info] [1645149880843] Reading backup source from hard
disk... Completed
[2022/02/18 02:06:21] [info] [1645149880843] [New Directory]... /
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/,24,24,1640678603000,,,D
[2022/02/18 02:06:21] [info] [1645149880843] [New Directory]... /root
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/root,12,12,1645092771000,,,D
[2022/02/18 02:06:21] [info] [1645149880843] [New Directory]...
/root/Documents
[2022/02/18 02:06:21] [cbs] [1645149880843]
new,/root/Documents,35,35,1645081331000,,,D
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/BackupSolution.txt"
[2022/02/18 02:06:21] [cbs] [1645149880843]
new,/root/Documents/BackupSolution.txt,208,7282,1545028063000,,,F
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/File snapshot testing1.txt"
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk: Path="/root/Documents/File
snapshot testing1.txt", Offset=0, Length=208, Raw Length=7282, Duplicated data
ID=1, RawChecksum=E3F2A6D8D63AECA1, RawChecksumType=1,
BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=4
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/File snapshot testing1.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File=\"/root/Documents/File snapshot testing1.txt\", duplicated
file=\"/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)\",
size=\"7,282\"","0,0,0,,,
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/File snapshot testing.txt"
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk: Path="/root/Documents/File
snapshot testing.txt", Offset=0, Length=208, Raw Length=7282, Duplicated data
ID=1, RawChecksum=E3F2A6D8D63AECA1, RawChecksumType=1,
BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=3
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/File snapshot testing.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File=\"/root/Documents/File snapshot testing.txt\", duplicated
file=\"/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)\",
size=\"7,282\"","0,0,0,,,
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/root/Documents/File snapshot
testing.txt,208,7282,1545028063000,,,F
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/root/Documents/File snapshot
testing1.txt,208,7282,1547518334000,,,F
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/File snapshot testing3.txt"
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/File snapshot testing2.txt"
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk: Path="/root/Documents/File
snapshot testing3.txt", Offset=0, Length=208, Raw Length=7282, Duplicated data
ID=1, RawChecksum=E3F2A6D8D63AECA1, RawChecksumType=1,
BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=5

```



```

[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/File snapshot testing3.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File="/root/Documents/File snapshot testing3.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)",
size="\7,282\"",0,0,0,,,
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/root/Documents/File snapshot
testing3.txt,208,7282,1547518351000,,,F
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/LogFile.txt"
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk: Path="/root/Documents/File
snapshot testing2.txt", Offset=0, Length=208, Raw Length=7282, Duplicated data
ID=1, RawChecksum=E3F2A6D8D63AECA1, RawChecksumType=1,
BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=6
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk:
Path="/root/Documents/LogFile.txt", Offset=0, Length=208, Raw Length=7282,
Duplicated data ID=1, RawChecksum=E3F2A6D8D63AECA1, RawChecksumType=1,
BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=7
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/File snapshot testing2.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File="/root/Documents/File snapshot testing2.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)",
size="\7,282\"",0,0,0,,,
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/LogFile_2017.txt"
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/LogFile.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File="/root/Documents/LogFile.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)",
size="\7,282\"",0,0,0,,,
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk:
Path="/root/Documents/LogFile_2017.txt", Offset=0, Length=208, Raw
Length=7282, Duplicated data ID=1, RawChecksum=E3F2A6D8D63AECA1,
RawChecksumType=1, BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=8
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/LogFile_2017.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File="/root/Documents/LogFile_2017.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)",
size="\7,282\"",0,0,0,,,
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/root/Documents/File snapshot
testing2.txt,208,7282,1547518346000,,,F
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/File snapshot testing5.txt"
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk: Path="/root/Documents/File
snapshot testing5.txt", Offset=0, Length=208, Raw Length=7282, Duplicated data
ID=1, RawChecksum=E3F2A6D8D63AECA1, RawChecksumType=1,
BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=9
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/File snapshot testing5.txt", duplicated

```



```

file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File="/root/Documents/File snapshot testing5.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)",
size="\7,282\"",0,0,0,,,
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/root/Documents/File snapshot
testing5.txt,208,7282,1547518367000,,,F
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/LogFile_2018.txt"
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk:
Path="/root/Documents/LogFile_2018.txt", Offset=0, Length=208, Raw
Length=7282, Duplicated data ID=1, RawChecksum=E3F2A6D8D63AECA1,
RawChecksumType=1, BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=10
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/LogFile_2018.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File="/root/Documents/LogFile_2018.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)",
size="\7,282\"",0,0,0,,,
[2022/02/18 02:06:21] [cbs] [1645149880843]
new,/root/Documents/LogFile_2018.txt,208,7282,1545028063000,,,F
[2022/02/18 02:06:21] [cbs] [1645149880843]
new,/root/Documents/LogFile.txt,208,7282,1545028063000,,,F
[2022/02/18 02:06:21] [cbs] [1645149880843]
new,/root/Documents/LogFile_2017.txt,208,7282,1545028063000,,,F
[2022/02/18 02:06:21] [info] [1645149880843] [New File]... 100% of
"/root/Documents/File snapshot testing4.txt"
[2022/02/18 02:06:21] [hide] [1645149880843] Chunk: Path="/root/Documents/File
snapshot testing4.txt", Offset=0, Length=208, Raw Length=7282, Duplicated data
ID=1, RawChecksum=E3F2A6D8D63AECA1, RawChecksumType=1,
BackupJob=20220218020559, BlockSeq=0, ChunkNo=1, FileID=11
[2022/02/18 02:06:21] [info] [1645149880843] Deduplication Info:
File="/root/Documents/File snapshot testing4.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)", size="7,282"
[2022/02/18 02:06:21] [cbs] [1645149880843] info,"Deduplication Info:
File="/root/Documents/File snapshot testing4.txt", duplicated
file="/root/Documents/BackupSolution.txt (2022-02-18-02-05-59)",
size="\7,282\"",0,0,0,,,
[2022/02/18 02:06:21] [cbs] [1645149880843] new,/root/Documents/File snapshot
testing4.txt,208,7282,1547518363000,,,F
[2022/02/18 02:06:22] [info] [1645149880843] Start validating the presence and
size of backup data in destination "AhsayCBS"...
[2022/02/18 02:06:22] [cbs] [1645149880843] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 02:06:23] [info] [1645149880843] File: "1645149721023/blocks/2022-
02-18-02-05-59/0/000000.bak", Size: 208, OK
[2022/02/18 02:06:23] [cbs] [1645149880843] info,"File:
\"1645149721023/blocks/2022-02-18-02-05-59/0/000000.bak\", Size: 208,
OK",0,0,0,,,
[2022/02/18 02:06:23] [info] [1645149880843] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/18 02:06:23] [cbs] [1645149880843] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 02:06:23] [info] [1645149880843] Total New Files = 10
[2022/02/18 02:06:23] [info] [1645149880843] Total New Directories = 3

```

```

[2022/02/18 02:06:23] [info] [1645149880843] Total New Links = 0
[2022/02/18 02:06:23] [info] [1645149880843] Total Updated Files = 0
[2022/02/18 02:06:23] [info] [1645149880843] Total Attributes Changed Files = 0
[2022/02/18 02:06:23] [info] [1645149880843] Total Deleted Files = 0
[2022/02/18 02:06:23] [info] [1645149880843] Total Deleted Directories = 0
[2022/02/18 02:06:23] [info] [1645149880843] Total Deleted Links = 0
[2022/02/18 02:06:23] [info] [1645149880843] Total Moved Files = 0
[2022/02/18 02:06:23] [info] [1645149880843] Total Dedupe Saving for this job = 64KB
[2022/02/18 02:06:23] [info] [1645149880843] Total Backup Data Size for this job = 71KB
[2022/02/18 02:06:23] [info] [1645149880843] Total Dedupe Saving for destination = 64KB
[2022/02/18 02:06:23] [info] [1645149880843] Total Backup Data Size for destination = 71KB
[2022/02/18 02:06:23] [info] [-] Saving server information to destination.
[2022/02/18 02:06:23] [cbs] [-] info,Saving server information to destination.,0,0,0,,,
[2022/02/18 02:06:24] [info] [1645149880843] Saving encrypted backup file index to 1645149721023/blocks/2022-02-18-02-05-59 at destination AhsayCBS...
[2022/02/18 02:06:24] [hide] [1645149880843] Transfer file='1645149721023/blocks/2022-02-18-02-05-59/index.db.21000.17f0a9492dd.cgz'
[2022/02/18 02:06:24] [hide] [1645149880843] Transfer file='1645149721023/blocks/2022-02-18-02-05-59/index.db_2022-02-18-02-05-59.chk.68.17f0a949547.cgz'
[2022/02/18 02:06:24] [hide] [1645149880843] Transfer index.metadata, file='1645149721023/blocks/2022-02-18-02-05-59/index.metadata.cgz'
[2022/02/18 02:06:24] [hide] [1645149880843] Transfer file='1645149721023/blocks/2022-02-18-02-05-59/backupInfo.db.b000.17f0a949118.cgz'
[2022/02/18 02:06:24] [info] [-] Start running post-commands
[2022/02/18 02:06:24] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/18 02:06:24] [info] [-] Finished running post-commands
[2022/02/18 02:06:24] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2022/02/18 02:06:27] [info] [1645149880843] Deleting temporary file /root/tmp/1645149721023/OBS@1645149880843
[2022/02/18 02:06:27] [info] [1645149880843] Backup Completed Successfully
[2022/02/18 02:06:27] [cbs] [1645149880843] end,BS_STOP_SUCCESS,0,0,0,,,

```

## Appendix C Filtering in network drives on Windows OS

### 1. Filter files that ends with f


#### a. Include them but with Exclude all unmatched files/folders left unchecked

For each of the matched files/folders under top directory



☒ Include them  
☐ Exclude them

☐ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison    
☐ Regular expression (UNIX-style)

Existing patterns to match

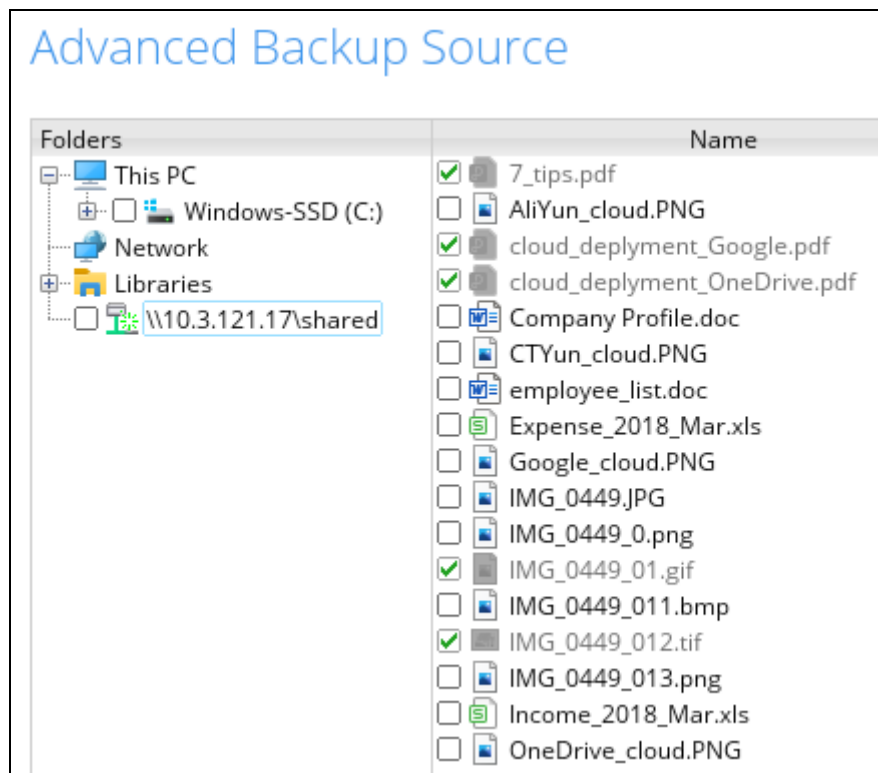
  

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:



Explanation: Only files that end with the letter f will be included in the backup. As you can see in the screenshot the greyed out files will be included since they are pdf, gif and tif files. Since the **Exclude all unmatched files/folders** was left unchecked all other files that does not end with the letter f will still not be included but it does not satisfy the filter criteria which is why it is not greyed out.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: ends with, Top Directory: \\10.3.121.17\shared, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [f]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
5	new	\\10.3.121.17\shared\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
6	new	\\10.3.121.17\shared\7_tips.pdf	3.77M / 4.04M (6%)	08/06/2021 11:29
7	new	\\10.3.121.17\shared\cloud_deployment_Google.pdf	895K / 1.01M (13%)	09/14/2018 15:14
8	new	\\10.3.121.17\shared\cloud_deployment_OneDrive.pdf	895K / 1.01M (13%)	09/14/2018 15:14

## Backup Log:

```
[2022/02/18 10:58:48] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 10:58:48] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 40.8MB (Current) / 1.8GB (Maximum); Physical Memory: 1.1GB
(Free) / 7.7GB (Total)
[2022/02/18 10:58:48] [cbs] [1645152862379] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 10:58:48] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 10:58:48] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 10:58:49] [info] [1645152862379] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 10:58:49] [info] [1645152862379] Using Temporary Directory
C:\Users\user\temp\1645152608531\OBS@1645152862379
[2022/02/18 10:58:49] [cbs] [1645152862379] info,Using Temporary
Directory C:\Users\user\temp\1645152608531\OBS@1645152862379,0,0,0,,,
[2022/02/18 10:58:51] [hide] [1645152862379] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 10:58:51] [info] [-] Start running pre-commands
[2022/02/18 10:58:51] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 10:58:51] [info] [-] Finished running pre-commands
[2022/02/18 10:58:51] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 10:58:51] [info] [1645152862379] Downloading server file
list...
[2022/02/18 10:58:52] [info] [1645152862379] Downloading server file
list... Completed
[2022/02/18 10:58:53] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 10:58:53] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 10:58:53] [info] [1645152862379] Reading backup source
from hard disk...
[2022/02/18 10:58:53] [info] [1645152862379] Reading backup source
from hard disk... Completed
[2022/02/18 10:58:53] [info] [1645152862379] [New Directory]... \\
[2022/02/18 10:58:53] [cbs] [1645152862379] new,\\,0,0,0,,,D
[2022/02/18 10:58:53] [info] [1645152862379] [New Directory]...
\\10.3.121.17
```

```

[2022/02/18 10:58:53] [cbs] [1645152862379]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 10:58:53] [info] [1645152862379] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 10:58:53] [cbs] [1645152862379]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 10:58:54] [info] [1645152862379] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:54] [info] [1645152862379] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:54] [info] [1645152862379] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:55] [info] [1645152862379] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:55] [info] [1645152862379] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:55] [info] [1645152862379] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:55] [info] [1645152862379] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:55] [info] [1645152862379] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:55] [info] [1645152862379] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:55] [info] [1645152862379] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:56] [info] [1645152862379] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:56] [info] [1645152862379] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:56] [info] [1645152862379] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 10:58:56] [cbs] [1645152862379]
new,\\10.3.121.17\shared\IMG_0449_01.gif,2090384,2090373,1537850140511
,,,F
[2022/02/18 10:58:56] [info] [1645152862379] [New File]... 10% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:58:56] [info] [1645152862379] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:56] [info] [1645152862379] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:56] [info] [1645152862379] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:57] [info] [1645152862379] [New File]... 20% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:58:57] [info] [1645152862379] [New File]... 30% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:58:58] [info] [1645152862379] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:58] [info] [1645152862379] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:58:58] [info] [1645152862379] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:59:00] [info] [1645152862379] [New File]... 40% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:59:00] [info] [1645152862379] [New File]... 50% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:59:00] [info] [1645152862379] [New File]... 60% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:59:00] [info] [1645152862379] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 10:59:00] [cbs] [1645152862379]
new,\\10.3.121.17\shared\IMG_0449_012.tif,3957200,3956182,153785018707
4,,,F

```

```

[2022/02/18 10:59:01] [info] [1645152862379] [New File]... 70% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:59:01] [info] [1645152862379] [New File]... 80% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:59:02] [info] [1645152862379] [New File]... 90% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:59:02] [info] [1645152862379] [New File]... 100% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 10:59:02] [cbs] [1645152862379]
new,\\10.3.121.17\shared\7_tips.pdf,3948816,4238624,1628220561736,,,F
[2022/02/18 10:59:04] [info] [1645152862379] [New File]... 10% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:04] [info] [1645152862379] [New File]... 20% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:04] [info] [1645152862379] [New File]... 30% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:04] [info] [1645152862379] [New File]... 40% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 51% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 61% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 72% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 83% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 97% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 100% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 10:59:05] [cbs] [1645152862379]
new,\\10.3.121.17\shared\cloud_deployement_Google.pdf,916656,1059298,153
6909278178,,,F
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 10% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 20% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 30% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 40% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 51% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 61% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 72% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 83% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 97% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [info] [1645152862379] [New File]... 100% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 10:59:05] [hide] [1645152862379] Chunk:
Path="\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf",
Offset=3957200, Length=916656, Raw Length=1059298, Duplicated data
ID=4, RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220218105846, BlockSeq=1, ChunkNo=4, FileID=6
[2022/02/18 10:59:05] [info] [1645152862379] Deduplication Info:
File="\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf", duplicated
file="\\10.3.121.17\shared\cloud_deployement_Google.pdf (2022-02-18-10-
58-46)", size="1,059,298"
[2022/02/18 10:59:05] [cbs] [1645152862379] info,"Deduplication Info:
File="\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf",

```



```

duplicated file=\\10.3.121.17\\shared\\cloud_deployement_Google.pdf
(2022-02-18-10-58-46)\", size=\"1,059,298\",0,0,0,,,
[2022/02/18 10:59:05] [cbs] [1645152862379]
new,\\10.3.121.17\\shared\\cloud_deployement_OneDrive.pdf,916656,1059298,1
536909278178,,,F
[2022/02/18 10:59:20] [info] [1645152862379] Start validating the
presence and size of backup data in destination \"AhsayCBS\"...
[2022/02/18 10:59:20] [cbs] [1645152862379] info,\"Start validating the
presence and size of backup data in destination
\\\"AhsayCBS\\\"...\",0,0,0,,,
[2022/02/18 10:59:20] [info] [1645152862379] File:
\"1645152608531/blocks/2022-02-18-10-58-46/0/000000.bak\", Size:
6,039,200, OK
[2022/02/18 10:59:20] [cbs] [1645152862379] info,\"File:
\\\"1645152608531/blocks/2022-02-18-10-58-46/0/000000.bak\\\", Size:
6,039,200, OK\",0,0,0,,,
[2022/02/18 10:59:20] [info] [1645152862379] File:
\"1645152608531/blocks/2022-02-18-10-58-46/0/000001.bak\", Size:
4,873,856, OK
[2022/02/18 10:59:20] [cbs] [1645152862379] info,\"File:
\\\"1645152608531/blocks/2022-02-18-10-58-46/0/000001.bak\\\", Size:
4,873,856, OK\",0,0,0,,,
[2022/02/18 10:59:20] [info] [1645152862379] Finished validating the
presence and size of backup data in destination \"AhsayCBS\"
[2022/02/18 10:59:20] [cbs] [1645152862379] info,\"Finished validating
the presence and size of backup data in destination
\\\"AhsayCBS\\\"\",0,0,0,,,
[2022/02/18 10:59:20] [info] [1645152862379] Total New Files = 5
[2022/02/18 10:59:20] [info] [1645152862379] Total New Directories = 3
[2022/02/18 10:59:20] [info] [1645152862379] Total New Links = 0
[2022/02/18 10:59:20] [info] [1645152862379] Total Updated Files = 0
[2022/02/18 10:59:20] [info] [1645152862379] Total Attributes Changed
Files = 0
[2022/02/18 10:59:20] [info] [1645152862379] Total Deleted Files = 0
[2022/02/18 10:59:20] [info] [1645152862379] Total Deleted Directories
= 0
[2022/02/18 10:59:20] [info] [1645152862379] Total Deleted Links = 0
[2022/02/18 10:59:20] [info] [1645152862379] Total Moved Files = 0
[2022/02/18 10:59:20] [info] [1645152862379] Total Dedupe Saving for
this job = 1.01MB
[2022/02/18 10:59:20] [info] [1645152862379] Total Backup Data Size
for this job = 11.83MB
[2022/02/18 10:59:20] [info] [1645152862379] Total Dedupe Saving for
destination = 1.01MB
[2022/02/18 10:59:20] [info] [1645152862379] Total Backup Data Size
for destination = 11.83MB
[2022/02/18 10:59:20] [info] [1645152862379] Start running retention
policy on backup set \"BackupSet-4(1645152608531)\",
\"AhsayCBS(1645152862379)\"
[2022/02/18 10:59:20] [cbs] [1645152862379] info,\"Start running
retention policy on backup set \\\"BackupSet-4(1645152608531)\\\",
\\\"AhsayCBS(1645152862379)\\\"\",0,0,0,,,
[2022/02/18 10:59:20] [info] [1645152862379] Start processing space
freeing up on backup set= \"BackupSet-4 (1645152608531)\" destination=
\"AhsayCBS (1645152862379)\"
[2022/02/18 10:59:20] [cbs] [1645152862379] info,\"Start processing
space freeing up on backup set= \\\"BackupSet-4 (1645152608531)\\\"
destination= \\\"AhsayCBS (1645152862379)\\\"\",0,0,0,,,
[2022/02/18 10:59:20] [info] [1645152862379] Space freeing up on
backup set= \"BackupSet-4 (1645152608531)\" destination= \"AhsayCBS
(1645152862379)\" is completed
[2022/02/18 10:59:20] [cbs] [1645152862379] info,\"Space freeing up on
backup set= \\\"BackupSet-4 (1645152608531)\\\" destination= \\\"AhsayCBS
(1645152862379)\\\" is completed\",0,0,0,,,

```



```

[2022/02/18 10:59:20] [info] [1645152862379] Finished running
retention policy on backup set "BackupSet-4(1645152608531)",
"AhsayCBS(1645152862379)"
[2022/02/18 10:59:20] [cbs] [1645152862379] info,"Finished running
retention policy on backup set \"BackupSet-4(1645152608531)\",
\"AhsayCBS(1645152862379)\",0,0,0,,
[2022/02/18 10:59:21] [info] [-] Saving server information to
destination.
[2022/02/18 10:59:21] [cbs] [-] info,Saving server information to
destination.,0,0,0,,
[2022/02/18 10:59:21] [info] [1645152862379] Saving encrypted backup
file index to 1645152608531/blocks/2022-02-18-10-58-46 at destination
AhsayCBS...
[2022/02/18 10:59:21] [hide] [1645152862379] Transfer
file='1645152608531/blocks/2022-02-18-10-58-
46/index.db.21000.17f0ac51152.cgz'
[2022/02/18 10:59:21] [hide] [1645152862379] Transfer
file='1645152608531/blocks/2022-02-18-10-58-46/index.db_2022-02-18-10-
58-46.chk.0.17f0ac5116e.cgz'
[2022/02/18 10:59:21] [hide] [1645152862379] Transfer index.metadata,
file= '1645152608531/blocks/2022-02-18-10-58-46/index.metadata.cgz'
[2022/02/18 10:59:21] [hide] [1645152862379] Transfer
file='1645152608531/blocks/2022-02-18-10-58-
46/backupInfo.db.b000.17f0ac5115e.cgz'
[2022/02/18 10:59:22] [info] [-] Start running post-commands
[2022/02/18 10:59:22] [cbs] [-] info,Start running post-
commands,0,0,0,,
[2022/02/18 10:59:22] [info] [-] Finished running post-commands
[2022/02/18 10:59:22] [cbs] [-] info,Finished running post-
commands,0,0,0,,
[2022/02/18 10:59:22] [info] [1645152862379] Deleting temporary file
C:\Users\user\temp\1645152608531\OBS@1645152862379
[2022/02/18 10:59:24] [info] [1645152862379] Backup Completed
Successfully
[2022/02/18 10:59:24] [cbs] [1645152862379]
end,BS_STOP_SUCCESS,0,0,0,,

```

- b. **Include them** but with **Exclude all unmatched files/folders** checked

For each of the matched files/folders under top directory

☒ Include them  
☐ Exclude them

☒ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison   
☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
<input checked="" type="checkbox"/> This PC	<input checked="" type="checkbox"/> 7_tips.pdf
<input type="checkbox"/> Windows-SSD (C:)	<input type="checkbox"/> AliYun_cloud.PNG
<input type="checkbox"/> Network	<input checked="" type="checkbox"/> cloud_deployement_Google.pdf
<input type="checkbox"/> Libraries	<input checked="" type="checkbox"/> cloud_deployement_OneDrive.pdf
<input checked="" type="checkbox"/> \\10.3.121.17\\shared	<input type="checkbox"/> Company Profile.doc
	<input type="checkbox"/> CTYun_cloud.PNG
	<input type="checkbox"/> employee_list.doc
	<input type="checkbox"/> Expense_2018_Mar.xls
	<input type="checkbox"/> Google_cloud.PNG
	<input type="checkbox"/> IMG_0449.JPG
	<input type="checkbox"/> IMG_0449_0.png
	<input checked="" type="checkbox"/> IMG_0449_01.gif
	<input type="checkbox"/> IMG_0449_011.bmp
	<input checked="" type="checkbox"/> IMG_0449_012.tif
	<input type="checkbox"/> IMG_0449_013.png
	<input type="checkbox"/> Income_2018_Mar.xls
	<input type="checkbox"/> OneDrive_cloud.PNG

Explanation: Only files that end with the letter f will be included in the backup. Since the **Exclude all unmatched files/folders** was checked they will not be included in the backup but they are greyed out since they match the filter criteria.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	[\\10.3.121.17\shared]
Filter	[Enabled: Yes][Name: Filter-1, Type: ends with, Top Directory: \\10.3.121.17\shared, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [*]]
Backup Schedule	[Computer Name: ][Daily: [Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes]][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
5	new	\\10.3.121.17\shared\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
6	new	\\10.3.121.17\shared\7_tips.pdf	3.77M / 4.04M (6%)	08/06/2021 11:29
7	new	\\10.3.121.17\shared\cloud_deployment_Google.pdf	895K / 1.01M (13%)	09/14/2018 15:14
8	new	\\10.3.121.17\shared\cloud_deployment_OneDrive.pdf	895K / 1.01M (13%)	09/14/2018 15:14

## Backup Log:

```
[2022/02/18 11:05:41] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 11:05:41] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 275.1MB (Current) / 1.8GB (Maximum); Physical Memory:
890.1MB (Free) / 7.7GB (Total)
[2022/02/18 11:05:41] [cbs] [1645153509645] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 11:05:41] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 11:05:41] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 11:05:42] [info] [1645153509645] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 11:05:42] [info] [1645153509645] Using Temporary Directory
C:\Users\user\temp\1645153288186\OBS@1645153509645
[2022/02/18 11:05:42] [cbs] [1645153509645] info,Using Temporary
Directory C:\Users\user\temp\1645153288186\OBS@1645153509645,0,0,0,,,
[2022/02/18 11:05:44] [hide] [1645153509645] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 11:05:44] [info] [-] Start running pre-commands
[2022/02/18 11:05:44] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 11:05:44] [info] [-] Finished running pre-commands
[2022/02/18 11:05:44] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 11:05:44] [info] [1645153509645] Downloading server file
list...
[2022/02/18 11:05:44] [info] [1645153509645] Downloading server file
list... Completed
[2022/02/18 11:05:45] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 11:05:45] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 11:05:45] [info] [1645153509645] Reading backup source
from hard disk...
[2022/02/18 11:05:45] [info] [1645153509645] Reading backup source
from hard disk... Completed
[2022/02/18 11:05:46] [info] [1645153509645] [New Directory]... \\
[2022/02/18 11:05:46] [cbs] [1645153509645] new,\\,0,0,0,,,D
[2022/02/18 11:05:46] [info] [1645153509645] [New Directory]...
\\10.3.121.17
```

```

[2022/02/18 11:05:46] [cbs] [1645153509645]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 11:05:46] [info] [1645153509645] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 11:05:46] [cbs] [1645153509645]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 11:05:46] [info] [1645153509645] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:47] [info] [1645153509645] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:47] [info] [1645153509645] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:47] [info] [1645153509645] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:47] [info] [1645153509645] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:47] [info] [1645153509645] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:48] [info] [1645153509645] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:48] [info] [1645153509645] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:48] [info] [1645153509645] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:48] [info] [1645153509645] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:48] [info] [1645153509645] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:48] [info] [1645153509645] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:48] [info] [1645153509645] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 11:05:48] [cbs] [1645153509645]
new,\\10.3.121.17\shared\IMG_0449_01.gif,2090384,2090373,1537850140511
,,,F
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 10% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 20% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 30% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 40% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:49] [info] [1645153509645] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 11:05:50] [info] [1645153509645] [New File]... 50% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:50] [info] [1645153509645] [New File]... 60% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:50] [info] [1645153509645] [New File]... 70% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:50] [info] [1645153509645] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_012.tif"

```

```

[2022/02/18 11:05:50] [cbs] [1645153509645]
new,\\10.3.121.17\shared\IMG_0449_012.tif,3957200,3956182,153785018707
4,,,F
[2022/02/18 11:05:50] [info] [1645153509645] [New File]... 80% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:50] [info] [1645153509645] [New File]... 90% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:50] [info] [1645153509645] [New File]... 100% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 11:05:50] [cbs] [1645153509645]
new,\\10.3.121.17\shared\7_tips.pdf,3948816,4238624,1628220561736,,,F
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 10% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 20% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 30% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 40% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 10% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 20% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 51% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 61% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 72% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 83% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 97% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 100% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 11:05:51] [cbs] [1645153509645]
new,\\10.3.121.17\shared\cloud_deployement_Google.pdf,916656,1059298,153
6909278178,,,F
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 30% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 40% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 51% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 61% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 72% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 83% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 97% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [info] [1645153509645] [New File]... 100% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 11:05:51] [hide] [1645153509645] Chunk:
Path="\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf",
Offset=3957200, Length=916656, Raw Length=1059298, Duplicated data
ID=4, RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220218110540, BlockSeq=1, ChunkNo=4, FileID=6
[2022/02/18 11:05:51] [info] [1645153509645] Deduplication Info:
File="\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf", duplicated
file="\\10.3.121.17\shared\cloud_deployement_Google.pdf (2022-02-18-11-
05-40)", size="1,059,298"

```

```

[2022/02/18 11:05:51] [cbs] [1645153509645] info,"Deduplication Info:
File=\\10.3.121.17\\shared\\cloud_deployement_OneDrive.pdf\",
duplicated file=\\10.3.121.17\\shared\\cloud_deployement_Google.pdf
(2022-02-18-11-05-40)\", size=\\1,059,298\\\",0,0,0,,,
[2022/02/18 11:05:51] [cbs] [1645153509645]
new,\\10.3.121.17\\shared\\cloud_deployement_OneDrive.pdf,916656,1059298,1
536909278178,,,F
[2022/02/18 11:06:06] [info] [1645153509645] Start validating the
presence and size of backup data in destination \"AhsayCBS\"...
[2022/02/18 11:06:06] [cbs] [1645153509645] info,\"Start validating the
presence and size of backup data in destination
\\\"AhsayCBS\\\"...\",0,0,0,,,
[2022/02/18 11:06:06] [info] [1645153509645] File:
\"1645153288186/blocks/2022-02-18-11-05-40/0/000000.bak\", Size:
6,039,200, OK
[2022/02/18 11:06:06] [cbs] [1645153509645] info,\"File:
\\\"1645153288186/blocks/2022-02-18-11-05-40/0/000000.bak\\\", Size:
6,039,200, OK\",0,0,0,,,
[2022/02/18 11:06:06] [info] [1645153509645] File:
\"1645153288186/blocks/2022-02-18-11-05-40/0/000001.bak\", Size:
4,873,856, OK
[2022/02/18 11:06:06] [cbs] [1645153509645] info,\"File:
\\\"1645153288186/blocks/2022-02-18-11-05-40/0/000001.bak\\\", Size:
4,873,856, OK\",0,0,0,,,
[2022/02/18 11:06:06] [info] [1645153509645] Finished validating the
presence and size of backup data in destination \"AhsayCBS\"
[2022/02/18 11:06:06] [cbs] [1645153509645] info,\"Finished validating
the presence and size of backup data in destination
\\\"AhsayCBS\\\"\",0,0,0,,,
[2022/02/18 11:06:06] [info] [1645153509645] Total New Files = 5
[2022/02/18 11:06:06] [info] [1645153509645] Total New Directories = 3
[2022/02/18 11:06:06] [info] [1645153509645] Total New Links = 0
[2022/02/18 11:06:06] [info] [1645153509645] Total Updated Files = 0
[2022/02/18 11:06:06] [info] [1645153509645] Total Attributes Changed
Files = 0
[2022/02/18 11:06:06] [info] [1645153509645] Total Deleted Files = 0
[2022/02/18 11:06:06] [info] [1645153509645] Total Deleted Directories
= 0
[2022/02/18 11:06:06] [info] [1645153509645] Total Deleted Links = 0
[2022/02/18 11:06:06] [info] [1645153509645] Total Moved Files = 0
[2022/02/18 11:06:06] [info] [1645153509645] Total Dedupe Saving for
this job = 1.01MB
[2022/02/18 11:06:06] [info] [1645153509645] Total Backup Data Size
for this job = 11.83MB
[2022/02/18 11:06:06] [info] [1645153509645] Total Dedupe Saving for
destination = 1.01MB
[2022/02/18 11:06:06] [info] [1645153509645] Total Backup Data Size
for destination = 11.83MB
[2022/02/18 11:06:06] [info] [1645153509645] Start running retention
policy on backup set \"BackupSet-5(1645153288186)\",
\"AhsayCBS(1645153509645)\"
[2022/02/18 11:06:06] [cbs] [1645153509645] info,\"Start running
retention policy on backup set \\\"BackupSet-5(1645153288186)\\\",
\\\"AhsayCBS(1645153509645)\\\"\",0,0,0,,,
[2022/02/18 11:06:06] [info] [1645153509645] Start processing space
freeing up on backup set= \"BackupSet-5 (1645153288186)\" destination=
\"AhsayCBS (1645153509645)\"
[2022/02/18 11:06:06] [cbs] [1645153509645] info,\"Start processing
space freeing up on backup set= \\\"BackupSet-5 (1645153288186)\\\"
destination= \\\"AhsayCBS (1645153509645)\\\"\",0,0,0,,,
[2022/02/18 11:06:06] [info] [1645153509645] Space freeing up on
backup set= \"BackupSet-5 (1645153288186)\" destination= \"AhsayCBS
(1645153509645)\" is completed

```



```

[2022/02/18 11:06:06] [cbs] [1645153509645] info,"Space freeing up on
backup set= \"BackupSet-5 (1645153288186)\" destination= \"AhsayCBS
(1645153509645)\" is completed",0,0,0,,,
[2022/02/18 11:06:06] [info] [1645153509645] Finished running
retention policy on backup set "BackupSet-5(1645153288186)",
"AhsayCBS(1645153509645)"
[2022/02/18 11:06:06] [cbs] [1645153509645] info,"Finished running
retention policy on backup set \"BackupSet-5(1645153288186)\",
\"AhsayCBS(1645153509645)\""",0,0,0,,,
[2022/02/18 11:06:07] [info] [-] Saving server information to
destination.
[2022/02/18 11:06:07] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 11:06:07] [info] [1645153509645] Saving encrypted backup
file index to 1645153288186/blocks/2022-02-18-11-05-40 at destination
AhsayCBS...
[2022/02/18 11:06:07] [hide] [1645153509645] Transfer
file='1645153288186/blocks/2022-02-18-11-05-
40/index.db.21000.17f0acb4258.cgz'
[2022/02/18 11:06:07] [hide] [1645153509645] Transfer
file='1645153288186/blocks/2022-02-18-11-05-40/index.db_2022-02-18-11-
05-40.chk.0.17f0acb426e.cgz'
[2022/02/18 11:06:07] [hide] [1645153509645] Transfer index.metadata,
file= '1645153288186/blocks/2022-02-18-11-05-40/index.metadata.cgz'
[2022/02/18 11:06:07] [hide] [1645153509645] Transfer
file='1645153288186/blocks/2022-02-18-11-05-
40/backupInfo.db.b000.17f0acb4264.cgz'
[2022/02/18 11:06:07] [info] [-] Start running post-commands
[2022/02/18 11:06:07] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/18 11:06:07] [info] [-] Finished running post-commands
[2022/02/18 11:06:07] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 11:06:07] [info] [1645153509645] Deleting temporary file
C:\Users\user\temp\1645153288186\OBS@1645153509645
[2022/02/18 11:06:09] [info] [1645153509645] Backup Completed
Successfully
[2022/02/18 11:06:09] [cbs] [1645153509645]
end,BS_STOP_SUCCESS,0,0,0,,,

```

c. **Exclude them with Include all unmatched files/folders** unchecked

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☐ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison  ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
This PC	<input type="checkbox"/> 7_tips.pdf
Windows-SSD (C:)	<input type="checkbox"/> AliYun_cloud.PNG
shared (\\10.3.121.17)	<input type="checkbox"/> cloud_deployement_Google.pdf
Network	<input type="checkbox"/> cloud_deployement_OneDrive.pdf
Libraries	<input type="checkbox"/> Company Profile.doc
	<input type="checkbox"/> CTYun_cloud.PNG
	<input type="checkbox"/> employee_list.doc
	<input type="checkbox"/> Expense_2018_Mar.xls
	<input type="checkbox"/> Google_cloud.PNG
	<input type="checkbox"/> IMG_0449.JPG
	<input type="checkbox"/> IMG_0449_0.png
	<input type="checkbox"/> IMG_0449_01.gif
	<input type="checkbox"/> IMG_0449_011.bmp
	<input type="checkbox"/> IMG_0449_012.tif
	<input type="checkbox"/> IMG_0449_013.png
	<input type="checkbox"/> Income_2018_Mar.xls
	<input type="checkbox"/> OneDrive_cloud.PNG

Explanation: No files will be included in the backup since the criteria is to exclude all files that end with the letter f. Since the **Include all unmatched files/folders** was left unchecked the other files will also not be included in the backup.

## Backup Report:

Backup Set Settings	
Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: ends with, Top Directory: \\10.3.121.17\shared\, Include: No, Exclude all unmatched files/folders: No, Apply to No, Apply to files: Yes, Pattern: [F]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified

## Backup Log:

```
[2022/02/18 11:28:06] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 11:28:06] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 104.3MB (Current) / 1.8GB (Maximum); Physical Memory:
940.3MB (Free) / 7.7GB (Total)
[2022/02/18 11:28:06] [cbs] [1645154842673] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 11:28:06] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 11:28:06] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 11:28:08] [info] [1645154842673] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 11:28:08] [info] [1645154842673] Using Temporary Directory
C:\Users\user\temp\1645154528556\OBS@1645154842673
[2022/02/18 11:28:08] [cbs] [1645154842673] info,Using Temporary
Directory C:\Users\user\temp\1645154528556\OBS@1645154842673,0,0,0,,,
[2022/02/18 11:28:10] [hide] [1645154842673] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 11:28:10] [info] [-] Start running pre-commands
[2022/02/18 11:28:10] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 11:28:10] [info] [-] Finished running pre-commands
[2022/02/18 11:28:10] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 11:28:10] [info] [1645154842673] Downloading server file
list...
[2022/02/18 11:28:11] [info] [1645154842673] Downloading server file
list... Completed
[2022/02/18 11:28:12] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 11:28:12] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 11:28:12] [info] [1645154842673] Reading backup source
from hard disk...
[2022/02/18 11:28:12] [info] [1645154842673] Reading backup source
from hard disk... Completed
[2022/02/18 11:28:13] [info] [1645154842673] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 11:28:13] [cbs] [1645154842673] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\""...",0,0,0,,,
[2022/02/18 11:28:13] [info] [1645154842673] This backup job has no
backup data in destination "AhsayCBS"
[2022/02/18 11:28:13] [cbs] [1645154842673] info,"This backup job has
no backup data in destination \"AhsayCBS\""...",0,0,0,,,
```

```

[2022/02/18 11:28:13] [info] [1645154842673] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 11:28:13] [cbs] [1645154842673] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""",0,0,0,,,
[2022/02/18 11:28:13] [info] [1645154842673] Total New Files = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total New Directories = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total New Links = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total Updated Files = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total Attributes Changed
Files = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total Deleted Files = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total Deleted Directories
= 0
[2022/02/18 11:28:13] [info] [1645154842673] Total Deleted Links = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total Moved Files = 0
[2022/02/18 11:28:13] [info] [1645154842673] Total Dedupe Saving for
this job = 0B
[2022/02/18 11:28:13] [info] [1645154842673] Total Backup Data Size
for this job = 0B
[2022/02/18 11:28:13] [info] [1645154842673] Total Dedupe Saving for
destination = 0B
[2022/02/18 11:28:13] [info] [1645154842673] Total Backup Data Size
for destination = 0B
[2022/02/18 11:28:13] [info] [1645154842673] Start running retention
policy on backup set "BackupSet-6(1645154528556)",
"AhsayCBS(1645154842673)"
[2022/02/18 11:28:13] [cbs] [1645154842673] info,"Start running
retention policy on backup set \"BackupSet-6(1645154528556)\",
\"AhsayCBS(1645154842673)\\""",0,0,0,,,
[2022/02/18 11:28:13] [info] [1645154842673] Start processing space
freeing up on backup set= "BackupSet-6 (1645154528556)" destination=
"AhsayCBS (1645154842673)"
[2022/02/18 11:28:13] [cbs] [1645154842673] info,"Start processing
space freeing up on backup set= \"BackupSet-6 (1645154528556)\",
destination= \"AhsayCBS (1645154842673)\\""",0,0,0,,,
[2022/02/18 11:28:13] [info] [1645154842673] Space freeing up on
backup set= "BackupSet-6 (1645154528556)" destination= "AhsayCBS
(1645154842673)" is completed
[2022/02/18 11:28:13] [cbs] [1645154842673] info,"Space freeing up on
backup set= \"BackupSet-6 (1645154528556)\", destination= \"AhsayCBS
(1645154842673)\", is completed",0,0,0,,,
[2022/02/18 11:28:13] [info] [1645154842673] Finished running
retention policy on backup set "BackupSet-6(1645154528556)",
"AhsayCBS(1645154842673)"
[2022/02/18 11:28:13] [cbs] [1645154842673] info,"Finished running
retention policy on backup set \"BackupSet-6(1645154528556)\",
\"AhsayCBS(1645154842673)\\""",0,0,0,,,
[2022/02/18 11:28:14] [info] [-] Saving server information to
destination.
[2022/02/18 11:28:14] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 11:28:14] [info] [1645154842673] Saving encrypted backup
file index to 1645154528556/blocks/2022-02-18-11-28-05 at destination
AhsayCBS...
[2022/02/18 11:28:14] [hide] [1645154842673] Transfer
file='1645154528556/blocks/2022-02-18-11-28-
05/index.db.21000.17f0adf82fd.cgz'
[2022/02/18 11:28:14] [hide] [1645154842673] Transfer
file='1645154528556/blocks/2022-02-18-11-28-05/index.db_2022-02-18-11-
28-05.chk.0.17f0adf8312.cgz'
[2022/02/18 11:28:14] [hide] [1645154842673] Transfer index.metadata,
file= '1645154528556/blocks/2022-02-18-11-28-05/index.metadata.cgz'

```

```
[2022/02/18 11:28:15] [hide] [1645154842673] Transfer
file='1645154528556/blocks/2022-02-18-11-28-
05/backupInfo.db.b000.17f0adf8306.cgz'
[2022/02/18 11:28:15] [info] [-] Start running post-commands
[2022/02/18 11:28:15] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/18 11:28:15] [info] [-] Finished running post-commands
[2022/02/18 11:28:15] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 11:28:15] [info] [1645154842673] Deleting temporary file
C:\Users\user\temp\1645154528556\OBS@1645154842673
[2022/02/18 11:28:19] [info] [1645154842673] Backup Completed
Successfully
[2022/02/18 11:28:19] [cbs] [1645154842673]
end,BS_STOP_SUCCESS,0,0,0,,,
```

d. **Exclude them with Include all unmatched files/folders** checked

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☒ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison  ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

☒ f

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
<input checked="" type="checkbox"/> This PC	<input type="checkbox"/> 7_tips.pdf
<input type="checkbox"/> Windows-SSD (C:)	<input checked="" type="checkbox"/> AliYun_cloud.PNG
<input type="checkbox"/> shared (\\10.3.121.17)	<input type="checkbox"/> cloud_deployement_Google.pdf
<input type="checkbox"/> Network	<input type="checkbox"/> cloud_deployement_OneDrive.pdf
<input checked="" type="checkbox"/> Libraries	<input checked="" type="checkbox"/> Company Profile.doc
	<input checked="" type="checkbox"/> CTYun_cloud.PNG
	<input checked="" type="checkbox"/> employee_list.doc
	<input checked="" type="checkbox"/> Expense_2018_Mar.xls
	<input checked="" type="checkbox"/> Google_cloud.PNG
	<input checked="" type="checkbox"/> IMG_0449.JPG
	<input checked="" type="checkbox"/> IMG_0449_0.png
	<input type="checkbox"/> IMG_0449_01.gif
	<input checked="" type="checkbox"/> IMG_0449_011.bmp
	<input type="checkbox"/> IMG_0449_012.tif
	<input checked="" type="checkbox"/> IMG_0449_013.png
	<input checked="" type="checkbox"/> Income_2018_Mar.xls
	<input checked="" type="checkbox"/> OneDrive_cloud.PNG

Explanation: All files ending with the letter f will not be included in the backup. Since the **Include all unmatched files/folders** was checked all the other files that does not end with the letter f will be included in the backup.



## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: ends with, Top Directory: \\10.3.121.17\shared\, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [*]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\AliYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
5	new	\\10.3.121.17\shared\CTYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
6	new	\\10.3.121.17\shared\Google_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
7	new	\\10.3.121.17\shared\Company_Profile.doc	47K / 70K (32%)	07/19/2018 16:05
8	new	\\10.3.121.17\shared\Expense_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
9	new	\\10.3.121.17\shared\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
10	new	\\10.3.121.17\shared\Income_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
11	new	\\10.3.121.17\shared\OneDrive_cloud.PNG	21K / 21K (0%)	09/18/2018 16:14
12	new	\\10.3.121.17\shared\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
13	new	\\10.3.121.17\shared\IMG_0449_013.png	3.11M / 3.11M (0%)	09/25/2018 12:36
14	new	\\10.3.121.17\shared\employee_list.doc	1.39M / 1.63M (14%)	06/05/2018 19:55
15	new	\\10.3.121.17\shared\IMG_0449_011.bmp	2.36M / 17.02M (86%)	09/25/2018 12:36

## Backup Log:

```
[2022/02/18 11:34:03] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 11:34:03] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 123.7MB (Current) / 1.8GB (Maximum); Physical Memory:
1,003.6MB (Free) / 7.7GB (Total)
[2022/02/18 11:34:03] [cbs] [1645155222023] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 11:34:03] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 11:34:03] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 11:34:05] [info] [1645155222023] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 11:34:05] [info] [1645155222023] Using Temporary Directory
C:\Users\user\temp\1645155041041\OBS@1645155222023
[2022/02/18 11:34:05] [cbs] [1645155222023] info,Using Temporary
Directory C:\Users\user\temp\1645155041041\OBS@1645155222023,0,0,0,,,
[2022/02/18 11:34:07] [hide] [1645155222023] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 11:34:07] [info] [-] Start running pre-commands
[2022/02/18 11:34:07] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 11:34:07] [info] [-] Finished running pre-commands
[2022/02/18 11:34:07] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 11:34:07] [info] [1645155222023] Downloading server file
list...
[2022/02/18 11:34:08] [info] [1645155222023] Downloading server file
list... Completed
[2022/02/18 11:34:09] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 11:34:09] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 11:34:09] [info] [1645155222023] Reading backup source
from hard disk...
```

```

[2022/02/18 11:34:09] [info] [1645155222023] Reading backup source
from hard disk... Completed
[2022/02/18 11:34:10] [info] [1645155222023] [New Directory]... \\
[2022/02/18 11:34:10] [cbs] [1645155222023] new,\\,0,0,0,,,D
[2022/02/18 11:34:10] [info] [1645155222023] [New Directory]...
\\10.3.121.17
[2022/02/18 11:34:10] [cbs] [1645155222023]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 11:34:10] [info] [1645155222023] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 11:34:10] [cbs] [1645155222023]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 11% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 22% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 33% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 44% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 55% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 66% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 78% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 89% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 100% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 11% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 22% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 33% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 44% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 55% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 66% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 78% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 89% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 100% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 11:34:10] [cbs] [1645155222023]
new,\\10.3.121.17\shared\AliYun_cloud.PNG,13776,13768,1537255780683,,,
F
[2022/02/18 11:34:10] [cbs] [1645155222023]
new,\\10.3.121.17\shared\CTYun_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 11% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 22% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 33% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 44% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 55% of
"\\10.3.121.17\shared\Google_cloud.PNG"

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[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 66% of
"\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 78% of
"\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 89% of
"\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:10] [info] [1645155222023] [New File]... 100% of
"\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 11:34:11] [info] [1645155222023] [New File]... 45% of
"\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 11:34:11] [info] [1645155222023] [New File]... 68% of
"\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 11:34:11] [hide] [1645155222023] Chunk:
Path="\10.3.121.17\shared\Google_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220218113402, BlockSeq=0, ChunkNo=1,
FileID=4
[2022/02/18 11:34:11] [info] [1645155222023] Deduplication Info:
File="\10.3.121.17\shared\Google_cloud.PNG", duplicated
file="\10.3.121.17\shared\AliYun_cloud.PNG (2022-02-18-11-34-02)",
size="13,768"
[2022/02/18 11:34:11] [cbs] [1645155222023] info,"Deduplication Info:
File="\10.3.121.17\shared\Google_cloud.PNG", duplicated
file="\10.3.121.17\shared\AliYun_cloud.PNG (2022-02-18-11-34-
02)", size="13,768",0,0,0,,
[2022/02/18 11:34:11] [cbs] [1645155222023]
new,\10.3.121.17\shared\Google_cloud.PNG,13776,13768,1537255780683,,,
F
[2022/02/18 11:34:11] [info] [1645155222023] [New File]... 100% of
"\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 11:34:11] [cbs] [1645155222023]
new,\10.3.121.17\shared\Company
Profile.doc,48208,71680,1531987501233,,,F
[2022/02/18 11:34:11] [info] [1645155222023] [New File]... 100% of
"\10.3.121.17\shared\Expense_2018_Mar.xls"
[2022/02/18 11:34:11] [cbs] [1645155222023]
new,\10.3.121.17\shared\Expense_2018_Mar.xls,12880,76800,153775315262
9,,,F
[2022/02/18 11:34:11] [info] [1645155222023] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:12] [info] [1645155222023] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:12] [info] [1645155222023] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:13] [info] [1645155222023] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:13] [info] [1645155222023] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:13] [info] [1645155222023] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:13] [info] [1645155222023] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:15] [info] [1645155222023] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:16] [info] [1645155222023] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:16] [info] [1645155222023] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:16] [info] [1645155222023] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 11:34:16] [cbs] [1645155222023]
new,\10.3.121.17\shared\IMG_0449.JPG,1442384,1442376,1518317885164,,,
F

```

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[2022/02/18 11:34:20] [info] [1645155222023] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:28] [info] [1645155222023] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:28] [info] [1645155222023] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:30] [info] [1645155222023] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:34:33] [info] [1645155222023] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:35] [info] [1645155222023] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:34:36] [info] [1645155222023] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:41] [info] [1645155222023] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:41] [info] [1645155222023] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 100% of
"\\10.3.121.17\shared\Income_2018_Mar.xls"
[2022/02/18 11:34:43] [hide] [1645155222023] Chunk:
Path="\\10.3.121.17\shared\Income_2018_Mar.xls", Offset=27552,
Length=12880, Raw Length=76800, Duplicated data ID=4,
RawChecksum=1C307A8BD46FA420, RawChecksumType=1,
BackupJob=20220218113402, BlockSeq=0, ChunkNo=4, FileID=11
[2022/02/18 11:34:43] [info] [1645155222023] Deduplication Info:
File="\\10.3.121.17\shared\Income_2018_Mar.xls", duplicated
file="\\10.3.121.17\shared\Expense_2018_Mar.xls (2022-02-18-11-34-
02)", size="76,800"
[2022/02/18 11:34:43] [cbs] [1645155222023] info,"Deduplication Info:
File=\\10.3.121.17\shared\Income_2018_Mar.xls", duplicated
file=\\10.3.121.17\shared\Expense_2018_Mar.xls (2022-02-18-11-
34-02)", size="76,800",0,0,0,,
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 11% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [cbs] [1645155222023]
new,\\10.3.121.17\shared\Income_2018_Mar.xls,12880,76800,1537753152629
,,,F
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 21% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 33% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 45% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 56% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 66% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 78% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 90% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 100% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 11:34:43] [cbs] [1645155222023]
new,\\10.3.121.17\shared\OneDrive_cloud.PNG,21632,21616,1537258459906,
,,,F
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_013.png"

```

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[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:43] [info] [1645155222023] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:44] [cbs] [1645155222023]
new, \10.3.121.17\shared\IMG_0449_0.png, 6362384, 6362372, 1537850117011,
,,F
[2022/02/18 11:34:45] [info] [1645155222023] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:34:46] [info] [1645155222023] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:46] [info] [1645155222023] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:47] [info] [1645155222023] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 11:34:51] [cbs] [1645155222023]
new, \10.3.121.17\shared\IMG_0449_013.png, 3258768, 3258758, 153785021341
7,,,F
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 11% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 21% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 31% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 41% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 51% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 61% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 71% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 82% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:51] [info] [1645155222023] [New File]... 92% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:53] [info] [1645155222023] [New File]... 100% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 11:34:53] [cbs] [1645155222023]
new, \10.3.121.17\shared\employee_list.doc, 1456848, 1707520, 15281997000
00,,,F
[2022/02/18 11:34:56] [info] [1645155222023] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:34:58] [info] [1645155222023] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:35:00] [info] [1645155222023] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:35:06] [info] [1645155222023] [New File]... 81% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:35:09] [info] [1645155222023] [New File]... 92% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 11:35:09] [info] [1645155222023] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_011.bmp"

```



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[2022/02/18 11:35:10] [cbs] [1645155222023]
new,\\10.3.121.17\shared\IMG_0449_011.bmp,2471520,17842230,15378501665
42,,,F
[2022/02/18 11:36:00] [info] [1645155222023] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/18 11:36:00] [info] [1645155222023] File:
"1645155041041/blocks/2022-02-18-11-34-02/0/000000.bak", Size:
11,140,064, OK
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"File:
\"1645155041041/blocks/2022-02-18-11-34-02/0/000000.bak\", Size:
11,140,064, OK",0,0,0,,,
[2022/02/18 11:36:00] [info] [1645155222023] File:
"1645155041041/blocks/2022-02-18-11-34-02/0/000001.bak", Size:
3,962,112, OK
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"File:
\"1645155041041/blocks/2022-02-18-11-34-02/0/000001.bak\", Size:
3,962,112, OK",0,0,0,,,
[2022/02/18 11:36:00] [info] [1645155222023] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/18 11:36:00] [info] [1645155222023] Total New Files = 12
[2022/02/18 11:36:00] [info] [1645155222023] Total New Directories = 3
[2022/02/18 11:36:00] [info] [1645155222023] Total New Links = 0
[2022/02/18 11:36:00] [info] [1645155222023] Total Updated Files = 0
[2022/02/18 11:36:00] [info] [1645155222023] Total Attributes Changed
Files = 0
[2022/02/18 11:36:00] [info] [1645155222023] Total Deleted Files = 0
[2022/02/18 11:36:00] [info] [1645155222023] Total Deleted Directories
= 0
[2022/02/18 11:36:00] [info] [1645155222023] Total Deleted Links = 0
[2022/02/18 11:36:00] [info] [1645155222023] Total Moved Files = 0
[2022/02/18 11:36:00] [info] [1645155222023] Total Dedupe Saving for
this job = 88KB
[2022/02/18 11:36:00] [info] [1645155222023] Total Backup Data Size
for this job = 29.47MB
[2022/02/18 11:36:00] [info] [1645155222023] Total Dedupe Saving for
destination = 88KB
[2022/02/18 11:36:00] [info] [1645155222023] Total Backup Data Size
for destination = 29.47MB
[2022/02/18 11:36:00] [info] [1645155222023] Start running retention
policy on backup set "BackupSet-7(1645155041041)",
"AhsayCBS(1645155222023)"
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"Start running
retention policy on backup set \"BackupSet-7(1645155041041)\",
\"AhsayCBS(1645155222023)\"...",0,0,0,,,
[2022/02/18 11:36:00] [info] [1645155222023] Start processing space
freeing up on backup set= "BackupSet-7 (1645155041041)" destination=
"AhsayCBS (1645155222023)"
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"Start processing
space freeing up on backup set= \"BackupSet-7 (1645155041041)\",
destination= \"AhsayCBS (1645155222023)\"...",0,0,0,,,
[2022/02/18 11:36:00] [info] [1645155222023] Space freeing up on
backup set= "BackupSet-7 (1645155041041)" destination= "AhsayCBS
(1645155222023)" is completed
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"Space freeing up on
backup set= \"BackupSet-7 (1645155041041)\", destination= \"AhsayCBS
(1645155222023)\" is completed",0,0,0,,,

```



```

[2022/02/18 11:36:00] [info] [1645155222023] Finished running
retention policy on backup set "BackupSet-7(1645155041041)",
"AhsayCBS(1645155222023)"
[2022/02/18 11:36:00] [cbs] [1645155222023] info,"Finished running
retention policy on backup set \"BackupSet-7(1645155041041)\",
\"AhsayCBS(1645155222023)\",0,0,0,,
[2022/02/18 11:36:01] [info] [-] Saving server information to
destination.
[2022/02/18 11:36:01] [cbs] [-] info,Saving server information to
destination.,0,0,0,,
[2022/02/18 11:36:01] [info] [1645155222023] Saving encrypted backup
file index to 1645155041041/blocks/2022-02-18-11-34-02 at destination
AhsayCBS...
[2022/02/18 11:36:01] [hide] [1645155222023] Transfer
file='1645155041041/blocks/2022-02-18-11-34-
02/index.db.21000.17f0ae6a2b0.cgz'
[2022/02/18 11:36:01] [hide] [1645155222023] Transfer
file='1645155041041/blocks/2022-02-18-11-34-02/index.db_2022-02-18-11-
34-02.chk.0.17f0ae6a2cc.cgz'
[2022/02/18 11:36:01] [hide] [1645155222023] Transfer index.metadata,
file= '1645155041041/blocks/2022-02-18-11-34-02/index.metadata.cgz'
[2022/02/18 11:36:02] [hide] [1645155222023] Transfer
file='1645155041041/blocks/2022-02-18-11-34-
02/backupInfo.db.b000.17f0ae6a2c0.cgz'
[2022/02/18 11:36:02] [info] [-] Start running post-commands
[2022/02/18 11:36:02] [cbs] [-] info,Start running post-
commands,0,0,0,,
[2022/02/18 11:36:02] [info] [-] Finished running post-commands
[2022/02/18 11:36:02] [cbs] [-] info,Finished running post-
commands,0,0,0,,
[2022/02/18 11:36:02] [info] [1645155222023] Deleting temporary file
C:\Users\user\temp\1645155041041\OBS@1645155222023
[2022/02/18 11:36:06] [info] [1645155222023] Backup Completed
Successfully
[2022/02/18 11:36:06] [cbs] [1645155222023]
end,BS_STOP_SUCCESS,0,0,0,,

```

## 2. Filter all files that **start with i**


### a. **Include them** with **Exclude all unmatched files/folders** checked

For each of the matched files/folders under top directory



☒ Include them  
☐ Exclude them

☒ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison    
☐ Regular expression (UNIX-style)

Existing patterns to match























  

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
 This PC	<input type="checkbox"/>  7_tips.pdf
 Windows-SSD (C:)	<input type="checkbox"/>  AliYun_cloud.PNG
 Network	<input type="checkbox"/>  cloud_deployement_Google.pdf
 Libraries	<input type="checkbox"/>  cloud_deployement_OneDrive.pdf
 <input checked="" type="checkbox"/> \\10.3.121.17\\shared	<input type="checkbox"/>  Company Profile.doc
	<input type="checkbox"/>  CTYun_cloud.PNG
	<input type="checkbox"/>  employee_list.doc
	<input type="checkbox"/>  Expense_2018_Mar.xls
	<input type="checkbox"/>  Google_cloud.PNG
	<input checked="" type="checkbox"/>  IMG_0449.JPG
	<input checked="" type="checkbox"/>  IMG_0449_0.png
	<input checked="" type="checkbox"/>  IMG_0449_01.gif
	<input checked="" type="checkbox"/>  IMG_0449_011.bmp
	<input checked="" type="checkbox"/>  IMG_0449_012.tif
	<input checked="" type="checkbox"/>  IMG_0449_013.png
	<input checked="" type="checkbox"/>  Income_2018_Mar.xls
	<input type="checkbox"/>  OneDrive_cloud.PNG

Explanation: All files that start with the letter i will be included in the backup. While the rest of the files will not be included in the backup but since they satisfy the filter criteria they are also greyed out.

## Backup Report:

Backup Set Settings				
Field	Value			
Backup Source	[\\10.3.121.17\shared]			
Filter	[Enabled: Yes][Name: Filter-1, Type: starts with, Top Directory: \\10.3.121.17\shared, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [*]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Days]			
Command Line Tool				
Reminder	[Computer Name: AM017L]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
5	new	\\10.3.121.17\shared\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
6	new	\\10.3.121.17\shared\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
7	new	\\10.3.121.17\shared\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
8	new	\\10.3.121.17\shared\Income_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
9	new	\\10.3.121.17\shared\IMG_0449_013.png	3.11M / 3.11M (0%)	09/25/2018 12:36
10	new	\\10.3.121.17\shared\IMG_0449_011.bmp	2.36M / 17.02M (86%)	09/25/2018 12:36

## Backup Log:

```
[2022/02/18 12:16:45] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 12:16:45] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4; Heap
Size: 76.2MB (Current) / 1.8GB (Maximum); Physical Memory: 870.5MB (Free)
/ 7.7GB (Total)
[2022/02/18 12:16:45] [cbs] [1645157767857] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 12:16:46] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/18 12:16:46] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 12:16:48] [info] [1645157767857] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/18 12:16:48] [info] [1645157767857] Using Temporary Directory
C:\Users\admin\temp\1645157220629\OBS@1645157767857
[2022/02/18 12:16:48] [cbs] [1645157767857] info,Using Temporary Directory
C:\Users\admin\temp\1645157220629\OBS@1645157767857,0,0,0,,,
[2022/02/18 12:16:50] [hide] [1645157767857] Skip run Periodic DIC since
it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 12:16:50] [info] [-] Start running pre-commands
[2022/02/18 12:16:50] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/18 12:16:50] [info] [-] Finished running pre-commands
[2022/02/18 12:16:50] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 12:16:50] [info] [1645157767857] Downloading server file
list...
[2022/02/18 12:16:51] [info] [1645157767857] Downloading server file
list... Completed
[2022/02/18 12:16:52] [info] [-] Contact your service provider to enable
[Volume Shadow Copy] support
[2022/02/18 12:16:52] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 12:16:53] [info] [1645157767857] Reading backup source from
hard disk...
[2022/02/18 12:16:53] [info] [1645157767857] [New Directory]... \\
[2022/02/18 12:16:53] [cbs] [1645157767857] new,\\,0,0,0,,,D
[2022/02/18 12:16:53] [info] [1645157767857] [New Directory]...
\\10.3.121.17
[2022/02/18 12:16:53] [cbs] [1645157767857] new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 12:16:55] [info] [1645157767857] [New Directory]...
\\10.3.121.17\shared
```

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[2022/02/18 12:16:55] [cbs] [1645157767857]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 12:16:58] [info] [1645157767857] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:16:59] [info] [1645157767857] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:16:59] [info] [1645157767857] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [info] [1645157767857] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [info] [1645157767857] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [info] [1645157767857] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [info] [1645157767857] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [info] [1645157767857] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [info] [1645157767857] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [info] [1645157767857] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:17:00] [cbs] [1645157767857]
new,\\10.3.121.17\shared\IMG_0449.JPG,1442384,1442376,1518317885164,,,F
[2022/02/18 12:17:01] [info] [1645157767857] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:01] [info] [1645157767857] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:01] [info] [1645157767857] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:02] [info] [1645157767857] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:02] [info] [1645157767857] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:03] [info] [1645157767857] Reading backup source from
hard disk... Completed
[2022/02/18 12:17:03] [info] [1645157767857] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:05] [info] [1645157767857] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:05] [info] [1645157767857] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:05] [info] [1645157767857] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:05] [info] [1645157767857] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:05] [info] [1645157767857] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:09] [info] [1645157767857] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:09] [info] [1645157767857] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:09] [info] [1645157767857] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:09] [info] [1645157767857] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:09] [info] [1645157767857] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:09] [info] [1645157767857] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:17:09] [cbs] [1645157767857]
new,\\10.3.121.17\shared\IMG_0449_01.gif,2090384,2090373,1537850140511,,,F
[2022/02/18 12:17:10] [info] [1645157767857] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:11] [info] [1645157767857] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:12] [info] [1645157767857] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_012.tif"

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```

[2022/02/18 12:17:12] [info] [1645157767857] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:12] [info] [1645157767857] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:12] [info] [1645157767857] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:17:13] [info] [1645157767857] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:13] [cbs] [1645157767857]
new,\10.3.121.17\shared\IMG_0449_0.png,6362384,6362372,1537850117011,,,F
[2022/02/18 12:17:13] [info] [1645157767857] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:13] [info] [1645157767857] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:13] [info] [1645157767857] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:14] [info] [1645157767857] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:14] [info] [1645157767857] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:15] [info] [1645157767857] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:16] [info] [1645157767857] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:16] [info] [1645157767857] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:16] [info] [1645157767857] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:17] [info] [1645157767857] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:17] [info] [1645157767857] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:17] [info] [1645157767857] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:17] [info] [1645157767857] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:17] [info] [1645157767857] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:17:17] [cbs] [1645157767857]
new,\10.3.121.17\shared\IMG_0449_012.tif,3957200,3956182,1537850187074,,,
F
[2022/02/18 12:17:17] [info] [1645157767857] [New File]... 100% of
"\10.3.121.17\shared\Income_2018_Mar.xls"
[2022/02/18 12:17:17] [cbs] [1645157767857]
new,\10.3.121.17\shared\Income_2018_Mar.xls,12880,76800,1537753152629,,,F
[2022/02/18 12:17:17] [info] [1645157767857] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:18] [info] [1645157767857] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:17:18] [cbs] [1645157767857]
new,\10.3.121.17\shared\IMG_0449_013.png,3258768,3258758,1537850213417,,,
F
[2022/02/18 12:17:18] [info] [1645157767857] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:19] [info] [1645157767857] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:23] [info] [1645157767857] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:27] [info] [1645157767857] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:31] [info] [1645157767857] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:33] [info] [1645157767857] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:35] [info] [1645157767857] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:36] [info] [1645157767857] [New File]... 81% of
"\10.3.121.17\shared\IMG_0449_011.bmp"

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[2022/02/18 12:17:39] [info] [1645157767857] [New File]... 92% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:40] [info] [1645157767857] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:17:40] [cbs] [1645157767857]
new,\10.3.121.17\shared\IMG_0449_011.bmp,2471520,17842230,1537850166542,,
,F
[2022/02/18 12:18:45] [info] [1645157767857] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/18 12:18:45] [cbs] [1645157767857] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 12:18:46] [info] [1645157767857] File:
"1645157220629/blocks/2022-02-18-12-16-44/0/000000.bak", Size: 9,974,368,
OK
[2022/02/18 12:18:46] [cbs] [1645157767857] info,"File:
\"1645157220629/blocks/2022-02-18-12-16-44/0/000000.bak\", Size:
9,974,368, OK",0,0,0,,,
[2022/02/18 12:18:46] [info] [1645157767857] File:
"1645157220629/blocks/2022-02-18-12-16-44/0/000001.bak", Size: 9,621,152,
OK
[2022/02/18 12:18:46] [cbs] [1645157767857] info,"File:
\"1645157220629/blocks/2022-02-18-12-16-44/0/000001.bak\", Size:
9,621,152, OK",0,0,0,,,
[2022/02/18 12:18:46] [info] [1645157767857] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 12:18:46] [cbs] [1645157767857] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 12:18:46] [info] [1645157767857] Total New Files = 7
[2022/02/18 12:18:46] [info] [1645157767857] Total New Directories = 3
[2022/02/18 12:18:46] [info] [1645157767857] Total New Links = 0
[2022/02/18 12:18:46] [info] [1645157767857] Total Updated Files = 0
[2022/02/18 12:18:46] [info] [1645157767857] Total Attributes Changed
Files = 0
[2022/02/18 12:18:46] [info] [1645157767857] Total Deleted Files = 0
[2022/02/18 12:18:46] [info] [1645157767857] Total Deleted Directories = 0
[2022/02/18 12:18:46] [info] [1645157767857] Total Deleted Links = 0
[2022/02/18 12:18:46] [info] [1645157767857] Total Moved Files = 0
[2022/02/18 12:18:46] [info] [1645157767857] Total Dedupe Saving for this
job = 0B
[2022/02/18 12:18:46] [info] [1645157767857] Total Backup Data Size for
this job = 33.41MB
[2022/02/18 12:18:46] [info] [1645157767857] Total Dedupe Saving for
destination = 0B
[2022/02/18 12:18:46] [info] [1645157767857] Total Backup Data Size for
destination = 33.41MB
[2022/02/18 12:18:46] [info] [1645157767857] Start running retention
policy on backup set "b1(1645157220629)", "AhsayCBS(1645157767857)"
[2022/02/18 12:18:46] [cbs] [1645157767857] info,"Start running retention
policy on backup set \"b1(1645157220629)\",
\"AhsayCBS(1645157767857)\",0,0,0,,,
[2022/02/18 12:18:46] [info] [1645157767857] Start processing space
freeing up on backup set= "b1 (1645157220629)" destination= "AhsayCBS
(1645157767857)"
[2022/02/18 12:18:46] [cbs] [1645157767857] info,"Start processing space
freeing up on backup set= \"b1 (1645157220629)\" destination= \"AhsayCBS
(1645157767857)\",0,0,0,,,
[2022/02/18 12:18:46] [info] [1645157767857] Space freeing up on backup
set= "b1 (1645157220629)" destination= "AhsayCBS (1645157767857)" is
completed
[2022/02/18 12:18:46] [cbs] [1645157767857] info,"Space freeing up on
backup set= \"b1 (1645157220629)\" destination= \"AhsayCBS
(1645157767857)\" is completed",0,0,0,,,
[2022/02/18 12:18:46] [info] [1645157767857] Finished running retention
policy on backup set "b1(1645157220629)", "AhsayCBS(1645157767857)"
[2022/02/18 12:18:46] [cbs] [1645157767857] info,"Finished running
retention policy on backup set \"b1(1645157220629)\",
\"AhsayCBS(1645157767857)\",0,0,0,,,
[2022/02/18 12:18:47] [info] [-] Saving server information to destination.

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[2022/02/18 12:18:47] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 12:18:47] [info] [1645157767857] Saving encrypted backup file
index to 1645157220629/blocks/2022-02-18-12-16-44 at destination
AhsayCBS...
[2022/02/18 12:18:47] [hide] [1645157767857] Transfer
file='1645157220629/blocks/2022-02-18-12-16-
44/index.db.21000.17f0b0dcb74.cgz'
[2022/02/18 12:18:48] [hide] [1645157767857] Transfer
file='1645157220629/blocks/2022-02-18-12-16-44/index.db_2022-02-18-12-16-
44.chk.0.17f0b0dcb95.cgz'
[2022/02/18 12:18:48] [hide] [1645157767857] Transfer index.metadata,
file= '1645157220629/blocks/2022-02-18-12-16-44/index.metadata.cgz'
[2022/02/18 12:18:48] [hide] [1645157767857] Transfer
file='1645157220629/blocks/2022-02-18-12-16-
44/backupInfo.db.b000.17f0b0dcb83.cgz'
[2022/02/18 12:18:48] [info] [-] Start running post-commands
[2022/02/18 12:18:48] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/18 12:18:48] [info] [-] Finished running post-commands
[2022/02/18 12:18:48] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 12:18:48] [info] [1645157767857] Deleting temporary file
C:\Users\admin\temp\1645157220629\OBS@1645157767857
[2022/02/18 12:18:55] [info] [1645157767857] Backup Completed Successfully
[2022/02/18 12:18:55] [cbs] [1645157767857] end,BS_STOP_SUCCESS,0,0,0,,,

```

- b. **Include them** with **Exclude all unmatched files/folders** unchecked

For each of the matched files/folders under top directory



☒ Include them  
☐ Exclude them

☐ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison starts with ▼  
☐ Regular expression (UNIX-style)

Existing patterns to match























 i 

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
 This PC	<input type="checkbox"/>  7_tips.pdf
 Windows-SSD (C:)	<input type="checkbox"/>  AliYun_cloud.PNG
 Network	<input type="checkbox"/>  cloud_deployement_Google.pdf
 Libraries	<input type="checkbox"/>  cloud_deployement_OneDrive.pdf
 \\10.3.121.17\shared	<input type="checkbox"/>  Company Profile.doc
	<input type="checkbox"/>  CTYun_cloud.PNG
	<input type="checkbox"/>  employee_list.doc
	<input type="checkbox"/>  Expense_2018_Mar.xls
	<input type="checkbox"/>  Google_cloud.PNG
	<input checked="" type="checkbox"/>  IMG_0449.JPG
	<input checked="" type="checkbox"/>  IMG_0449_0.png
	<input checked="" type="checkbox"/>  IMG_0449_01.gif
	<input checked="" type="checkbox"/>  IMG_0449_011.bmp
	<input checked="" type="checkbox"/>  IMG_0449_012.tif
	<input checked="" type="checkbox"/>  IMG_0449_013.png
	<input checked="" type="checkbox"/>  Income_2018_Mar.xls
	<input type="checkbox"/>  OneDrive_cloud.PNG

Explanation: All the files that start with the letter i will be included in the backup. Since the Exclude all unmatched files/folders was not checked, all the other files do not match the criteria so they are not greyed out.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: starts with, Top Directory: \\10.3.121.17\shared, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [d]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
5	new	\\10.3.121.17\shared\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
6	new	\\10.3.121.17\shared\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
7	new	\\10.3.121.17\shared\IMG_0449_013.png	3.11M / 3.11M (0%)	09/25/2018 12:36
8	new	\\10.3.121.17\shared\Income_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
9	new	\\10.3.121.17\shared\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
10	new	\\10.3.121.17\shared\IMG_0449_011.bmp	2.36M / 17.02M (86%)	09/25/2018 12:36

## Backup Log:

```
[2022/02/18 12:27:20] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 12:27:20] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 74.1MB (Current) / 1.8GB (Maximum); Physical Memory:
772.5MB (Free) / 7.7GB (Total)
[2022/02/18 12:27:20] [cbs] [1645158423463] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 12:27:20] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 12:27:20] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 12:27:21] [info] [1645158423463] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 12:27:21] [info] [1645158423463] Using Temporary Directory
C:\Users\admin\temp\1645158122064\OBS@1645158423463
[2022/02/18 12:27:21] [cbs] [1645158423463] info,Using Temporary
Directory C:\Users\admin\temp\1645158122064\OBS@1645158423463,0,0,0,,,
[2022/02/18 12:27:23] [hide] [1645158423463] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 12:27:23] [info] [-] Start running pre-commands
[2022/02/18 12:27:23] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 12:27:23] [info] [-] Finished running pre-commands
[2022/02/18 12:27:23] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 12:27:23] [info] [1645158423463] Downloading server file
list...
[2022/02/18 12:27:24] [info] [1645158423463] Downloading server file
list... Completed
[2022/02/18 12:27:25] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 12:27:25] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 12:27:25] [info] [1645158423463] Reading backup source
from hard disk...
[2022/02/18 12:27:26] [info] [1645158423463] [New Directory]... \\
[2022/02/18 12:27:26] [cbs] [1645158423463] new,\\,0,0,0,,,D
[2022/02/18 12:27:26] [info] [1645158423463] [New Directory]...
\\10.3.121.17
```

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[2022/02/18 12:27:26] [cbs] [1645158423463]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 12:27:28] [info] [1645158423463] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 12:27:28] [cbs] [1645158423463]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 12:27:30] [info] [1645158423463] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:30] [info] [1645158423463] Reading backup source
from hard disk... Completed
[2022/02/18 12:27:31] [info] [1645158423463] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:31] [info] [1645158423463] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 12:27:33] [cbs] [1645158423463]
new,\\10.3.121.17\shared\IMG_0449.JPG,1442384,1442376,1518317885164,,,
F
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:33] [info] [1645158423463] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:37] [info] [1645158423463] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:37] [info] [1645158423463] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:37] [info] [1645158423463] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:40] [info] [1645158423463] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:27:41] [info] [1645158423463] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:41] [info] [1645158423463] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:43] [info] [1645158423463] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:27:44] [info] [1645158423463] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:44] [info] [1645158423463] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:44] [info] [1645158423463] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 12:27:44] [cbs] [1645158423463]
new,\\10.3.121.17\shared\IMG_0449_01.gif,2090384,2090373,1537850140511
,,,F
[2022/02/18 12:27:44] [info] [1645158423463] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:27:44] [info] [1645158423463] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:27:47] [info] [1645158423463] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_0.png"

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[2022/02/18 12:27:52] [info] [1645158423463] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:27:52] [info] [1645158423463] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:27:53] [info] [1645158423463] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:27:53] [info] [1645158423463] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:27:58] [info] [1645158423463] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:27:58] [info] [1645158423463] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:28:00] [info] [1645158423463] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:28:01] [info] [1645158423463] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:28:03] [info] [1645158423463] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:28:04] [info] [1645158423463] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 12:28:04] [info] [1645158423463] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:04] [info] [1645158423463] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:04] [info] [1645158423463] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:04] [info] [1645158423463] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:04] [cbs] [1645158423463]
new,\10.3.121.17\shared\IMG_0449_0.png,6362384,6362372,1537850117011,
,,F
[2022/02/18 12:28:05] [info] [1645158423463] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:28:06] [info] [1645158423463] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:06] [info] [1645158423463] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 12:28:09] [cbs] [1645158423463]
new,\10.3.121.17\shared\IMG_0449_013.png,3258768,3258758,153785021341
7,,,F
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 100% of
"\10.3.121.17\shared\Income_2018_Mar.xls"
[2022/02/18 12:28:09] [cbs] [1645158423463]
new,\10.3.121.17\shared\Income_2018_Mar.xls,12880,76800,1537753152629
,,,F
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:09] [info] [1645158423463] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:12] [info] [1645158423463] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:28:13] [info] [1645158423463] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_012.tif"

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[2022/02/18 12:28:13] [info] [1645158423463] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:17] [info] [1645158423463] [New File]... 81% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:28:18] [info] [1645158423463] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:18] [info] [1645158423463] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:18] [info] [1645158423463] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:21] [info] [1645158423463] [New File]... 92% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:28:21] [info] [1645158423463] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 12:28:21] [info] [1645158423463] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:21] [info] [1645158423463] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 12:28:21] [cbs] [1645158423463]
new,\10.3.121.17\shared\IMG_0449_012.tif,3957200,3956182,153785018707
4,,,F
[2022/02/18 12:28:21] [cbs] [1645158423463]
new,\10.3.121.17\shared\IMG_0449_011.bmp,2471520,17842230,15378501665
42,,,F
[2022/02/18 12:29:21] [info] [1645158423463] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\""...",0,0,0,,,
[2022/02/18 12:29:21] [info] [1645158423463] File:
"1645158122064/blocks/2022-02-18-12-27-18/0/000000.bak", Size:
17,124,000, OK
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"File:
\"1645158122064/blocks/2022-02-18-12-27-18/0/000000.bak\", Size:
17,124,000, OK",0,0,0,,,
[2022/02/18 12:29:21] [info] [1645158423463] File:
"1645158122064/blocks/2022-02-18-12-27-18/0/000001.bak", Size:
2,471,520, OK
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"File:
\"1645158122064/blocks/2022-02-18-12-27-18/0/000001.bak\", Size:
2,471,520, OK",0,0,0,,,
[2022/02/18 12:29:21] [info] [1645158423463] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""...",0,0,0,,,
[2022/02/18 12:29:21] [info] [1645158423463] Total New Files = 7
[2022/02/18 12:29:21] [info] [1645158423463] Total New Directories = 3
[2022/02/18 12:29:21] [info] [1645158423463] Total New Links = 0
[2022/02/18 12:29:21] [info] [1645158423463] Total Updated Files = 0
[2022/02/18 12:29:21] [info] [1645158423463] Total Attributes Changed
Files = 0
[2022/02/18 12:29:21] [info] [1645158423463] Total Deleted Files = 0
[2022/02/18 12:29:21] [info] [1645158423463] Total Deleted Directories
= 0
[2022/02/18 12:29:21] [info] [1645158423463] Total Deleted Links = 0
[2022/02/18 12:29:21] [info] [1645158423463] Total Moved Files = 0
[2022/02/18 12:29:21] [info] [1645158423463] Total Dedupe Saving for
this job = 0B
[2022/02/18 12:29:21] [info] [1645158423463] Total Backup Data Size
for this job = 33.41MB
[2022/02/18 12:29:21] [info] [1645158423463] Total Dedupe Saving for
destination = 0B

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[2022/02/18 12:29:21] [info] [1645158423463] Total Backup Data Size
for destination = 33.41MB
[2022/02/18 12:29:21] [info] [1645158423463] Start running retention
policy on backup set "b2(1645158122064)", "AhsayCBS(1645158423463)"
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"Start running
retention policy on backup set \"b2(1645158122064)\",
\"AhsayCBS(1645158423463)\",0,0,0,,,
[2022/02/18 12:29:21] [info] [1645158423463] Start processing space
freeing up on backup set= "b2 (1645158122064)" destination= "AhsayCBS
(1645158423463)"
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"Start processing
space freeing up on backup set= \"b2 (1645158122064)\", destination=
\"AhsayCBS (1645158423463)\",0,0,0,,,
[2022/02/18 12:29:21] [info] [1645158423463] Space freeing up on
backup set= "b2 (1645158122064)" destination= "AhsayCBS
(1645158423463)" is completed
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"Space freeing up on
backup set= \"b2 (1645158122064)\", destination= \"AhsayCBS
(1645158423463)\", is completed",0,0,0,,,
[2022/02/18 12:29:21] [info] [1645158423463] Finished running
retention policy on backup set "b2(1645158122064)",
"AhsayCBS(1645158423463)"
[2022/02/18 12:29:21] [cbs] [1645158423463] info,"Finished running
retention policy on backup set \"b2(1645158122064)\",
\"AhsayCBS(1645158423463)\",0,0,0,,,
[2022/02/18 12:29:22] [info] [-] Saving server information to
destination.
[2022/02/18 12:29:22] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 12:29:22] [info] [1645158423463] Saving encrypted backup
file index to 1645158122064/blocks/2022-02-18-12-27-18 at destination
AhsayCBS...
[2022/02/18 12:29:22] [hide] [1645158423463] Transfer
file='1645158122064/blocks/2022-02-18-12-27-
18/index.db.21000.17f0b177b54.cgz'
[2022/02/18 12:29:22] [hide] [1645158423463] Transfer
file='1645158122064/blocks/2022-02-18-12-27-18/index.db_2022-02-18-12-
27-18.chk.0.17f0b177b64.cgz'
[2022/02/18 12:29:22] [hide] [1645158423463] Transfer index.metadata,
file= '1645158122064/blocks/2022-02-18-12-27-18/index.metadata.cgz'
[2022/02/18 12:29:23] [hide] [1645158423463] Transfer
file='1645158122064/blocks/2022-02-18-12-27-
18/backupInfo.db.b000.17f0b177b5e.cgz'
[2022/02/18 12:29:23] [info] [-] Start running post-commands
[2022/02/18 12:29:23] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/18 12:29:23] [info] [-] Finished running post-commands
[2022/02/18 12:29:23] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 12:29:23] [info] [1645158423463] Deleting temporary file
C:\Users\admin\temp\1645158122064\OBS@1645158423463
[2022/02/18 12:29:27] [info] [1645158423463] Backup Completed
Successfully
[2022/02/18 12:29:27] [cbs] [1645158423463]
end,BS_STOP_SUCCESS,0,0,0,,,

```

c. **Exclude them with Include all unmatched files/folders** unchecked

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☐ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison  ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only

The result is:

Advanced Backup Source	
Folders	Name
<input checked="" type="checkbox"/> This PC	<input type="checkbox"/> 7_tips.pdf
<input checked="" type="checkbox"/> Windows-SSD (C:)	<input type="checkbox"/> AliYun_cloud.PNG
<input checked="" type="checkbox"/> Network	<input type="checkbox"/> cloud_deployement_Google.pdf
<input checked="" type="checkbox"/> Libraries	<input type="checkbox"/> cloud_deployement_OneDrive.pdf
<input checked="" type="checkbox"/> \\10.3.121.17\shared	<input type="checkbox"/> Company Profile.doc
	<input type="checkbox"/> CTYun_cloud.PNG
	<input type="checkbox"/> employee_list.doc
	<input type="checkbox"/> Expense_2018_Mar.xls
	<input type="checkbox"/> Google_cloud.PNG
	<input type="checkbox"/> IMG_0449.JPG
	<input type="checkbox"/> IMG_0449_0.png
	<input type="checkbox"/> IMG_0449_01.gif
	<input type="checkbox"/> IMG_0449_011.bmp
	<input type="checkbox"/> IMG_0449_012.tif
	<input type="checkbox"/> IMG_0449_013.png
	<input type="checkbox"/> Income_2018_Mar.xls
	<input type="checkbox"/> OneDrive_cloud.PNG

Explanation: All the files that start with letter i will not be included in the backup since the filter criteria is to exclude them. And since the **Include all unmatched files/folders** was left unchecked the rest of the files will also not be included in the backup and since it does not match the criteria it will not be greyed out.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: starts with, Top Directory: \\10.3.121.17\shared, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [i]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
-----	------	------------	------	---------------

## Backup Log:

```
[2022/02/18 12:38:29] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 12:38:29] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 282.4MB (Current) / 1.8GB (Maximum); Physical Memory:
636.1MB (Free) / 7.7GB (Total)
[2022/02/18 12:38:29] [cbs] [1645159093669] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 12:38:29] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 12:38:29] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 12:38:31] [info] [1645159093669] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 12:38:31] [info] [1645159093669] Using Temporary Directory
C:\Users\admin\temp\1645158650422\OBS@1645159093669
[2022/02/18 12:38:31] [cbs] [1645159093669] info,Using Temporary
Directory C:\Users\admin\temp\1645158650422\OBS@1645159093669,0,0,0,,,
[2022/02/18 12:38:32] [hide] [1645159093669] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 12:38:32] [info] [-] Start running pre-commands
[2022/02/18 12:38:32] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 12:38:32] [info] [-] Finished running pre-commands
[2022/02/18 12:38:32] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 12:38:32] [info] [1645159093669] Downloading server file
list...
[2022/02/18 12:38:33] [info] [1645159093669] Downloading server file
list... Completed
[2022/02/18 12:38:34] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 12:38:34] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 12:38:34] [info] [1645159093669] Reading backup source
from hard disk...
[2022/02/18 12:38:34] [info] [1645159093669] Reading backup source
from hard disk... Completed
[2022/02/18 12:38:35] [info] [1645159093669] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 12:38:35] [cbs] [1645159093669] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\""...",0,0,0,,,
[2022/02/18 12:38:35] [info] [1645159093669] This backup job has no
backup data in destination "AhsayCBS"
[2022/02/18 12:38:35] [cbs] [1645159093669] info,"This backup job has
no backup data in destination \"AhsayCBS\""...",0,0,0,,,
```

```

[2022/02/18 12:38:35] [info] [1645159093669] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 12:38:35] [cbs] [1645159093669] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""",0,0,0,,,
[2022/02/18 12:38:35] [info] [1645159093669] Total New Files = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total New Directories = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total New Links = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total Updated Files = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total Attributes Changed
Files = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total Deleted Files = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total Deleted Directories
= 0
[2022/02/18 12:38:35] [info] [1645159093669] Total Deleted Links = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total Moved Files = 0
[2022/02/18 12:38:35] [info] [1645159093669] Total Dedupe Saving for
this job = 0B
[2022/02/18 12:38:35] [info] [1645159093669] Total Backup Data Size
for this job = 0B
[2022/02/18 12:38:35] [info] [1645159093669] Total Dedupe Saving for
destination = 0B
[2022/02/18 12:38:35] [info] [1645159093669] Total Backup Data Size
for destination = 0B
[2022/02/18 12:38:35] [info] [1645159093669] Start running retention
policy on backup set "b3(1645158650422)", "AhsayCBS(1645159093669)"
[2022/02/18 12:38:35] [cbs] [1645159093669] info,"Start running
retention policy on backup set \"b3(1645158650422)\",
\"AhsayCBS(1645159093669)\\""",0,0,0,,,
[2022/02/18 12:38:35] [info] [1645159093669] Start processing space
freeing up on backup set= "b3 (1645158650422)" destination= "AhsayCBS
(1645159093669)"
[2022/02/18 12:38:35] [cbs] [1645159093669] info,"Start processing
space freeing up on backup set= \"b3 (1645158650422)\\" destination=
\"AhsayCBS (1645159093669)\\""",0,0,0,,,
[2022/02/18 12:38:35] [info] [1645159093669] Space freeing up on
backup set= "b3 (1645158650422)" destination= "AhsayCBS
(1645159093669)" is completed
[2022/02/18 12:38:35] [cbs] [1645159093669] info,"Space freeing up on
backup set= \"b3 (1645158650422)\\" destination= \"AhsayCBS
(1645159093669)\\" is completed",0,0,0,,,
[2022/02/18 12:38:35] [info] [1645159093669] Finished running
retention policy on backup set "b3(1645158650422)",
"AhsayCBS(1645159093669)"
[2022/02/18 12:38:35] [cbs] [1645159093669] info,"Finished running
retention policy on backup set \"b3(1645158650422)\",
\"AhsayCBS(1645159093669)\\""",0,0,0,,,
[2022/02/18 12:38:35] [info] [-] Saving server information to
destination.
[2022/02/18 12:38:35] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 12:38:35] [info] [1645159093669] Saving encrypted backup
file index to 1645158650422/blocks/2022-02-18-12-38-28 at destination
AhsayCBS...
[2022/02/18 12:38:35] [hide] [1645159093669] Transfer
file='1645158650422/blocks/2022-02-18-12-38-
28/index.db.21000.17f0b1fec57.cgz'
[2022/02/18 12:38:35] [hide] [1645159093669] Transfer
file='1645158650422/blocks/2022-02-18-12-38-28/index.db_2022-02-18-12-
38-28.chk.0.17f0b1fec6b.cgz'
[2022/02/18 12:38:36] [hide] [1645159093669] Transfer index.metadata,
file= '1645158650422/blocks/2022-02-18-12-38-28/index.metadata.cgz'

```

```
[2022/02/18 12:38:36] [hide] [1645159093669] Transfer
file='1645158650422/blocks/2022-02-18-12-38-
28/backupInfo.db.b000.17f0b1fec63.cgz'
[2022/02/18 12:38:36] [info] [-] Start running post-commands
[2022/02/18 12:38:36] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/18 12:38:36] [info] [-] Finished running post-commands
[2022/02/18 12:38:36] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 12:38:36] [info] [1645159093669] Deleting temporary file
C:\Users\admin\temp\1645158650422\OBS@1645159093669
[2022/02/18 12:38:38] [info] [1645159093669] Backup Completed
Successfully
[2022/02/18 12:38:38] [cbs] [1645159093669]
end,BS_STOP_SUCCESS,0,0,0,,,
```

d. **Exclude them with Include all unmatched files/folders** checked

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☒ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison  ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
<input checked="" type="checkbox"/> This PC	<input checked="" type="checkbox"/> 7_tips.pdf
<input checked="" type="checkbox"/> Windows-SSD (C:)	<input checked="" type="checkbox"/> AliYun_cloud.PNG
<input checked="" type="checkbox"/> Network	<input checked="" type="checkbox"/> cloud_deployement_Google.pdf
<input checked="" type="checkbox"/> Libraries	<input checked="" type="checkbox"/> cloud_deployement_OneDrive.pdf
<input checked="" type="checkbox"/> \\10.3.121.17\\shared	<input checked="" type="checkbox"/> Company Profile.doc
	<input checked="" type="checkbox"/> CTYun_cloud.PNG
	<input checked="" type="checkbox"/> employee_list.doc
	<input checked="" type="checkbox"/> Expense_2018_Mar.xls
	<input checked="" type="checkbox"/> Google_cloud.PNG
	<input type="checkbox"/> IMG_0449.JPG
	<input type="checkbox"/> IMG_0449_0.png
	<input type="checkbox"/> IMG_0449_01.gif
	<input type="checkbox"/> IMG_0449_011.bmp
	<input type="checkbox"/> IMG_0449_012.tif
	<input type="checkbox"/> IMG_0449_013.png
	<input type="checkbox"/> Income_2018_Mar.xls
	<input checked="" type="checkbox"/> OneDrive_cloud.PNG

Explanation: All the files that start with the letter i will not be included in the backup. Since the **Include all unmatched files/folders** was checked, the rest of the files will be included in the backup.



## Backup Report:

Backup Set Settings

Field	Value
Backup Source	[\\10.3.121.17\shared]
Filter	[Enabled: Yes][Name: Filter-1, Type: starts with, Top Directory: \\10.3.121.17\shared, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [d]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\CTYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
5	new	\\10.3.121.17\shared\AliYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
6	new	\\10.3.121.17\shared\Company Profile.doc	47K / 70K (32%)	07/19/2018 16:05
7	new	\\10.3.121.17\shared\Google_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
8	new	\\10.3.121.17\shared\Expense_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
9	new	\\10.3.121.17\shared\OneDrive_cloud.PNG	21K / 21K (0%)	09/18/2018 16:14
10	new	\\10.3.121.17\shared\7_tips.pdf	3.77M / 4.04M (6%)	08/06/2021 11:29
11	new	\\10.3.121.17\shared\employee_list.doc	1.39M / 1.63M (14%)	06/05/2018 19:55
12	new	\\10.3.121.17\shared\cloud_deployment_OneDrive.pdf	895K / 1.01M (13%)	09/14/2018 15:14
13	new	\\10.3.121.17\shared\cloud_deployment_Google.pdf	895K / 1.01M (13%)	09/14/2018 15:14

## Backup Log:

```
[2022/02/18 14:21:35] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 14:21:35] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 56.1MB (Current) / 1.8GB (Maximum); Physical Memory:
683.9MB (Free) / 7.7GB (Total)
[2022/02/18 14:21:35] [cbs] [1645165279806] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 14:21:35] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 14:21:35] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 14:21:36] [info] [1645165279806] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 14:21:36] [info] [1645165279806] Using Temporary Directory
C:\Users\admin\temp\1645164880824\OBS@1645165279806
[2022/02/18 14:21:36] [cbs] [1645165279806] info,Using Temporary
Directory C:\Users\admin\temp\1645164880824\OBS@1645165279806,0,0,0,,,
[2022/02/18 14:21:38] [hide] [1645165279806] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 14:21:38] [info] [-] Start running pre-commands
[2022/02/18 14:21:38] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 14:21:38] [info] [-] Finished running pre-commands
[2022/02/18 14:21:38] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 14:21:38] [info] [1645165279806] Downloading server file
list...
[2022/02/18 14:21:39] [info] [1645165279806] Downloading server file
list... Completed
[2022/02/18 14:21:40] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 14:21:40] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 14:21:40] [info] [1645165279806] Reading backup source
from hard disk...
[2022/02/18 14:21:41] [info] [1645165279806] [New Directory]... \\
[2022/02/18 14:21:41] [cbs] [1645165279806] new,\\,0,0,0,,,D
```

```

[2022/02/18 14:21:41] [info] [1645165279806] [New Directory]...
\\10.3.121.17
[2022/02/18 14:21:41] [cbs] [1645165279806]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 14:21:42] [info] [1645165279806] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 14:21:42] [cbs] [1645165279806]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 11% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 22% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 33% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 44% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 55% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 66% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 78% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 89% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 100% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:21:43] [cbs] [1645165279806]
new,\\10.3.121.17\shared\CTYun_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 11% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 22% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 33% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 44% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 55% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 66% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 78% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 89% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 100% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:21:43] [hide] [1645165279806] Chunk:
Path="\\10.3.121.17\shared\AliYun_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220218142134, BlockSeq=0, ChunkNo=1,
FileID=3
[2022/02/18 14:21:43] [info] [1645165279806] Deduplication Info:
File="\\10.3.121.17\shared\AliYun_cloud.PNG", duplicated
file="\\10.3.121.17\shared\CTYun_cloud.PNG (2022-02-18-14-21-34)",
size="13,768"
[2022/02/18 14:21:43] [cbs] [1645165279806] info,"Deduplication Info:
File="\\10.3.121.17\shared\AliYun_cloud.PNG", duplicated
file="\\10.3.121.17\shared\CTYun_cloud.PNG (2022-02-18-14-21-
34)", size="13,768","",0,0,0,,,
[2022/02/18 14:21:43] [cbs] [1645165279806]
new,\\10.3.121.17\shared\AliYun_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 45% of
"\\10.3.121.17\shared\Company Profile.doc"

```

```

[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 68% of
"\\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 100% of
"\\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 14:21:43] [cbs] [1645165279806]
new,\\10.3.121.17\shared\Company
Profile.doc,48208,71680,1531987501233,,,F
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 11% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 22% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 33% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 44% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 55% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 66% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 78% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 89% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [info] [1645165279806] [New File]... 100% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:21:43] [hide] [1645165279806] Chunk:
Path="\\10.3.121.17\shared\Google_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220218142134, BlockSeq=0, ChunkNo=1,
FileID=5
[2022/02/18 14:21:43] [info] [1645165279806] Deduplication Info:
File="\\10.3.121.17\shared\Google_cloud.PNG", duplicated
file="\\10.3.121.17\shared\CTYun_cloud.PNG (2022-02-18-14-21-34)",
size="13,768"
[2022/02/18 14:21:43] [cbs] [1645165279806] info,"Deduplication Info:
File="\\10.3.121.17\shared\Google_cloud.PNG", duplicated
file="\\10.3.121.17\shared\CTYun_cloud.PNG (2022-02-18-14-21-
34)", size="13,768","",0,0,0,,,
[2022/02/18 14:21:43] [cbs] [1645165279806]
new,\\10.3.121.17\shared\Google_cloud.PNG,13776,13768,1537255780683,,,
F
[2022/02/18 14:21:45] [info] [1645165279806] [New File]... 10% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:47] [info] [1645165279806] Reading backup source
from hard disk... Completed
[2022/02/18 14:21:47] [info] [1645165279806] [New File]... 20% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:47] [info] [1645165279806] [New File]... 30% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:47] [info] [1645165279806] [New File]... 100% of
"\\10.3.121.17\shared\Expense_2018_Mar.xls"
[2022/02/18 14:21:47] [cbs] [1645165279806]
new,\\10.3.121.17\shared\Expense_2018_Mar.xls,12880,76800,153775315262
9,,,F
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 40% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 11% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 21% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 33% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 45% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"

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[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 56% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 66% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 78% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 90% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [info] [1645165279806] [New File]... 100% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:21:49] [cbs] [1645165279806]
new,\\10.3.121.17\shared\OneDrive_cloud.PNG,21632,21616,1537258459906,
,,F
[2022/02/18 14:21:52] [info] [1645165279806] [New File]... 50% of
"\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:52] [info] [1645165279806] [New File]... 60% of
"\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:52] [info] [1645165279806] [New File]... 70% of
"\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:52] [info] [1645165279806] [New File]... 80% of
"\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:53] [info] [1645165279806] [New File]... 90% of
"\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:53] [info] [1645165279806] [New File]... 100% of
"\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 14:21:53] [cbs] [1645165279806]
new,\\10.3.121.17\shared\7_tips.pdf,3948816,4238624,1628220561736,,,F
[2022/02/18 14:21:54] [info] [1645165279806] [New File]... 11% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:55] [info] [1645165279806] [New File]... 21% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:56] [info] [1645165279806] [New File]... 31% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:56] [info] [1645165279806] [New File]... 41% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:56] [info] [1645165279806] [New File]... 51% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:56] [info] [1645165279806] [New File]... 61% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:56] [info] [1645165279806] [New File]... 71% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:57] [info] [1645165279806] [New File]... 82% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:57] [info] [1645165279806] [New File]... 92% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:57] [info] [1645165279806] [New File]... 100% of
"\10.3.121.17\shared\employee_list.doc"
[2022/02/18 14:21:57] [cbs] [1645165279806]
new,\\10.3.121.17\shared\employee_list.doc,1456848,1707520,15281997000
00,,,F
[2022/02/18 14:21:57] [info] [1645165279806] [New File]... 10% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:57] [info] [1645165279806] [New File]... 20% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:57] [info] [1645165279806] [New File]... 10% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:57] [info] [1645165279806] [New File]... 20% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 30% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 40% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 30% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"

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[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 40% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 51% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 61% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 72% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 83% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 97% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [info] [1645165279806] [New File]... 100% of
"\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:21:58] [cbs] [1645165279806]
new,\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf,916656,1059298,1
536909278178,,,F
[2022/02/18 14:21:59] [info] [1645165279806] [New File]... 51% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:59] [info] [1645165279806] [New File]... 61% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:59] [info] [1645165279806] [New File]... 72% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:59] [info] [1645165279806] [New File]... 83% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:59] [info] [1645165279806] [New File]... 97% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:59] [info] [1645165279806] [New File]... 100% of
"\\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:21:59] [hide] [1645165279806] Chunk:
Path="\\10.3.121.17\shared\cloud_deployement_Google.pdf",
Offset=4010800, Length=916656, Raw Length=1059298, Duplicated data
ID=7, RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220218142134, BlockSeq=0, ChunkNo=7, FileID=11
[2022/02/18 14:21:59] [info] [1645165279806] Deduplication Info:
File="\\10.3.121.17\shared\cloud_deployement_Google.pdf", duplicated
file="\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf (2022-02-18-
14-21-34)", size="1,059,298"
[2022/02/18 14:21:59] [cbs] [1645165279806] info,"Deduplication Info:
File="\\10.3.121.17\shared\cloud_deployement_Google.pdf",
duplicated
file="\\10.3.121.17\shared\cloud_deployement_OneDrive.pdf (2022-02-
18-14-21-34)", size="1,059,298",0,0,0,,,
[2022/02/18 14:21:59] [cbs] [1645165279806]
new,\\10.3.121.17\shared\cloud_deployement_Google.pdf,916656,1059298,153
6909278178,,,F
[2022/02/18 14:22:13] [info] [1645165279806] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"Start validating the
presence and size of backup data in destination
\\AhsayCBS"...",0,0,0,,,
[2022/02/18 14:22:13] [info] [1645165279806] File:
"1645164880824/blocks/2022-02-18-14-21-34/0/000000.bak", Size:
4,927,456, OK
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"File:
\\1645164880824/blocks/2022-02-18-14-21-34/0/000000.bak", Size:
4,927,456, OK",0,0,0,,,
[2022/02/18 14:22:13] [info] [1645165279806] File:
"1645164880824/blocks/2022-02-18-14-21-34/0/000001.bak", Size:
1,491,360, OK
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"File:
\\1645164880824/blocks/2022-02-18-14-21-34/0/000001.bak", Size:
1,491,360, OK",0,0,0,,,

```



```

[2022/02/18 14:22:13] [info] [1645165279806] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""",0,0,0,,,
[2022/02/18 14:22:13] [info] [1645165279806] Total New Files = 10
[2022/02/18 14:22:13] [info] [1645165279806] Total New Directories = 3
[2022/02/18 14:22:13] [info] [1645165279806] Total New Links = 0
[2022/02/18 14:22:13] [info] [1645165279806] Total Updated Files = 0
[2022/02/18 14:22:13] [info] [1645165279806] Total Attributes Changed
Files = 0
[2022/02/18 14:22:13] [info] [1645165279806] Total Deleted Files = 0
[2022/02/18 14:22:13] [info] [1645165279806] Total Deleted Directories
= 0
[2022/02/18 14:22:13] [info] [1645165279806] Total Deleted Links = 0
[2022/02/18 14:22:13] [info] [1645165279806] Total Moved Files = 0
[2022/02/18 14:22:13] [info] [1645165279806] Total Dedupe Saving for
this job = 1.04MB
[2022/02/18 14:22:13] [info] [1645165279806] Total Backup Data Size
for this job = 7.89MB
[2022/02/18 14:22:13] [info] [1645165279806] Total Dedupe Saving for
destination = 1.04MB
[2022/02/18 14:22:13] [info] [1645165279806] Total Backup Data Size
for destination = 7.89MB
[2022/02/18 14:22:13] [info] [1645165279806] Start running retention
policy on backup set "b4(1645164880824)", "AhsayCBS(1645165279806)"
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"Start running
retention policy on backup set \"b4(1645164880824)\",
\"AhsayCBS(1645165279806)\\""",0,0,0,,,
[2022/02/18 14:22:13] [info] [1645165279806] Start processing space
freeing up on backup set= "b4 (1645164880824)" destination= "AhsayCBS
(1645165279806)"
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"Start processing
space freeing up on backup set= \"b4 (1645164880824)\\" destination=
\"AhsayCBS (1645165279806)\\""",0,0,0,,,
[2022/02/18 14:22:13] [info] [1645165279806] Space freeing up on
backup set= "b4 (1645164880824)" destination= "AhsayCBS
(1645165279806)" is completed
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"Space freeing up on
backup set= \"b4 (1645164880824)\\" destination= \"AhsayCBS
(1645165279806)\\" is completed",0,0,0,,,
[2022/02/18 14:22:13] [info] [1645165279806] Finished running
retention policy on backup set "b4(1645164880824)",
"AhsayCBS(1645165279806)"
[2022/02/18 14:22:13] [cbs] [1645165279806] info,"Finished running
retention policy on backup set \"b4(1645164880824)\",
\"AhsayCBS(1645165279806)\\""",0,0,0,,,
[2022/02/18 14:22:14] [info] [-] Saving server information to
destination.
[2022/02/18 14:22:14] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 14:22:14] [info] [1645165279806] Saving encrypted backup
file index to 1645164880824/blocks/2022-02-18-14-21-34 at destination
AhsayCBS...
[2022/02/18 14:22:14] [hide] [1645165279806] Transfer
file='1645164880824/blocks/2022-02-18-14-21-
34/index.db.21000.17f0b7ecfbf.cgz'
[2022/02/18 14:22:14] [hide] [1645165279806] Transfer
file='1645164880824/blocks/2022-02-18-14-21-34/index.db_2022-02-18-14-
21-34.chk.0.17f0b7ecfdb.cgz'
[2022/02/18 14:22:14] [hide] [1645165279806] Transfer index.metadata,
file= '1645164880824/blocks/2022-02-18-14-21-34/index.metadata.cgz'

```



```
[2022/02/18 14:22:14] [hide] [1645165279806] Transfer
file='1645164880824/blocks/2022-02-18-14-21-
34/backupInfo.db.b000.17f0b7ecfcf.cgz'
[2022/02/18 14:22:15] [info] [-] Start running post-commands
[2022/02/18 14:22:15] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/18 14:22:15] [info] [-] Finished running post-commands
[2022/02/18 14:22:15] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 14:22:15] [info] [1645165279806] Deleting temporary file
C:\Users\admin\temp\1645164880824\OBS@1645165279806
[2022/02/18 14:22:17] [info] [1645165279806] Backup Completed
Successfully
[2022/02/18 14:22:17] [cbs] [1645165279806]
end,BS_STOP_SUCCESS,0,0,0,,,
```

### 3. Filter files that contains 'cloud'

#### a. Include them with Exclude all unmatched files/folders unchecked

For each of the matched files/folders under top directory

☒ Include them  
☐ Exclude them

☐ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison   
☐ Regular expression (UNIX-style)

Existing patterns to match

☒ cloud

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
<input checked="" type="checkbox"/> This PC	<input type="checkbox"/> 7_tips.pdf
<input checked="" type="checkbox"/> Windows-SSD (C:)	<input checked="" type="checkbox"/> AliYun_cloud.PNG
<input checked="" type="checkbox"/> Network	<input checked="" type="checkbox"/> cloud_deployement_Google.pdf
<input checked="" type="checkbox"/> Libraries	<input checked="" type="checkbox"/> cloud_deployement_OneDrive.pdf
<input checked="" type="checkbox"/> \\10.3.121.17\\shared	<input type="checkbox"/> Company Profile.doc
	<input checked="" type="checkbox"/> CTYun_cloud.PNG
	<input type="checkbox"/> employee_list.doc
	<input type="checkbox"/> Expense_2018_Mar.xls
	<input checked="" type="checkbox"/> Google_cloud.PNG
	<input type="checkbox"/> IMG_0449.JPG
	<input type="checkbox"/> IMG_0449_0.png
	<input type="checkbox"/> IMG_0449_01.gif
	<input type="checkbox"/> IMG_0449_011.bmp
	<input type="checkbox"/> IMG_0449_012.tif
	<input type="checkbox"/> IMG_0449_013.png
	<input type="checkbox"/> Income_2018_Mar.xls
	<input checked="" type="checkbox"/> OneDrive_cloud.PNG

Explanation: All files that contains the word cloud is included in the backup. Since the **Exclude all unmatched files/folders** was not checked then the rest of the files is not greyed out and will also not be included in the backup.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: contain, Top Directory: \\10.3.121.17\shared, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\Google_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
5	new	\\10.3.121.17\shared\AliYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
6	new	\\10.3.121.17\shared\CTYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
7	new	\\10.3.121.17\shared\OneDrive_cloud.PNG	21K / 21K (0%)	09/18/2018 16:14
8	new	\\10.3.121.17\shared\cloud_deployment_Google.pdf	895K / 1.01M (13%)	09/14/2018 15:14
9	new	\\10.3.121.17\shared\cloud_deployment_OneDrive.pdf	895K / 1.01M (13%)	09/14/2018 15:14

## Backup Log:

```
[2022/02/18 14:40:50] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 14:40:50] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 254.4MB (Current) / 1.8GB (Maximum); Physical Memory: 1.1GB
(Free) / 7.7GB (Total)
[2022/02/18 14:40:50] [cbs] [1645166423983] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 14:40:50] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 14:40:50] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 14:40:52] [info] [1645166423983] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 14:40:52] [info] [1645166423983] Using Temporary Directory
C:\Users\admin\temp\1645166156685\OBS@1645166423983
[2022/02/18 14:40:52] [cbs] [1645166423983] info,Using Temporary
Directory C:\Users\admin\temp\1645166156685\OBS@1645166423983,0,0,0,,,
[2022/02/18 14:40:54] [hide] [1645166423983] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 14:40:54] [info] [-] Start running pre-commands
[2022/02/18 14:40:54] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 14:40:54] [info] [-] Finished running pre-commands
[2022/02/18 14:40:54] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 14:40:54] [info] [1645166423983] Downloading server file
list...
[2022/02/18 14:40:54] [info] [1645166423983] Downloading server file
list... Completed
[2022/02/18 14:40:55] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 14:40:55] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 14:40:57] [info] [1645166423983] Reading backup source
from hard disk...
[2022/02/18 14:40:57] [info] [1645166423983] [New Directory]... \\
[2022/02/18 14:40:57] [cbs] [1645166423983] new,\\,0,0,0,,,D
[2022/02/18 14:40:57] [info] [1645166423983] [New Directory]...
\\10.3.121.17
```

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[2022/02/18 14:40:57] [cbs] [1645166423983]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 14:41:00] [info] [1645166423983] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 14:41:00] [cbs] [1645166423983]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 11% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 22% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 33% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 44% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 55% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 66% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 78% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 89% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 100% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:41:01] [cbs] [1645166423983]
new,\\10.3.121.17\shared\Google_cloud.PNG,13776,13768,1537255780683,,,
F
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 11% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 22% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 33% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 44% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 55% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 66% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 78% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 89% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 100% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:41:01] [hide] [1645166423983] Chunk:
Path="\\10.3.121.17\shared\AliYun_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220218144049, BlockSeq=0, ChunkNo=1,
FileID=3
[2022/02/18 14:41:01] [info] [1645166423983] Deduplication Info:
File="\\10.3.121.17\shared\AliYun_cloud.PNG", duplicated
file="\\10.3.121.17\shared\Google_cloud.PNG (2022-02-18-14-40-49)",
size="13,768"
[2022/02/18 14:41:01] [cbs] [1645166423983] info,"Deduplication Info:
File="\\\\10.3.121.17\\shared\\AliYun_cloud.PNG", duplicated
file="\\\\10.3.121.17\\shared\\Google_cloud.PNG (2022-02-18-14-40-
49)", size="13,768""",0,0,0,,,
[2022/02/18 14:41:01] [cbs] [1645166423983]
new,\\10.3.121.17\shared\AliYun_cloud.PNG,13776,13768,1537255780683,,,
F
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 11% of
"\\10.3.121.17\shared\CTYun_cloud.PNG"

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[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 22% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 33% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 44% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 55% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 66% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 78% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 89% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [info] [1645166423983] [New File]... 100% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:41:01] [hide] [1645166423983] Chunk:
Path="\10.3.121.17\shared\CTYun_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220218144049, BlockSeq=0, ChunkNo=1,
FileID=4
[2022/02/18 14:41:01] [info] [1645166423983] Deduplication Info:
File="\10.3.121.17\shared\CTYun_cloud.PNG", duplicated
file="\10.3.121.17\shared\Google_cloud.PNG (2022-02-18-14-40-49)",
size="13,768"
[2022/02/18 14:41:01] [cbs] [1645166423983] info,"Deduplication Info:
File="\10.3.121.17\shared\CTYun_cloud.PNG", duplicated
file="\10.3.121.17\shared\Google_cloud.PNG (2022-02-18-14-40-
49)", size="13,768",0,0,0,,
[2022/02/18 14:41:01] [cbs] [1645166423983]
new,\10.3.121.17\shared\CTYun_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/18 14:41:01] [info] [1645166423983] Reading backup source
from hard disk... Completed
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 11% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 21% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 33% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 45% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 56% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 66% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 78% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 90% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [info] [1645166423983] [New File]... 100% of
"\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:41:02] [cbs] [1645166423983]
new,\10.3.121.17\shared\OneDrive_cloud.PNG,21632,21616,1537258459906,
,,F
[2022/02/18 14:41:06] [info] [1645166423983] [New File]... 10% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:06] [info] [1645166423983] [New File]... 20% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:07] [info] [1645166423983] [New File]... 30% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:07] [info] [1645166423983] [New File]... 40% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:08] [info] [1645166423983] [New File]... 51% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"

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[2022/02/18 14:41:08] [info] [1645166423983] [New File]... 61% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:08] [info] [1645166423983] [New File]... 72% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:08] [info] [1645166423983] [New File]... 83% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:08] [info] [1645166423983] [New File]... 97% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:08] [info] [1645166423983] [New File]... 100% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:41:08] [cbs] [1645166423983]
new, \10.3.121.17\shared\cloud_deployement_Google.pdf, 916656, 1059298, 153
6909278178, , , F
[2022/02/18 14:41:09] [info] [1645166423983] [New File]... 10% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:09] [info] [1645166423983] [New File]... 20% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:09] [info] [1645166423983] [New File]... 30% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:09] [info] [1645166423983] [New File]... 40% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:10] [info] [1645166423983] [New File]... 51% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:10] [info] [1645166423983] [New File]... 61% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:10] [info] [1645166423983] [New File]... 72% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:10] [info] [1645166423983] [New File]... 83% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:10] [info] [1645166423983] [New File]... 97% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:10] [info] [1645166423983] [New File]... 100% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:41:10] [hide] [1645166423983] Chunk:
Path="\10.3.121.17\shared\cloud_deployement_OneDrive.pdf",
Offset=35408, Length=916656, Raw Length=1059298, Duplicated data ID=3,
RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220218144049, BlockSeq=0, ChunkNo=3, FileID=7
[2022/02/18 14:41:10] [info] [1645166423983] Deduplication Info:
File="\10.3.121.17\shared\cloud_deployement_OneDrive.pdf", duplicated
file="\10.3.121.17\shared\cloud_deployement_Google.pdf (2022-02-18-14-
40-49)", size="1,059,298"
[2022/02/18 14:41:10] [cbs] [1645166423983] info, "Deduplication Info:
File="\10.3.121.17\shared\cloud_deployement_OneDrive.pdf",
duplicated file="\10.3.121.17\shared\cloud_deployement_Google.pdf
(2022-02-18-14-40-49)", size="1,059,298", 0, 0, 0, , ,
[2022/02/18 14:41:10] [cbs] [1645166423983]
new, \10.3.121.17\shared\cloud_deployement_OneDrive.pdf, 916656, 1059298, 1
536909278178, , , F
[2022/02/18 14:41:14] [info] [1645166423983] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 14:41:14] [cbs] [1645166423983] info, "Start validating the
presence and size of backup data in destination
\"AhsayCBS\"... ", 0, 0, 0, , ,
[2022/02/18 14:41:14] [info] [1645166423983] File:
"1645166156685/blocks/2022-02-18-14-40-49/0/000000.bak", Size:
952,064, OK
[2022/02/18 14:41:14] [cbs] [1645166423983] info, "File:
\"1645166156685/blocks/2022-02-18-14-40-49/0/000000.bak\", Size:
952,064, OK", 0, 0, 0, , ,
[2022/02/18 14:41:14] [info] [1645166423983] Finished validating the
presence and size of backup data in destination "AhsayCBS"

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[2022/02/18 14:41:14] [cbs] [1645166423983] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""",0,0,0,,,
[2022/02/18 14:41:14] [info] [1645166423983] Total New Files = 6
[2022/02/18 14:41:14] [info] [1645166423983] Total New Directories = 3
[2022/02/18 14:41:14] [info] [1645166423983] Total New Links = 0
[2022/02/18 14:41:14] [info] [1645166423983] Total Updated Files = 0
[2022/02/18 14:41:14] [info] [1645166423983] Total Attributes Changed
Files = 0
[2022/02/18 14:41:14] [info] [1645166423983] Total Deleted Files = 0
[2022/02/18 14:41:14] [info] [1645166423983] Total Deleted Directories
= 0
[2022/02/18 14:41:14] [info] [1645166423983] Total Deleted Links = 0
[2022/02/18 14:41:14] [info] [1645166423983] Total Moved Files = 0
[2022/02/18 14:41:14] [info] [1645166423983] Total Dedupe Saving for
this job = 1.04MB
[2022/02/18 14:41:14] [info] [1645166423983] Total Backup Data Size
for this job = 2.08MB
[2022/02/18 14:41:14] [info] [1645166423983] Total Dedupe Saving for
destination = 1.04MB
[2022/02/18 14:41:14] [info] [1645166423983] Total Backup Data Size
for destination = 2.08MB
[2022/02/18 14:41:14] [info] [1645166423983] Start running retention
policy on backup set "b5(1645166156685)", "AhsayCBS(1645166423983)"
[2022/02/18 14:41:14] [cbs] [1645166423983] info,"Start running
retention policy on backup set \"b5(1645166156685)\",
\"AhsayCBS(1645166423983)\",0,0,0,,,
[2022/02/18 14:41:14] [info] [1645166423983] Start processing space
freeing up on backup set= "b5 (1645166156685)" destination= "AhsayCBS
(1645166423983)"
[2022/02/18 14:41:14] [cbs] [1645166423983] info,"Start processing
space freeing up on backup set= \"b5 (1645166156685)\" destination=
\"AhsayCBS (1645166423983)\",0,0,0,,,
[2022/02/18 14:41:14] [info] [1645166423983] Space freeing up on
backup set= "b5 (1645166156685)" destination= "AhsayCBS
(1645166423983)" is completed
[2022/02/18 14:41:14] [cbs] [1645166423983] info,"Space freeing up on
backup set= \"b5 (1645166156685)\" destination= \"AhsayCBS
(1645166423983)\" is completed",0,0,0,,,
[2022/02/18 14:41:14] [info] [1645166423983] Finished running
retention policy on backup set "b5(1645166156685)",
"AhsayCBS(1645166423983)"
[2022/02/18 14:41:14] [cbs] [1645166423983] info,"Finished running
retention policy on backup set \"b5(1645166156685)\",
\"AhsayCBS(1645166423983)\",0,0,0,,,
[2022/02/18 14:41:15] [info] [-] Saving server information to
destination.
[2022/02/18 14:41:15] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 14:41:15] [info] [1645166423983] Saving encrypted backup
file index to 1645166156685/blocks/2022-02-18-14-40-49 at destination
AhsayCBS...
[2022/02/18 14:41:15] [hide] [1645166423983] Transfer
file='1645166156685/blocks/2022-02-18-14-40-
49/index.db.21000.17f0b9038b9.cgz'
[2022/02/18 14:41:15] [hide] [1645166423983] Transfer
file='1645166156685/blocks/2022-02-18-14-40-49/index.db_2022-02-18-14-
40-49.chk.0.17f0b9038d2.cgz'
[2022/02/18 14:41:15] [hide] [1645166423983] Transfer index.metadata,
file= '1645166156685/blocks/2022-02-18-14-40-49/index.metadata.cgz'
[2022/02/18 14:41:16] [hide] [1645166423983] Transfer
file='1645166156685/blocks/2022-02-18-14-40-
49/backupInfo.db.b000.17f0b9038c7.cgz'
[2022/02/18 14:41:16] [info] [-] Start running post-commands

```

```
[2022/02/18 14:41:16] [cbs] [-] info,Start running post-  
commands,0,0,0,,,  
[2022/02/18 14:41:16] [info] [-] Finished running post-commands  
[2022/02/18 14:41:16] [cbs] [-] info,Finished running post-  
commands,0,0,0,,,  
[2022/02/18 14:41:16] [info] [1645166423983] Deleting temporary file  
C:\Users\admin\temp\1645166156685\OBS@1645166423983  
[2022/02/18 14:41:19] [info] [1645166423983] Backup Completed  
Successfully  
[2022/02/18 14:41:19] [cbs] [1645166423983]  
end,BS_STOP_SUCCESS,0,0,0,,,
```

- b. **Include them** with **Exclude all unmatched files/folders** checked

For each of the matched files/folders under top directory

☒ Include them  
☐ Exclude them

☒ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison   
☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives  
☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

Advanced Backup Source	
Folders	Name
This PC	<input type="checkbox"/> 7_tips.pdf
Windows-SSD (C:)	<input checked="" type="checkbox"/> AliYun_cloud.PNG
Network	<input checked="" type="checkbox"/> cloud_deployement_Google.pdf
Libraries	<input checked="" type="checkbox"/> cloud_deployement_OneDrive.pdf
\\10.3.121.17\shared	<input type="checkbox"/> Company Profile.doc
	<input checked="" type="checkbox"/> CTYun_cloud.PNG
	<input type="checkbox"/> employee_list.doc
	<input type="checkbox"/> Expense_2018_Mar.xls
	<input checked="" type="checkbox"/> Google_cloud.PNG
	<input type="checkbox"/> IMG_0449.JPG
	<input type="checkbox"/> IMG_0449_0.png
	<input type="checkbox"/> IMG_0449_01.gif
	<input type="checkbox"/> IMG_0449_011.bmp
	<input type="checkbox"/> IMG_0449_012.tif
	<input type="checkbox"/> IMG_0449_013.png
	<input type="checkbox"/> Income_2018_Mar.xls
	<input checked="" type="checkbox"/> OneDrive_cloud.PNG

Explanation: All files that contain the word cloud will be included in the backup. Since the **Exclude all unmatched files/folders** was checked, the rest of the files will not be included in the backup but they will be greyed out since they match the filter criteria.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	[\\10.3.121.17\shared]
Filter	[Enabled: Yes][Name: Filter-1, Type: contain, Top Directory: \\10.3.121.17\shared, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\AliYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
5	new	\\10.3.121.17\shared\OneDrive_cloud.PNG	21K / 21K (0%)	09/18/2018 16:14
6	new	\\10.3.121.17\shared\Google_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
7	new	\\10.3.121.17\shared\CTYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
8	new	\\10.3.121.17\shared\cloud_deployment_Google.pdf	895K / 1.01M (13%)	09/14/2018 15:14
9	new	\\10.3.121.17\shared\cloud_deployment_OneDrive.pdf	895K / 1.01M (13%)	09/14/2018 15:14

## Backup Log:

```
[2022/02/18 14:54:40] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 14:54:40] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 189.9MB (Current) / 1.8GB (Maximum); Physical Memory: 1.1GB
(Free) / 7.7GB (Total)
[2022/02/18 14:54:40] [cbs] [1645167264381] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 14:54:40] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 14:54:40] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 14:54:42] [info] [1645167264381] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 14:54:42] [info] [1645167264381] Using Temporary Directory
C:\Users\admin\temp\1645166552224\OBS@1645167264381
[2022/02/18 14:54:42] [cbs] [1645167264381] info,Using Temporary
Directory C:\Users\admin\temp\1645166552224\OBS@1645167264381,0,0,0,,,
[2022/02/18 14:54:44] [hide] [1645167264381] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 14:54:44] [info] [-] Start running pre-commands
[2022/02/18 14:54:44] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 14:54:44] [info] [-] Finished running pre-commands
[2022/02/18 14:54:44] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 14:54:44] [info] [1645167264381] Downloading server file
list...
[2022/02/18 14:54:44] [info] [1645167264381] Downloading server file
list... Completed
[2022/02/18 14:54:45] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 14:54:45] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 14:54:46] [info] [1645167264381] Reading backup source
from hard disk...
[2022/02/18 14:54:47] [info] [1645167264381] [New Directory]... \\
[2022/02/18 14:54:47] [cbs] [1645167264381] new,\\,0,0,0,,,D
[2022/02/18 14:54:47] [info] [1645167264381] [New Directory]...
\\10.3.121.17
```

```

[2022/02/18 14:54:47] [cbs] [1645167264381]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 14:54:48] [info] [1645167264381] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 14:54:48] [cbs] [1645167264381]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 11% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 22% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 33% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 44% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 55% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 66% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 78% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 89% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [info] [1645167264381] [New File]... 100% of
"\\10.3.121.17\shared\AliYun_cloud.PNG"
[2022/02/18 14:54:48] [cbs] [1645167264381]
new,\\10.3.121.17\shared\AliYun_cloud.PNG,13776,13768,1537255780683,,,
F
[2022/02/18 14:54:49] [info] [1645167264381] Reading backup source
from hard disk... Completed
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 11% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 21% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 33% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 45% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 56% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 66% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 78% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 90% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 100% of
"\\10.3.121.17\shared\OneDrive_cloud.PNG"
[2022/02/18 14:54:49] [cbs] [1645167264381]
new,\\10.3.121.17\shared\OneDrive_cloud.PNG,21632,21616,1537258459906,
,,F
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 11% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 22% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 33% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 44% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 55% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 66% of
"\\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 78% of
"\\10.3.121.17\shared\Google_cloud.PNG"

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[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 89% of
"\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 100% of
"\10.3.121.17\shared\Google_cloud.PNG"
[2022/02/18 14:54:49] [hide] [1645167264381] Chunk:
Path="\10.3.121.17\shared\Google_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220218145439, BlockSeq=0, ChunkNo=1,
FileID=4
[2022/02/18 14:54:49] [info] [1645167264381] Deduplication Info:
File="\10.3.121.17\shared\Google_cloud.PNG", duplicated
file="\10.3.121.17\shared\AliYun_cloud.PNG (2022-02-18-14-54-39)",
size="13,768"
[2022/02/18 14:54:49] [cbs] [1645167264381] info,"Deduplication Info:
File="\10.3.121.17\shared\Google_cloud.PNG", duplicated
file="\10.3.121.17\shared\AliYun_cloud.PNG (2022-02-18-14-54-
39)", size="\13,768\"",0,0,0,,,
[2022/02/18 14:54:49] [cbs] [1645167264381]
new,\10.3.121.17\shared\Google_cloud.PNG,13776,13768,1537255780683,,,
F
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 11% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 22% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 33% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 44% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 55% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 66% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 78% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 89% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [info] [1645167264381] [New File]... 100% of
"\10.3.121.17\shared\CTYun_cloud.PNG"
[2022/02/18 14:54:49] [hide] [1645167264381] Chunk:
Path="\10.3.121.17\shared\CTYun_cloud.PNG", Offset=0, Length=13776,
Raw Length=13768, Duplicated data ID=1, RawChecksum=790714970D7B66BA,
RawChecksumType=1, BackupJob=20220218145439, BlockSeq=0, ChunkNo=1,
FileID=5
[2022/02/18 14:54:49] [info] [1645167264381] Deduplication Info:
File="\10.3.121.17\shared\CTYun_cloud.PNG", duplicated
file="\10.3.121.17\shared\AliYun_cloud.PNG (2022-02-18-14-54-39)",
size="13,768"
[2022/02/18 14:54:49] [cbs] [1645167264381] info,"Deduplication Info:
File="\10.3.121.17\shared\CTYun_cloud.PNG", duplicated
file="\10.3.121.17\shared\AliYun_cloud.PNG (2022-02-18-14-54-
39)", size="\13,768\"",0,0,0,,,
[2022/02/18 14:54:49] [cbs] [1645167264381]
new,\10.3.121.17\shared\CTYun_cloud.PNG,13776,13768,1537255780683,,,F
[2022/02/18 14:54:53] [info] [1645167264381] [New File]... 10% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:53] [info] [1645167264381] [New File]... 20% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:53] [info] [1645167264381] [New File]... 30% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:53] [info] [1645167264381] [New File]... 40% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 51% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"

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[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 61% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 72% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 83% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 97% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 100% of
"\10.3.121.17\shared\cloud_deployement_Google.pdf"
[2022/02/18 14:54:54] [cbs] [1645167264381]
new, \10.3.121.17\shared\cloud_deployement_Google.pdf, 916656, 1059298, 153
6909278178, , , F
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 10% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 20% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 30% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:54] [info] [1645167264381] [New File]... 40% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:55] [info] [1645167264381] [New File]... 51% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:55] [info] [1645167264381] [New File]... 61% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:55] [info] [1645167264381] [New File]... 72% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:55] [info] [1645167264381] [New File]... 83% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:55] [info] [1645167264381] [New File]... 97% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:55] [info] [1645167264381] [New File]... 100% of
"\10.3.121.17\shared\cloud_deployement_OneDrive.pdf"
[2022/02/18 14:54:55] [hide] [1645167264381] Chunk:
Path="\10.3.121.17\shared\cloud_deployement_OneDrive.pdf",
Offset=35408, Length=916656, Raw Length=1059298, Duplicated data ID=3,
RawChecksum=39FE6DB7D2B867C2, RawChecksumType=1,
BackupJob=20220218145439, BlockSeq=0, ChunkNo=3, FileID=7
[2022/02/18 14:54:55] [info] [1645167264381] Deduplication Info:
File="\10.3.121.17\shared\cloud_deployement_OneDrive.pdf", duplicated
file="\10.3.121.17\shared\cloud_deployement_Google.pdf (2022-02-18-14-
54-39)", size="1,059,298"
[2022/02/18 14:54:55] [cbs] [1645167264381] info, "Deduplication Info:
File="\10.3.121.17\shared\cloud_deployement_OneDrive.pdf",
duplicated file="\10.3.121.17\shared\cloud_deployement_Google.pdf
(2022-02-18-14-54-39)", size="\1,059,298", 0,0,0, , ,
[2022/02/18 14:54:55] [cbs] [1645167264381]
new, \10.3.121.17\shared\cloud_deployement_OneDrive.pdf, 916656, 1059298, 1
536909278178, , , F
[2022/02/18 14:54:59] [info] [1645167264381] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 14:54:59] [cbs] [1645167264381] info, "Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...", 0,0,0, , ,
[2022/02/18 14:54:59] [info] [1645167264381] File:
"1645166552224/blocks/2022-02-18-14-54-39/0/000000.bak", Size:
952,064, OK
[2022/02/18 14:54:59] [cbs] [1645167264381] info, "File:
\"1645166552224/blocks/2022-02-18-14-54-39/0/000000.bak\", Size:
952,064, OK", 0,0,0, , ,
[2022/02/18 14:54:59] [info] [1645167264381] Finished validating the
presence and size of backup data in destination "AhsayCBS"

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[2022/02/18 14:54:59] [cbs] [1645167264381] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""",0,0,0,,,
[2022/02/18 14:54:59] [info] [1645167264381] Total New Files = 6
[2022/02/18 14:54:59] [info] [1645167264381] Total New Directories = 3
[2022/02/18 14:54:59] [info] [1645167264381] Total New Links = 0
[2022/02/18 14:54:59] [info] [1645167264381] Total Updated Files = 0
[2022/02/18 14:54:59] [info] [1645167264381] Total Attributes Changed
Files = 0
[2022/02/18 14:54:59] [info] [1645167264381] Total Deleted Files = 0
[2022/02/18 14:54:59] [info] [1645167264381] Total Deleted Directories
= 0
[2022/02/18 14:54:59] [info] [1645167264381] Total Deleted Links = 0
[2022/02/18 14:54:59] [info] [1645167264381] Total Moved Files = 0
[2022/02/18 14:54:59] [info] [1645167264381] Total Dedupe Saving for
this job = 1.04MB
[2022/02/18 14:54:59] [info] [1645167264381] Total Backup Data Size
for this job = 2.08MB
[2022/02/18 14:54:59] [info] [1645167264381] Total Dedupe Saving for
destination = 1.04MB
[2022/02/18 14:54:59] [info] [1645167264381] Total Backup Data Size
for destination = 2.08MB
[2022/02/18 14:54:59] [info] [1645167264381] Start running retention
policy on backup set "b6(1645166552224)", "AhsayCBS(1645167264381)"
[2022/02/18 14:54:59] [cbs] [1645167264381] info,"Start running
retention policy on backup set \"b6(1645166552224)\",
\"AhsayCBS(1645167264381)\""",0,0,0,,,
[2022/02/18 14:54:59] [info] [1645167264381] Start processing space
freeing up on backup set= "b6 (1645166552224)" destination= "AhsayCBS
(1645167264381)"
[2022/02/18 14:54:59] [cbs] [1645167264381] info,"Start processing
space freeing up on backup set= \"b6 (1645166552224)\" destination=
\"AhsayCBS (1645167264381)\""",0,0,0,,,
[2022/02/18 14:54:59] [info] [1645167264381] Space freeing up on
backup set= "b6 (1645166552224)" destination= "AhsayCBS
(1645167264381)" is completed
[2022/02/18 14:54:59] [cbs] [1645167264381] info,"Space freeing up on
backup set= \"b6 (1645166552224)\" destination= \"AhsayCBS
(1645167264381)\" is completed",0,0,0,,,
[2022/02/18 14:54:59] [info] [1645167264381] Finished running
retention policy on backup set "b6(1645166552224)",
"AhsayCBS(1645167264381)"
[2022/02/18 14:54:59] [cbs] [1645167264381] info,"Finished running
retention policy on backup set \"b6(1645166552224)\",
\"AhsayCBS(1645167264381)\""",0,0,0,,,
[2022/02/18 14:54:59] [info] [-] Saving server information to
destination.
[2022/02/18 14:54:59] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 14:54:59] [info] [1645167264381] Saving encrypted backup
file index to 1645166552224/blocks/2022-02-18-14-54-39 at destination
AhsayCBS...
[2022/02/18 14:54:59] [hide] [1645167264381] Transfer
file='1645166552224/blocks/2022-02-18-14-54-
39/index.db.21000.17f0b9ccd7b.cgz'
[2022/02/18 14:55:00] [hide] [1645167264381] Transfer
file='1645166552224/blocks/2022-02-18-14-54-39/index.db_2022-02-18-14-
54-39.chk.0.17f0b9ccd96.cgz'
[2022/02/18 14:55:00] [hide] [1645167264381] Transfer index.metadata,
file= '1645166552224/blocks/2022-02-18-14-54-39/index.metadata.cgz'
[2022/02/18 14:55:00] [hide] [1645167264381] Transfer
file='1645166552224/blocks/2022-02-18-14-54-
39/backupInfo.db.b000.17f0b9ccd8b.cgz'
[2022/02/18 14:55:00] [info] [-] Start running post-commands

```

```
[2022/02/18 14:55:00] [cbs] [-] info,Start running post-  
commands,0,0,0,,,  
[2022/02/18 14:55:00] [info] [-] Finished running post-commands  
[2022/02/18 14:55:00] [cbs] [-] info,Finished running post-  
commands,0,0,0,,,  
[2022/02/18 14:55:00] [info] [1645167264381] Deleting temporary file  
C:\Users\admin\temp\1645166552224\OBS@1645167264381  
[2022/02/18 14:55:03] [info] [1645167264381] Backup Completed  
Successfully  
[2022/02/18 14:55:03] [cbs] [1645167264381]  
end,BS_STOP_SUCCESS,0,0,0,,,
```

c. **Exclude them with Include all unmatched files/folders** unchecked

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☐ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison

☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

☐ This share requires access credentials

The result is:

## Advanced Backup Source

Folders	Name
<input checked="" type="checkbox"/> This PC	<input type="checkbox"/> 7_tips.pdf
<input type="checkbox"/> Windows-SSD (C:)	<input type="checkbox"/> AliYun_cloud.PNG
<input type="checkbox"/> shared (\\10.3.121.17)	<input type="checkbox"/> cloud_deployement_Google.pdf
<input type="checkbox"/> Network	<input type="checkbox"/> cloud_deployement_OneDrive.pdf
<input type="checkbox"/> Libraries	<input type="checkbox"/> Company Profile.doc
	<input type="checkbox"/> CTYun_cloud.PNG
	<input type="checkbox"/> employee_list.doc
	<input type="checkbox"/> Expense_2018_Mar.xls
	<input type="checkbox"/> Google_cloud.PNG
	<input type="checkbox"/> IMG_0449.JPG
	<input type="checkbox"/> IMG_0449_0.png
	<input type="checkbox"/> IMG_0449_01.gif
	<input type="checkbox"/> IMG_0449_011.bmp
	<input type="checkbox"/> IMG_0449_012.tif
	<input type="checkbox"/> IMG_0449_013.png
	<input type="checkbox"/> Income_2018_Mar.xls
	<input type="checkbox"/> OneDrive_cloud.PNG

Explanation: All the files that contain the word cloud will not be included in the backup. Since the **Include all unmatched files/folders** is left unchecked, the rest of the files will also not be included in the backup and they will not be greyed out since they do not match the criteria.

## Backup Report:

Backup Set Settings	
Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: contain, Top Directory: \\10.3.121.17\shared\, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified

## Backup Log:

```
[2022/02/18 15:55:23] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 15:55:23] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 77.2MB (Current) / 1.8GB (Maximum); Physical Memory:
948.4MB (Free) / 7.7GB (Total)
[2022/02/18 15:55:23] [cbs] [1645170880217] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 15:55:23] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 15:55:23] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 15:55:25] [info] [1645170880217] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
[2022/02/18 15:55:25] [info] [1645170880217] Using Temporary Directory
C:\Users\user\temp\1645170847706\OBS@1645170880217
[2022/02/18 15:55:25] [cbs] [1645170880217] info,Using Temporary
Directory C:\Users\user\temp\1645170847706\OBS@1645170880217,0,0,0,,,
[2022/02/18 15:55:26] [hide] [1645170880217] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 15:55:26] [info] [-] Start running pre-commands
[2022/02/18 15:55:26] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 15:55:26] [info] [-] Finished running pre-commands
[2022/02/18 15:55:26] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 15:55:26] [info] [1645170880217] Downloading server file
list...
[2022/02/18 15:55:27] [info] [1645170880217] Downloading server file
list... Completed
[2022/02/18 15:55:28] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 15:55:28] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 15:55:28] [info] [1645170880217] Reading backup source
from hard disk...
[2022/02/18 15:55:28] [info] [1645170880217] Reading backup source
from hard disk... Completed
[2022/02/18 15:55:29] [info] [1645170880217] Start validating the
presence and size of backup data in destination "AhsayCBS"...
[2022/02/18 15:55:29] [cbs] [1645170880217] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\""...",0,0,0,,,
[2022/02/18 15:55:29] [info] [1645170880217] This backup job has no
backup data in destination "AhsayCBS"
[2022/02/18 15:55:29] [cbs] [1645170880217] info,"This backup job has
no backup data in destination \"AhsayCBS\""...",0,0,0,,,
```

```

[2022/02/18 15:55:29] [info] [1645170880217] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 15:55:29] [cbs] [1645170880217] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\""",0,0,0,,,
[2022/02/18 15:55:29] [info] [1645170880217] Total New Files = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total New Directories = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total New Links = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total Updated Files = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total Attributes Changed
Files = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total Deleted Files = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total Deleted Directories
= 0
[2022/02/18 15:55:29] [info] [1645170880217] Total Deleted Links = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total Moved Files = 0
[2022/02/18 15:55:29] [info] [1645170880217] Total Dedupe Saving for
this job = 0B
[2022/02/18 15:55:29] [info] [1645170880217] Total Backup Data Size
for this job = 0B
[2022/02/18 15:55:29] [info] [1645170880217] Total Dedupe Saving for
destination = 0B
[2022/02/18 15:55:29] [info] [1645170880217] Total Backup Data Size
for destination = 0B
[2022/02/18 15:55:29] [info] [1645170880217] Start running retention
policy on backup set "b4(1645170847706)", "AhsayCBS(1645170880217)"
[2022/02/18 15:55:29] [cbs] [1645170880217] info,"Start running
retention policy on backup set \"b4(1645170847706)\",
\"AhsayCBS(1645170880217)\\""",0,0,0,,,
[2022/02/18 15:55:29] [info] [1645170880217] Start processing space
freeing up on backup set= "b4 (1645170847706)" destination= "AhsayCBS
(1645170880217)"
[2022/02/18 15:55:29] [cbs] [1645170880217] info,"Start processing
space freeing up on backup set= \"b4 (1645170847706)\\" destination=
\"AhsayCBS (1645170880217)\\""",0,0,0,,,
[2022/02/18 15:55:29] [info] [1645170880217] Space freeing up on
backup set= "b4 (1645170847706)" destination= "AhsayCBS
(1645170880217)" is completed
[2022/02/18 15:55:29] [cbs] [1645170880217] info,"Space freeing up on
backup set= \"b4 (1645170847706)\\" destination= \"AhsayCBS
(1645170880217)\\" is completed",0,0,0,,,
[2022/02/18 15:55:29] [info] [1645170880217] Finished running
retention policy on backup set "b4(1645170847706)",
"AhsayCBS(1645170880217)"
[2022/02/18 15:55:29] [cbs] [1645170880217] info,"Finished running
retention policy on backup set \"b4(1645170847706)\",
\"AhsayCBS(1645170880217)\\""",0,0,0,,,
[2022/02/18 15:55:29] [info] [-] Saving server information to
destination.
[2022/02/18 15:55:29] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 15:55:29] [info] [1645170880217] Saving encrypted backup
file index to 1645170847706/blocks/2022-02-18-15-55-22 at destination
AhsayCBS...
[2022/02/18 15:55:29] [hide] [1645170880217] Transfer
file='1645170847706/blocks/2022-02-18-15-55-
22/index.db.21000.17f0bd42f50.cgz'
[2022/02/18 15:55:29] [hide] [1645170880217] Transfer
file='1645170847706/blocks/2022-02-18-15-55-22/index.db_2022-02-18-15-
55-22.chk.0.17f0bd42f6d.cgz'
[2022/02/18 15:55:29] [hide] [1645170880217] Transfer index.metadata,
file= '1645170847706/blocks/2022-02-18-15-55-22/index.metadata.cgz'

```



```
[2022/02/18 15:55:29] [hide] [1645170880217] Transfer
file='1645170847706/blocks/2022-02-18-15-55-
22/backupInfo.db.b000.17f0bd42f60.cgz'
[2022/02/18 15:55:29] [info] [-] Start running post-commands
[2022/02/18 15:55:29] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/18 15:55:29] [info] [-] Finished running post-commands
[2022/02/18 15:55:29] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 15:55:29] [info] [1645170880217] Deleting temporary file
C:\Users\user\temp\1645170847706\OBS@1645170880217
[2022/02/18 15:55:31] [info] [1645170880217] Backup Completed
Successfully
[2022/02/18 15:55:31] [cbs] [1645170880217]
end,BS_STOP_SUCCESS,0,0,0,,,
```

- d. **Exclude them with Include all unmatched files/folders** checked

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them

☒ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison

☐ Regular expression (UNIX-style)

Existing patterns to match

☒

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only

The result is:

Advanced Backup Source	
Folders	Name
[-] This PC	<input checked="" type="checkbox"/> 7_tips.pdf
[-] Windows-SSD (C:)	<input type="checkbox"/> AliYun_cloud.PNG
[-] shared (\\10.3.121.17)	<input type="checkbox"/> cloud_deployement_Google.pdf
[-] Network	<input type="checkbox"/> cloud_deployement_OneDrive.pdf
[-] Libraries	<input checked="" type="checkbox"/> Company Profile.doc
	<input type="checkbox"/> CTYun_cloud.PNG
	<input checked="" type="checkbox"/> employee_list.doc
	<input checked="" type="checkbox"/> Expense_2018_Mar.xls
	<input type="checkbox"/> Google_cloud.PNG
	<input checked="" type="checkbox"/> IMG_0449.JPG
	<input checked="" type="checkbox"/> IMG_0449_0.png
	<input checked="" type="checkbox"/> IMG_0449_01.gif
	<input checked="" type="checkbox"/> IMG_0449_011.bmp
	<input checked="" type="checkbox"/> IMG_0449_012.tif
	<input checked="" type="checkbox"/> IMG_0449_013.png
	<input checked="" type="checkbox"/> Income_2018_Mar.xls
	<input type="checkbox"/> OneDrive_cloud.PNG

Explanation: All the files that contain the word cloud will not be included in the backup. Since the **Include all unmatched files/folders** is checked, the rest of the files will be included in the backup.

## Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: Yes][Name: Filter-1, Type: contain, Top Directory: \\10.3.121.17\shared\, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]
Continuous Data Protection	[Enabled: No]
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	[Computer Name: AM017L]
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]

Backup Files

No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared	8K / 8K (0%)	02/18/2022 10:32
4	new	\\10.3.121.17\shared\Company Profile.doc	47K / 70K (32%)	07/19/2018 16:05
5	new	\\10.3.121.17\shared\Expense_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
6	new	\\10.3.121.17\shared\7_tips.pdf	3.77M / 4.04M (6%)	08/06/2021 11:29
7	new	\\10.3.121.17\shared\Income_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39
8	new	\\10.3.121.17\shared\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
9	new	\\10.3.121.17\shared\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
10	new	\\10.3.121.17\shared\IMG_0449_013.png	3.11M / 3.11M (0%)	09/25/2018 12:36
11	new	\\10.3.121.17\shared\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
12	new	\\10.3.121.17\shared\employee_list.doc	1.39M / 1.63M (14%)	06/05/2018 19:55
13	new	\\10.3.121.17\shared\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
14	new	\\10.3.121.17\shared\IMG_0449_011.bmp	2.36M / 17.02M (86%)	09/25/2018 12:36

## Backup Log:

```
[2022/02/18 15:52:22] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 15:52:22] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4; Heap
Size: 81.2MB (Current) / 1.8GB (Maximum); Physical Memory: 1.3GB (Free) /
7.7GB (Total)
[2022/02/18 15:52:22] [cbs] [1645170725716] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 15:52:22] [info] [-] Saving encrypted backup set encryption
keys to server...
[2022/02/18 15:52:22] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 15:52:23] [info] [1645170725716] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the same
backup set, Migrate Delta: disabled]
[2022/02/18 15:52:23] [info] [1645170725716] Using Temporary Directory
C:\Users\user\temp\1645170634130\OBS@1645170725716
[2022/02/18 15:52:23] [cbs] [1645170725716] info,Using Temporary Directory
C:\Users\user\temp\1645170634130\OBS@1645170725716,0,0,0,,,
[2022/02/18 15:52:25] [hide] [1645170725716] Skip run Periodic DIC since
it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 15:52:25] [info] [-] Start running pre-commands
[2022/02/18 15:52:25] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/18 15:52:25] [info] [-] Finished running pre-commands
[2022/02/18 15:52:25] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 15:52:25] [info] [1645170725716] Downloading server file
list...
[2022/02/18 15:52:26] [info] [1645170725716] Downloading server file
list... Completed
[2022/02/18 15:52:27] [info] [-] Contact your service provider to enable
[Volume Shadow Copy] support
[2022/02/18 15:52:27] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 15:52:27] [info] [1645170725716] Reading backup source from
hard disk...
[2022/02/18 15:52:27] [info] [1645170725716] Reading backup source from
hard disk... Completed
[2022/02/18 15:52:27] [info] [1645170725716] [New Directory]... \\
[2022/02/18 15:52:27] [cbs] [1645170725716] new,\\,0,0,0,,,D
```

```

[2022/02/18 15:52:27] [info] [1645170725716] [New Directory]...
\\10.3.121.17
[2022/02/18 15:52:27] [cbs] [1645170725716] new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 15:52:27] [info] [1645170725716] [New Directory]...
\\10.3.121.17\shared
[2022/02/18 15:52:27] [cbs] [1645170725716]
new,\\10.3.121.17\shared,8192,8192,1645151528765,,,D
[2022/02/18 15:52:28] [info] [1645170725716] [New File]... 45% of
"\\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 15:52:28] [info] [1645170725716] [New File]... 68% of
"\\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 15:52:28] [info] [1645170725716] [New File]... 100% of
"\\10.3.121.17\shared\Company Profile.doc"
[2022/02/18 15:52:28] [cbs] [1645170725716]
new,\\10.3.121.17\shared\Company Profile.doc,48208,71680,1531987501233,,,F
[2022/02/18 15:52:28] [info] [1645170725716] [New File]... 100% of
"\\10.3.121.17\shared\Expense_2018_Mar.xls"
[2022/02/18 15:52:28] [cbs] [1645170725716]
new,\\10.3.121.17\shared\Expense_2018_Mar.xls,12880,76800,1537753152629,,,
F
[2022/02/18 15:52:30] [info] [1645170725716] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:30] [info] [1645170725716] [New File]... 10% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:31] [info] [1645170725716] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:32] [info] [1645170725716] [New File]... 20% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:32] [info] [1645170725716] [New File]... 30% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:35] [info] [1645170725716] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:37] [info] [1645170725716] [New File]... 40% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:37] [info] [1645170725716] [New File]... 50% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:37] [info] [1645170725716] [New File]... 60% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:40] [info] [1645170725716] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:41] [info] [1645170725716] [New File]... 70% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:43] [info] [1645170725716] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:43] [info] [1645170725716] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:45] [info] [1645170725716] [New File]... 80% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:45] [info] [1645170725716] [New File]... 90% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:46] [info] [1645170725716] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:46] [info] [1645170725716] [New File]... 100% of
"\\10.3.121.17\shared\7_tips.pdf"
[2022/02/18 15:52:46] [cbs] [1645170725716]
new,\\10.3.121.17\shared\7_tips.pdf,3948816,4238624,1628220561736,,,F
[2022/02/18 15:52:46] [info] [1645170725716] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:46] [info] [1645170725716] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:46] [info] [1645170725716] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:46] [info] [1645170725716] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_012.tif"

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[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_012.tif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 100% of
"\10.3.121.17\shared\Income_2018_Mar.xls"
[2022/02/18 15:52:48] [hide] [1645170725716] Chunk:
Path="\10.3.121.17\shared\Income_2018_Mar.xls", Offset=0, Length=12880,
Raw Length=76800, Duplicated data ID=2, RawChecksum=1C307A8BD46FA420,
RawChecksumType=1, BackupJob=20220218155221, BlockSeq=1, ChunkNo=2,
FileID=11
[2022/02/18 15:52:48] [info] [1645170725716] Deduplication Info:
File="\10.3.121.17\shared\Income_2018_Mar.xls", duplicated
file="\10.3.121.17\shared\Expense_2018_Mar.xls (2022-02-18-15-52-21)",
size="76,800"
[2022/02/18 15:52:48] [cbs] [1645170725716] info,"Deduplication Info:
File="\10.3.121.17\shared\Income_2018_Mar.xls", duplicated
file="\10.3.121.17\shared\Expense_2018_Mar.xls (2022-02-18-15-52-
21)", size="76,800",0,0,0,,
[2022/02/18 15:52:48] [cbs] [1645170725716]
new,\10.3.121.17\shared\Income_2018_Mar.xls,12880,76800,1537753152629,,,F
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:48] [info] [1645170725716] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:51] [info] [1645170725716] [New File]... 50% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:51] [info] [1645170725716] [New File]... 60% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:51] [info] [1645170725716] [New File]... 70% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:51] [info] [1645170725716] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:51] [info] [1645170725716] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:51] [cbs] [1645170725716]
new,\10.3.121.17\shared\IMG_0449_012.tif,3957200,3956182,1537850187074,,,
F
[2022/02/18 15:52:52] [info] [1645170725716] [New File]... 80% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:52] [info] [1645170725716] [New File]... 90% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:52] [info] [1645170725716] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_01.gif"
[2022/02/18 15:52:52] [cbs] [1645170725716]
new,\10.3.121.17\shared\IMG_0449_01.gif,2090384,2090373,1537850140511,,,F
[2022/02/18 15:52:52] [info] [1645170725716] [New File]... 10% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:52:52] [info] [1645170725716] [New File]... 20% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:52:52] [info] [1645170725716] [New File]... 100% of
"\10.3.121.17\shared\IMG_0449_013.png"
[2022/02/18 15:52:52] [cbs] [1645170725716]
new,\10.3.121.17\shared\IMG_0449_013.png,3258768,3258758,1537850213417,,,
F
[2022/02/18 15:52:53] [info] [1645170725716] [New File]... 30% of
"\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:52:56] [info] [1645170725716] [New File]... 40% of
"\10.3.121.17\shared\IMG_0449_0.png"

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[2022/02/18 15:52:56] [info] [1645170725716] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:52:57] [info] [1645170725716] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:52:58] [info] [1645170725716] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:53:01] [info] [1645170725716] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:03] [info] [1645170725716] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:53:03] [info] [1645170725716] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:53:03] [info] [1645170725716] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:53:06] [info] [1645170725716] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_0.png"
[2022/02/18 15:53:06] [info] [1645170725716] [New File]... 11% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:07] [cbs] [1645170725716]
new,\\10.3.121.17\shared\IMG_0449_0.png,6362384,6362372,1537850117011,,,F
[2022/02/18 15:53:08] [info] [1645170725716] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:08] [info] [1645170725716] [New File]... 21% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:10] [info] [1645170725716] [New File]... 31% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:10] [info] [1645170725716] [New File]... 41% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:10] [info] [1645170725716] [New File]... 51% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:10] [info] [1645170725716] [New File]... 61% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:10] [info] [1645170725716] [New File]... 71% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:10] [info] [1645170725716] [New File]... 82% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:10] [info] [1645170725716] [New File]... 92% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 100% of
"\\10.3.121.17\shared\employee_list.doc"
[2022/02/18 15:53:11] [cbs] [1645170725716]
new,\\10.3.121.17\shared\employee_list.doc,1456848,1707520,1528199700000,,,
,F
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 10% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 20% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 30% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 40% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 80% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:11] [info] [1645170725716] [New File]... 90% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:12] [info] [1645170725716] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449.JPG"
[2022/02/18 15:53:12] [cbs] [1645170725716]
new,\\10.3.121.17\shared\IMG_0449.JPG,1442384,1442376,1518317885164,,,F

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[2022/02/18 15:53:13] [info] [1645170725716] [New File]... 50% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:16] [info] [1645170725716] [New File]... 60% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:18] [info] [1645170725716] [New File]... 70% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:20] [info] [1645170725716] [New File]... 81% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:21] [info] [1645170725716] [New File]... 92% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:21] [info] [1645170725716] [New File]... 100% of
"\\10.3.121.17\shared\IMG_0449_011.bmp"
[2022/02/18 15:53:22] [cbs] [1645170725716]
new,\\10.3.121.17\shared\IMG_0449_011.bmp,2471520,17842230,1537850166542,,
,F
[2022/02/18 15:53:58] [info] [1645170725716] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/18 15:53:58] [cbs] [1645170725716] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 15:53:58] [info] [1645170725716] File:
"1645170634130/blocks/2022-02-18-15-52-21/0/000000.bak", Size: 15,357,408,
OK
[2022/02/18 15:53:58] [cbs] [1645170725716] info,"File:
\"1645170634130/blocks/2022-02-18-15-52-21/0/000000.bak\", Size:
15,357,408, OK",0,0,0,,,
[2022/02/18 15:53:58] [info] [1645170725716] File:
"1645170634130/blocks/2022-02-18-15-52-21/0/000001.bak", Size: 9,691,984,
OK
[2022/02/18 15:53:58] [cbs] [1645170725716] info,"File:
\"1645170634130/blocks/2022-02-18-15-52-21/0/000001.bak\", Size:
9,691,984, OK",0,0,0,,,
[2022/02/18 15:53:58] [info] [1645170725716] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 15:53:58] [cbs] [1645170725716] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 15:53:58] [info] [1645170725716] Total New Files = 11
[2022/02/18 15:53:58] [info] [1645170725716] Total New Directories = 3
[2022/02/18 15:53:58] [info] [1645170725716] Total New Links = 0
[2022/02/18 15:53:58] [info] [1645170725716] Total Updated Files = 0
[2022/02/18 15:53:58] [info] [1645170725716] Total Attributes Changed
Files = 0
[2022/02/18 15:53:58] [info] [1645170725716] Total Deleted Files = 0
[2022/02/18 15:53:58] [info] [1645170725716] Total Deleted Directories = 0
[2022/02/18 15:53:58] [info] [1645170725716] Total Deleted Links = 0
[2022/02/18 15:53:58] [info] [1645170725716] Total Moved Files = 0
[2022/02/18 15:53:58] [info] [1645170725716] Total Dedupe Saving for this
job = 75KB
[2022/02/18 15:53:58] [info] [1645170725716] Total Backup Data Size for
this job = 39.22MB
[2022/02/18 15:53:58] [info] [1645170725716] Total Dedupe Saving for
destination = 75KB
[2022/02/18 15:53:58] [info] [1645170725716] Total Backup Data Size for
destination = 39.22MB
[2022/02/18 15:53:58] [info] [1645170725716] Start running retention
policy on backup set "b3(1645170634130)", "AhsayCBS(1645170725716)"
[2022/02/18 15:53:58] [cbs] [1645170725716] info,"Start running retention
policy on backup set \"b3(1645170634130)\",
\"AhsayCBS(1645170725716)\",0,0,0,,,
[2022/02/18 15:53:58] [info] [1645170725716] Start processing space
freeing up on backup set= "b3 (1645170634130)" destination= "AhsayCBS
(1645170725716)"
[2022/02/18 15:53:58] [cbs] [1645170725716] info,"Start processing space
freeing up on backup set= \"b3 (1645170634130)\" destination= \"AhsayCBS
(1645170725716)\",0,0,0,,,
[2022/02/18 15:53:59] [info] [1645170725716] Space freeing up on backup
set= "b3 (1645170634130)" destination= "AhsayCBS (1645170725716)" is
completed

```

```

[2022/02/18 15:53:59] [cbs] [1645170725716] info,"Space freeing up on
backup set= \"b3 (1645170634130)\" destination= \"AhsayCBS
(1645170725716)\" is completed",0,0,0,,,
[2022/02/18 15:53:59] [info] [1645170725716] Finished running retention
policy on backup set "b3(1645170634130)", "AhsayCBS(1645170725716)"
[2022/02/18 15:53:59] [cbs] [1645170725716] info,"Finished running
retention policy on backup set \"b3(1645170634130)\",
\"AhsayCBS(1645170725716)\" ",0,0,0,,,
[2022/02/18 15:53:59] [info] [-] Saving server information to destination.
[2022/02/18 15:53:59] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 15:53:59] [info] [1645170725716] Saving encrypted backup file
index to 1645170634130/blocks/2022-02-18-15-52-21 at destination
AhsayCBS...
[2022/02/18 15:53:59] [hide] [1645170725716] Transfer
file='1645170634130/blocks/2022-02-18-15-52-
21/index.db.21000.17f0bd2cf74.cgz'
[2022/02/18 15:53:59] [hide] [1645170725716] Transfer
file='1645170634130/blocks/2022-02-18-15-52-21/index.db_2022-02-18-15-52-
21.chk.0.17f0bd2cf83.cgz'
[2022/02/18 15:53:59] [hide] [1645170725716] Transfer index.metadata,
file= '1645170634130/blocks/2022-02-18-15-52-21/index.metadata.cgz'
[2022/02/18 15:53:59] [hide] [1645170725716] Transfer
file='1645170634130/blocks/2022-02-18-15-52-
21/backupInfo.db.b000.17f0bd2cf7c.cgz'
[2022/02/18 15:53:59] [info] [-] Start running post-commands
[2022/02/18 15:53:59] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/18 15:53:59] [info] [-] Finished running post-commands
[2022/02/18 15:53:59] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 15:53:59] [info] [1645170725716] Deleting temporary file
C:\Users\user\temp\1645170634130\OBS@1645170725716
[2022/02/18 15:54:02] [info] [1645170725716] Backup Completed Successfully
[2022/02/18 15:54:02] [cbs] [1645170725716] end,BS_STOP_SUCCESS,0,0,0,,,

```

4. Filter all expense files for 2018. You need to create two filters to get the desired result. First create a filter that will exclude the year 2017.

For each of the matched files/folders under top directory

☐ Include them

☒ Exclude them



☐ Include all unmatched files/folders

Match file/folder names by

☒ Simple comparison contains ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

Add

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

Change

☐ This share requires access credentials

Then create a filter that will include the pattern expense but exclude everything else.

For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them



☒ Exclude all unmatched files/folders

Match file/folder names by

☒ Simple comparison contains ▼

☐ Regular expression (UNIX-style)

Existing patterns to match

Add

Apply this filter to all files/folders in

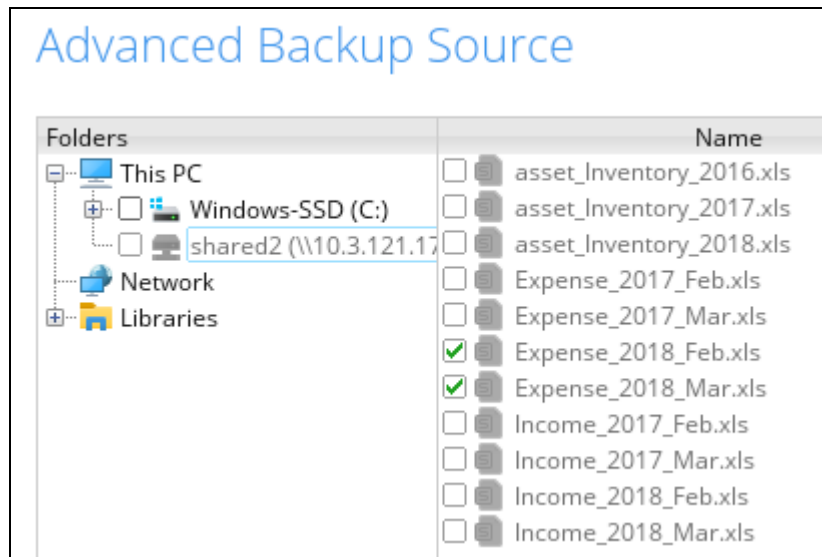
☐ All hard disk drives

☒ This folder only (Input local / network address or click [Change])

Change

☐ This share requires access credentials

The result is:



**Note:** If you are using a network drive do not choose to apply the filter in all hard disk drives because filtering will take a long time and it might not stop.

Explanation: Only expense files for 2018 will be included in the backup.

Backup Report:

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: Filter-1, Type: contain, Top Directory: \\10.3.121.17\shared2\, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [2017]][Name: Filter-2, Type: contain, Top Directory: \\10.3.121.17\shared2\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [expense]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Times: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes]Migrate existing data to latest version: No			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: AM017L]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: Yes][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.3.121.17	0 / 0 (0%)	
3	new	\\10.3.121.17\shared2	4K / 4K (0%)	02/18/2022 16:00
4	new	\\10.3.121.17\shared2\Expense_2018_Feb.xls	12K / 75K (83%)	09/24/2018 09:39
5	new	\\10.3.121.17\shared2\Expense_2018_Mar.xls	12K / 75K (83%)	09/24/2018 09:39

Backup Log:

```
[2022/02/18 16:30:45] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 16:30:45] [hide] [-] OS: Windows 10 (AM017L); CPU Model:
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz; Number of Processors: 4;
Heap Size: 81.2MB (Current) / 1.8GB (Maximum); Physical Memory: 1.6GB
(Free) / 7.7GB (Total)
[2022/02/18 16:30:45] [cbs] [1645173029192] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 16:30:45] [info] [-] Saving encrypted backup set
encryption keys to server...
[2022/02/18 16:30:45] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2022/02/18 16:30:47] [info] [1645173029192] Start Backup ...
[Deduplication: enabled, Deduplication scope: All files within the
same backup set, Migrate Delta: disabled]
```

```

[2022/02/18 16:30:47] [info] [1645173029192] Using Temporary Directory
C:\Users\user\temp\1645172791789\OBS@1645173029192
[2022/02/18 16:30:47] [cbs] [1645173029192] info,Using Temporary
Directory C:\Users\user\temp\1645172791789\OBS@1645173029192,0,0,0,,,
[2022/02/18 16:30:49] [hide] [1645173029192] Skip run Periodic DIC
since it already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 16:30:49] [info] [-] Start running pre-commands
[2022/02/18 16:30:49] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2022/02/18 16:30:49] [info] [-] Finished running pre-commands
[2022/02/18 16:30:49] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2022/02/18 16:30:49] [info] [1645173029192] Downloading server file
list...
[2022/02/18 16:30:50] [info] [1645173029192] Downloading server file
list... Completed
[2022/02/18 16:30:51] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2022/02/18 16:30:51] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2022/02/18 16:30:51] [info] [1645173029192] Reading backup source
from hard disk...
[2022/02/18 16:30:51] [info] [1645173029192] Reading backup source
from hard disk... Completed
[2022/02/18 16:30:52] [info] [1645173029192] [New Directory]... \\
[2022/02/18 16:30:52] [cbs] [1645173029192] new,\\,0,0,0,,,D
[2022/02/18 16:30:52] [info] [1645173029192] [New Directory]...
\\10.3.121.17
[2022/02/18 16:30:52] [cbs] [1645173029192]
new,\\10.3.121.17,0,0,0,,,D
[2022/02/18 16:30:52] [info] [1645173029192] [New Directory]...
\\10.3.121.17\shared2
[2022/02/18 16:30:52] [cbs] [1645173029192]
new,\\10.3.121.17\shared2,4096,4096,1645171235704,,,D
[2022/02/18 16:30:53] [info] [1645173029192] [New File]... 100% of
"\\10.3.121.17\shared2\Expense_2018_Feb.xls"
[2022/02/18 16:30:53] [cbs] [1645173029192]
new,\\10.3.121.17\shared2\Expense_2018_Feb.xls,12880,76800,15377531526
29,,,F
[2022/02/18 16:30:53] [info] [1645173029192] [New File]... 100% of
"\\10.3.121.17\shared2\Expense_2018_Mar.xls"
[2022/02/18 16:30:53] [hide] [1645173029192] Chunk:
Path="\\10.3.121.17\shared2\Expense_2018_Mar.xls", Offset=0,
Length=12880, Raw Length=76800, Duplicated data ID=1,
RawChecksum=1C307A8BD46FA420, RawChecksumType=1,
BackupJob=20220218163043, BlockSeq=0, ChunkNo=1, FileID=3
[2022/02/18 16:30:53] [info] [1645173029192] Deduplication Info:
File="\\10.3.121.17\shared2\Expense_2018_Mar.xls", duplicated
file="\\10.3.121.17\shared2\Expense_2018_Feb.xls (2022-02-18-16-30-
43)", size="76,800"
[2022/02/18 16:30:53] [cbs] [1645173029192] info,"Deduplication Info:
File="\\\\10.3.121.17\\shared2\\Expense_2018_Mar.xls\\", duplicated
file="\\\\10.3.121.17\\shared2\\Expense_2018_Feb.xls (2022-02-18-16-
30-43)\\", size="76,800\\",0,0,0,,,
[2022/02/18 16:30:53] [cbs] [1645173029192]
new,\\10.3.121.17\shared2\Expense_2018_Mar.xls,12880,76800,15377531526
29,,,F
[2022/02/18 16:30:54] [info] [1645173029192] Start validating the
presence and size of backup data in destination "AhsayCBS"...

```

```

[2022/02/18 16:30:54] [cbs] [1645173029192] info,"Start validating the
presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/18 16:30:54] [info] [1645173029192] File:
"1645172791789/blocks/2022-02-18-16-30-43/0/000000.bak", Size: 12,880,
OK
[2022/02/18 16:30:54] [cbs] [1645173029192] info,"File:
\"1645172791789/blocks/2022-02-18-16-30-43/0/000000.bak\", Size:
12,880, OK",0,0,0,,,
[2022/02/18 16:30:54] [info] [1645173029192] Finished validating the
presence and size of backup data in destination "AhsayCBS"
[2022/02/18 16:30:54] [cbs] [1645173029192] info,"Finished validating
the presence and size of backup data in destination
\"AhsayCBS\"...",0,0,0,,,
[2022/02/18 16:30:54] [info] [1645173029192] Total New Files = 2
[2022/02/18 16:30:54] [info] [1645173029192] Total New Directories = 3
[2022/02/18 16:30:54] [info] [1645173029192] Total New Links = 0
[2022/02/18 16:30:54] [info] [1645173029192] Total Updated Files = 0
[2022/02/18 16:30:54] [info] [1645173029192] Total Attributes Changed
Files = 0
[2022/02/18 16:30:54] [info] [1645173029192] Total Deleted Files = 0
[2022/02/18 16:30:54] [info] [1645173029192] Total Deleted Directories
= 0
[2022/02/18 16:30:54] [info] [1645173029192] Total Deleted Links = 0
[2022/02/18 16:30:54] [info] [1645173029192] Total Moved Files = 0
[2022/02/18 16:30:54] [info] [1645173029192] Total Dedupe Saving for
this job = 75KB
[2022/02/18 16:30:54] [info] [1645173029192] Total Backup Data Size
for this job = 150KB
[2022/02/18 16:30:54] [info] [1645173029192] Total Dedupe Saving for
destination = 75KB
[2022/02/18 16:30:54] [info] [1645173029192] Total Backup Data Size
for destination = 150KB
[2022/02/18 16:30:54] [info] [1645173029192] Start running retention
policy on backup set "b5(1645172791789)", "AhsayCBS(1645173029192)"
[2022/02/18 16:30:54] [cbs] [1645173029192] info,"Start running
retention policy on backup set \"b5(1645172791789)\",
\"AhsayCBS(1645173029192)\"...",0,0,0,,,
[2022/02/18 16:30:54] [info] [1645173029192] Start processing space
freeing up on backup set= "b5 (1645172791789)" destination= "AhsayCBS
(1645173029192)"
[2022/02/18 16:30:54] [cbs] [1645173029192] info,"Start processing
space freeing up on backup set= \"b5 (1645172791789)\" destination=
\"AhsayCBS (1645173029192)\"...",0,0,0,,,
[2022/02/18 16:30:55] [info] [1645173029192] Space freeing up on
backup set= "b5 (1645172791789)" destination= "AhsayCBS
(1645173029192)" is completed
[2022/02/18 16:30:55] [cbs] [1645173029192] info,"Space freeing up on
backup set= \"b5 (1645172791789)\" destination= \"AhsayCBS
(1645173029192)\" is completed",0,0,0,,,
[2022/02/18 16:30:55] [info] [1645173029192] Finished running
retention policy on backup set "b5(1645172791789)",
"AhsayCBS(1645173029192)"
[2022/02/18 16:30:55] [cbs] [1645173029192] info,"Finished running
retention policy on backup set \"b5(1645172791789)\",
\"AhsayCBS(1645173029192)\"...",0,0,0,,,
[2022/02/18 16:30:55] [info] [-] Saving server information to
destination.
[2022/02/18 16:30:55] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,

```



```

[2022/02/18 16:30:56] [info] [1645173029192] Saving encrypted backup
file index to 1645172791789/blocks/2022-02-18-16-30-43 at destination
AhsayCBS...
[2022/02/18 16:30:56] [hide] [1645173029192] Transfer
file='1645172791789/blocks/2022-02-18-16-30-
43/index.db.21000.17f0bf4a20d.cgz'
[2022/02/18 16:30:56] [hide] [1645173029192] Transfer
file='1645172791789/blocks/2022-02-18-16-30-43/index.db_2022-02-18-16-
30-43.chk.0.17f0bf4a22c.cgz'
[2022/02/18 16:30:56] [hide] [1645173029192] Transfer index.metadata,
file= '1645172791789/blocks/2022-02-18-16-30-43/index.metadata.cgz'
[2022/02/18 16:30:56] [hide] [1645173029192] Transfer
file='1645172791789/blocks/2022-02-18-16-30-
43/backupInfo.db.b000.17f0bf4a21d.cgz'
[2022/02/18 16:30:57] [info] [-] Start running post-commands
[2022/02/18 16:30:57] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2022/02/18 16:30:57] [info] [-] Finished running post-commands
[2022/02/18 16:30:57] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2022/02/18 16:30:57] [info] [1645173029192] Deleting temporary file
C:\Users\user\temp\1645172791789\OBS@1645173029192
[2022/02/18 16:31:00] [info] [1645173029192] Backup Completed
Successfully
[2022/02/18 16:31:00] [cbs] [1645173029192]
end,BS_STOP_SUCCESS,0,0,0,,,

```

## Appendix D Filtering in Windows shared folder on Linux/FreeBSD OS

1. Filter that starts with uppercase letter C on a windows shared folder.

## Filter

### Name

### Matching pattern

+

-

Pattern

C

### For each of the matched files/folders under top directory

☒ Include them

☐ Exclude them

### Exclusion

☒ Exclude all unmatched files/folders

### Match file/folder names by

☒ Simple comparison

starts with ▼

☐ Regular expression (UNIX-style)

### How to Apply This Filter

Apply this filter to all files/folders in

☐ All hard disk drives

☒ This folder only (Input local / network address)

/mnt

☐ This share requires access credentials

Apply to

☒ File

☐ Folder

Filter Name = Filter that starts with uppercase letter C

Matching Pattern = C

Filter Mode = Include them

Exclude all others = True

Matching Type = Simple Comparison | starts with

Apply To = File

Directory = /mnt

As a result, these are the total files and directories that have been successfully backed up:

Total New Files = 8

1. CloudBackup\_001.txt

2. CloudBackup\_002.txt

3. CloudBackup\_003.txt

4. CompanyProfile.doc

5. Configuration\_Guide2016.docx

6. Configuration\_Guide2017.docx

7. Configuration\_Guide2018.docx

8. CTYun\_cloud.PNG

Total New Directories = 2

1. /

2. /mnt

Explanation:

All the files that starts with uppercase letter C have been successfully backed up including the directories but excluding all the other files that did not match the filter. This example is the same as the one on the simple comparison – starts with filter, the only difference is that the source destination is a Windows shared folder.

This filter only applies to a specific folder which is mnt, and since the File, *under the “Apply to” field*, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

Here are the reports using the AhsayCBS web console and CLI:

#### Backup Report from AhsayCBS Web Console

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: Filter that starts with uppercase letter C, Type: starts with, Top Directory: /mnt, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [C]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: FreeBSD13x64]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: No][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	25 / 25 (0%)	02/18/2022 17:07
2	new	/mnt	17 / 17 (0%)	02/18/2022 16:59
3	new	/mnt/CloudBackup_001.txt	323K / 1.21M (73%)	06/18/2013 20:50
4	new	/mnt/Configuration_Guide2017.docx	11K / 14K (17%)	07/10/2018 17:24
5	new	/mnt/Configuration_Guide2018.docx	11K / 14K (17%)	07/10/2018 17:24
6	new	/mnt/Company_Profile.doc	47K / 70K (32%)	07/19/2018 16:05
7	new	/mnt/CloudBackup_002.txt	323K / 1.21M (73%)	06/18/2013 20:50
8	new	/mnt/CTYun_cloud.PNG	13K / 13K (0%)	09/18/2018 15:29
9	new	/mnt/Configuration_Guide2016.docx	11K / 14K (17%)	07/10/2018 17:24
10	new	/mnt/CloudBackup_003.txt	323K / 1.21M (73%)	06/18/2013 20:50

#### Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645174951786/Backup
#cat 2022-02-18-09-07-14.log

[2022/02/18 09:07:30] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 09:07:30] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU),Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 74.8MB (Current) / 1.8GB (Maximum);
Physical Memory: 564.4MB (Free) / 4GB (Total)
[2022/02/18 09:07:30] [cbs] [1645175131950] start,Start [ AhsayOBM
v9.1.2.0 ],0,0,0,,,
[2022/02/18 09:07:31] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/18 09:07:31] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2022/02/18 09:07:32] [info] [1645175131950] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/18 09:07:32] [info] [1645175131950] Using Temporary Directory
/root}/tmp/1645174951786/OBS@1645175131950
[2022/02/18 09:07:32] [cbs] [1645175131950] info,Using Temporary Directory
/root}/tmp/1645174951786/OBS@1645175131950,0,0,0,,,
[2022/02/18 09:07:35] [hide] [1645175131950] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 09:07:35] [info] [-] Start running pre-commands
[2022/02/18 09:07:35] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2022/02/18 09:07:35] [info] [-] Finished running pre-commands
[2022/02/18 09:07:35] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2022/02/18 09:07:35] [info] [1645175131950] Downloading server file list...
[2022/02/18 09:07:35] [info] [1645175131950] Downloading server file list...
Completed
```

```

[2022/02/18 09:07:36] [info] [1645175131950] Reading backup source from hard
disk...
[2022/02/18 09:07:36] [info] [1645175131950] Reading backup source from hard
disk... Completed
[2022/02/18 09:07:37] [info] [1645175131950] [New Directory]... /
[2022/02/18 09:07:37] [cbs] [1645175131950] new,/,25,25,1645175249000,,,D
[2022/02/18 09:07:37] [info] [1645175131950] [New Directory]... /mnt
[2022/02/18 09:07:37] [cbs] [1645175131950] new,/mnt,17,17,1645174743000,,,D
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 10% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 10% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 28% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 45% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 28% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 61% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 74% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 45% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 86% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 61% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:07:38] [cbs] [1645175131950]
new,/mnt/CloudBackup_001.txt,331248,1272944,1371559803000,,,F
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/Configuration_Guide2017.docx"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 74% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:07:38] [cbs] [1645175131950]
new,/mnt/Configuration_Guide2017.docx,12240,14902,1531214650000,,,F
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/Configuration_Guide2018.docx"
[2022/02/18 09:07:38] [hide] [1645175131950] Chunk:
Path="/mnt/Configuration_Guide2018.docx", Offset=331248, Length=12240, Raw
Length=14902, Duplicated data ID=2, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220218090714, BlockSeq=1, ChunkNo=2, FileID=8
[2022/02/18 09:07:38] [info] [1645175131950] Deduplication Info:
File="/mnt/Configuration_Guide2018.docx", duplicated
file="/mnt/Configuration_Guide2017.docx (2022-02-18-09-07-14)", size="14,902"
[2022/02/18 09:07:38] [cbs] [1645175131950] info,"Deduplication Info:
File="/mnt/Configuration_Guide2018.docx", duplicated
file="/mnt/Configuration_Guide2017.docx (2022-02-18-09-07-14)",
size="14,902""",0,0,0,,,
[2022/02/18 09:07:38] [cbs] [1645175131950]
new,/mnt/Configuration_Guide2018.docx,12240,14902,1531214650000,,,F
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 86% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 45% of

```

```

"/mnt/Company Profile.doc"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 68% of
"/mnt/Company Profile.doc"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/Company Profile.doc"
[2022/02/18 09:07:38] [cbs] [1645175131950] new,/mnt/Company
Profile.doc,48208,71680,1531987501000,,,F
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:07:38] [hide] [1645175131950] Chunk:
Path="/mnt/CloudBackup_002.txt", Offset=0, Length=331248, Raw Length=1272944,
Duplicated data ID=1, RawChecksum=CB3F6D20B0A1AD43, RawChecksumType=1,
BackupJob=20220218090714, BlockSeq=1, ChunkNo=1, FileID=2
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 10% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:07:38] [info] [1645175131950] Deduplication Info:
File="/mnt/CloudBackup_002.txt", duplicated file="/mnt/CloudBackup_001.txt
(2022-02-18-09-07-14)", size="1,272,944"
[2022/02/18 09:07:38] [cbs] [1645175131950] info,"Deduplication Info:
File=\"/mnt/CloudBackup_002.txt\", duplicated file=\"/mnt/CloudBackup_001.txt
(2022-02-18-09-07-14)\", size=\"1,272,944\""",0,0,0,,,
[2022/02/18 09:07:38] [cbs] [1645175131950]
new,/mnt/CloudBackup_002.txt,331248,1272944,1371559803000,,,F
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/Configuration_Guide2016.docx"
[2022/02/18 09:07:38] [hide] [1645175131950] Chunk:
Path="/mnt/Configuration_Guide2016.docx", Offset=331248, Length=12240, Raw
Length=14902, Duplicated data ID=2, RawChecksum=822EF7A5EAE1B220,
RawChecksumType=1, BackupJob=20220218090714, BlockSeq=1, ChunkNo=2, FileID=5
[2022/02/18 09:07:38] [info] [1645175131950] Deduplication Info:
File="/mnt/Configuration_Guide2016.docx", duplicated
file="/mnt/Configuration_Guide2018.docx (2022-02-18-09-07-14)", size="14,902"
[2022/02/18 09:07:38] [cbs] [1645175131950] info,"Deduplication Info:
File=\"/mnt/Configuration_Guide2016.docx\", duplicated
file=\"/mnt/Configuration_Guide2018.docx (2022-02-18-09-07-14)\",
size=\"14,902\""",0,0,0,,,
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 11% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 22% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 33% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 44% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 55% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 66% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 78% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 89% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/CTYun_cloud.PNG"
[2022/02/18 09:07:38] [cbs] [1645175131950]
new,/mnt/CTYun_cloud.PNG,13776,13768,1537255780000,,,F

```

```

[2022/02/18 09:07:38] [cbs] [1645175131950]
new,/mnt/Configuration_Guide2016.docx,12240,14902,1531214650000,,,F
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 28% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 45% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 61% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 74% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 86% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:07:38] [info] [1645175131950] [New File]... 100% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:07:38] [hide] [1645175131950] Chunk:
Path="/mnt/CloudBackup_003.txt", Offset=0, Length=331248, Raw Length=1272944,
Duplicated data ID=1, RawChecksum=CB3F6D20B0A1AD43, RawChecksumType=1,
BackupJob=20220218090714, BlockSeq=1, ChunkNo=1, FileID=6
[2022/02/18 09:07:38] [info] [1645175131950] Deduplication Info:
File="/mnt/CloudBackup_003.txt", duplicated file="/mnt/CloudBackup_002.txt
(2022-02-18-09-07-14)", size="1,272,944"
[2022/02/18 09:07:38] [cbs] [1645175131950] info,"Deduplication Info:
File=\"/mnt/CloudBackup_003.txt\", duplicated file=\"/mnt/CloudBackup_002.txt
(2022-02-18-09-07-14)\", size=\"1,272,944\"","0,0,0,,,
[2022/02/18 09:07:38] [cbs] [1645175131950]
new,/mnt/CloudBackup_003.txt,331248,1272944,1371559803000,,,F
[2022/02/18 09:07:39] [info] [1645175131950] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/18 09:07:39] [cbs] [1645175131950] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\""...",0,0,0,,,
[2022/02/18 09:07:39] [info] [1645175131950] File:
"1645174951786/blocks/2022-02-18-09-07-14/0/000000.bak", Size: 13,776, OK
[2022/02/18 09:07:39] [cbs] [1645175131950] info,"File:
\"1645174951786/blocks/2022-02-18-09-07-14/0/000000.bak\", Size: 13,776,
OK",0,0,0,,,
[2022/02/18 09:07:39] [info] [1645175131950] File:
"1645174951786/blocks/2022-02-18-09-07-14/0/000001.bak", Size: 391,696, OK
[2022/02/18 09:07:39] [cbs] [1645175131950] info,"File:
\"1645174951786/blocks/2022-02-18-09-07-14/0/000001.bak\", Size: 391,696,
OK",0,0,0,,,
[2022/02/18 09:07:39] [info] [1645175131950] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/18 09:07:39] [cbs] [1645175131950] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"","0,0,0,,,
[2022/02/18 09:07:39] [info] [1645175131950] Total New Files = 8
[2022/02/18 09:07:39] [info] [1645175131950] Total New Directories = 2
[2022/02/18 09:07:39] [info] [1645175131950] Total New Links = 0
[2022/02/18 09:07:39] [info] [1645175131950] Total Updated Files = 0
[2022/02/18 09:07:39] [info] [1645175131950] Total Attributes Changed Files =
0
[2022/02/18 09:07:39] [info] [1645175131950] Total Deleted Files = 0
[2022/02/18 09:07:39] [info] [1645175131950] Total Deleted Directories = 0
[2022/02/18 09:07:39] [info] [1645175131950] Total Deleted Links = 0
[2022/02/18 09:07:39] [info] [1645175131950] Total Moved Files = 0
[2022/02/18 09:07:39] [info] [1645175131950] Total Dedupe Saving for this job
= 2.46MB

```




```

[2022/02/18 09:07:39] [info] [1645175131950] Total Backup Data Size for this
job = 3.77MB
[2022/02/18 09:07:39] [info] [1645175131950] Total Dedupe Saving for
destination = 2.46MB
[2022/02/18 09:07:39] [info] [1645175131950] Total Backup Data Size for
destination = 3.77MB
[2022/02/18 09:07:42] [info] [-] Saving server information to destination.
[2022/02/18 09:07:42] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 09:07:43] [info] [1645175131950] Saving encrypted backup file
index to 1645174951786/blocks/2022-02-18-09-07-14 at destination AhsayCBS...
[2022/02/18 09:07:43] [hide] [1645175131950] Transfer
file='1645174951786/blocks/2022-02-18-09-07-
14/index.db.21000.17f0c164ecd.cgz'
[2022/02/18 09:07:43] [hide] [1645175131950] Transfer
file='1645174951786/blocks/2022-02-18-09-07-14/index.db_2022-02-18-09-07-
14.chk.68.17f0c165147.cgz'
[2022/02/18 09:07:43] [hide] [1645175131950] Transfer index.metadata, file=
'1645174951786/blocks/2022-02-18-09-07-14/index.metadata.cgz'
[2022/02/18 09:07:43] [hide] [1645175131950] Transfer
file='1645174951786/blocks/2022-02-18-09-07-
14/backupInfo.db.b000.17f0c164f18.cgz'
[2022/02/18 09:07:43] [info] [-] Start running post-commands
[2022/02/18 09:07:43] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/18 09:07:43] [info] [-] Finished running post-commands
[2022/02/18 09:07:43] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2022/02/18 09:07:46] [info] [1645175131950] Deleting temporary file
/root}/tmp/1645174951786/OBS@1645175131950
[2022/02/18 09:07:47] [info] [1645175131950] Backup Completed Successfully
[2022/02/18 09:07:47] [cbs] [1645175131950] end,BS_STOP_SUCCESS,0,0,0,,,

```

2. Filter that contains the word Backup on a Windows shared folder.

<div><h3>Filter</h3><div><b>Name</b> <input type="text" value="Filter that contains the word Backup Regular Expression"/></div><div><b>Matching pattern</b> <div><input checked="" type="checkbox"/>  Pattern <input type="checkbox"/> <input type="text" value="^.*Backup.*\$"/></div></div><div><b>For each of the matched files/folders under top directory</b> <div><input checked="" type="radio"/> Include them <input type="radio"/> Exclude them</div></div><div><b>Exclusion</b> <input checked="" type="checkbox"/> Exclude all unmatched files/folders</div><div><b>Match file/folder names by</b> <div><input type="radio"/> Simple comparison <input type="text" value="starts with"/> <input checked="" type="radio"/> Regular expression (UNIX-style)</div></div><div><b>How to Apply This Filter</b> <div>Apply this filter to all files/folders in <input type="radio"/> All hard disk drives <input checked="" type="radio"/> This folder only (Input local / network address) <input type="text" value="/mnt"/> <input type="checkbox"/> This share requires access credentials</div><div>Apply to <input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</div></div></div>	<p>Filter Name = Filter that contains the word Backup Regular Expression Matching Pattern = ^.*Backup.*\$ Filter Mode = Include them Exclude all others = True Matching Type = Regular expression (UNIX-style) Apply To = File Directory = /mnt</p> <p>As a result, these are the total files and directories that have been successfully backed up:</p> <p>Total New Files = 3</p> <ol style="list-style-type: none"><li>1. CloudBackup_001.txt</li><li>2. CloudBackup_002.txt</li><li>3. CloudBackup_003.txt</li></ol> <p>Total New Directories = 2</p> <ol style="list-style-type: none"><li>1. /</li><li>2. /mnt</li></ol>
---	--

Explanation:

All the files that contains the word version, whether it is located at the beginning, middle, or end of the file name, have been successfully backed up including the directories but excluding all the other files that did not match the filter.

Looking closely, unlike in the Appendix A using simple comparison, we're using the Regular expression (UNIX-style) with pattern ^.\***Backup**.\*\$. This filter only applies to a specific folder which is mnt, and since the File, *under the "Apply to" field*, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

This example is the same as the one on the regular expression – contains filter, the only difference is that the source destination is a Windows shared folder.

Here are the reports using the AhsayCBS web console and CLI:

#### Backup Report from AhsayCBS Web Console

Backup Set Settings				
Field	Value			
Backup Source				
Filter	[Enabled: Yes][Name: Filter that contains the word Backup Regular Expression, Type: Custom, Top Directory: /mnt, Include: Yes, Exclude all unmathe files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [^.*Backup.*\$]]			
Backup Schedule	[Computer Name: ][Daily: ][Name: Backup Schedule, Time: 20:0, Type: , Duration: -1, Retention Policy: Yes][Weekly: ][Monthly: ][Custom: ]			
Continuous Data Protection	[Enabled: No]			
Deduplication	[Enabled: Yes][Migrate existing data to latest version: No]			
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]			
Command Line Tool				
Reminder	[Computer Name: FreeBSD13x64]			
Bandwidth Control	[Enabled: No, Mode: Independent, Bandwidth Control: ]			
Others	[Remove temporary files after backup: Yes][Follow Link: Yes][Volume Shadow Copy: No][File Permissions: Yes][Compression Type: Fast with optimization for local]			

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	25 / 25 (0%)	02/18/2022 17:07
2	new	/mnt	17 / 17 (0%)	02/18/2022 16:59
3	new	/mnt/CloudBackup_001.txt	323K / 1.21M (73%)	06/18/2013 20:50
4	new	/mnt/CloudBackup_003.txt	323K / 1.21M (73%)	06/18/2013 20:50
5	new	/mnt/CloudBackup_002.txt	323K / 1.21M (73%)	06/18/2013 20:50

#### Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1645175684755/Backup
#cat 2022-02-18-09-18-37.log

[2022/02/18 09:18:53] [info] [-] Start [ AhsayOBM v9.1.2.0 ]
[2022/02/18 09:18:53] [hide] [-] OS: FreeBSD 13.0-RELEASE (FreeBSD13x64); CPU
Model: VMware-Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class
CPU), Intel(R) Xeon(R) Gold 5218R CPU @ 2.10GHz (2095.08-MHz K8-class CPU);
Number of Processors: 2; Heap Size: 74.5MB (Current) / 1.8GB (Maximum);
Physical Memory: 570MB (Free) / 4GB (Total)
[2022/02/18 09:18:53] [cbs] [1645175871487] start, Start [ AhsayOBM
v9.1.2.0 ], 0, 0, 0, , ,
[2022/02/18 09:18:54] [info] [-] Saving encrypted backup set encryption keys
to server...
[2022/02/18 09:18:54] [cbs] [-] info, Saving encrypted backup set encryption
keys to server..., 0, 0, 0, , ,
[2022/02/18 09:18:55] [info] [1645175871487] Start Backup ... [Deduplication:
enabled, Deduplication scope: All files within the same backup set, Migrate
Delta: disabled]
[2022/02/18 09:18:55] [info] [1645175871487] Using Temporary Directory
/root/tmp/1645175684755/OBS@1645175871487
[2022/02/18 09:18:55] [cbs] [1645175871487] info, Using Temporary Directory
/root/tmp/1645175684755/OBS@1645175871487, 0, 0, 0, , ,
[2022/02/18 09:18:57] [hide] [1645175871487] Skip run Periodic DIC since it
already run within 1 day. Last DIC time in milliseconds: 0
[2022/02/18 09:18:57] [info] [-] Start running pre-commands
[2022/02/18 09:18:57] [cbs] [-] info, Start running pre-commands, 0, 0, 0, , ,
[2022/02/18 09:18:57] [info] [-] Finished running pre-commands
[2022/02/18 09:18:57] [cbs] [-] info, Finished running pre-commands, 0, 0, 0, , ,
[2022/02/18 09:18:57] [info] [1645175871487] Downloading server file list...
[2022/02/18 09:18:57] [info] [1645175871487] Downloading server file list...
Completed
[2022/02/18 09:18:58] [info] [1645175871487] Reading backup source from hard
disk...
[2022/02/18 09:18:58] [info] [1645175871487] Reading backup source from hard
disk... Completed
```

```

[2022/02/18 09:18:59] [info] [1645175871487] [New Directory]... /
[2022/02/18 09:18:59] [cbs] [1645175871487] new,/,25,25,1645175249000,,,D
[2022/02/18 09:18:59] [info] [1645175871487] [New Directory]... /mnt
[2022/02/18 09:18:59] [cbs] [1645175871487] new,/mnt,17,17,1645174743000,,,D
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 10% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 28% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 45% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 61% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 74% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 86% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 100% of
"/mnt/CloudBackup_001.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 10% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 10% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:18:59] [cbs] [1645175871487]
new,/mnt/CloudBackup_001.txt,331248,1272944,1371559803000,,,F
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 28% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 28% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 45% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 45% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 61% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 61% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 74% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 74% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 86% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 86% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 100% of
"/mnt/CloudBackup_003.txt"
[2022/02/18 09:18:59] [hide] [1645175871487] Chunk:
Path="/mnt/CloudBackup_003.txt", Offset=0, Length=331248, Raw Length=1272944,
Duplicated data ID=1, RawChecksum=CB3F6D20B0A1AD43, RawChecksumType=1,
BackupJob=20220218091837, BlockSeq=0, ChunkNo=1, FileID=3
[2022/02/18 09:18:59] [info] [1645175871487] Deduplication Info:
File="/mnt/CloudBackup_003.txt", duplicated file="/mnt/CloudBackup_001.txt
(2022-02-18-09-18-37)", size="1,272,944"
[2022/02/18 09:18:59] [cbs] [1645175871487] info,"Deduplication Info:
File="\mnt/CloudBackup_003.txt\", duplicated file="\mnt/CloudBackup_001.txt
(2022-02-18-09-18-37)\", size="\1,272,944\"",0,0,0,,,

```

```

[2022/02/18 09:18:59] [cbs] [1645175871487]
new,/mnt/CloudBackup_003.txt,331248,1272944,1371559803000,,,F
[2022/02/18 09:18:59] [info] [1645175871487] [New File]... 100% of
"/mnt/CloudBackup_002.txt"
[2022/02/18 09:18:59] [hide] [1645175871487] Chunk:
Path="/mnt/CloudBackup_002.txt", Offset=0, Length=331248, Raw Length=1272944,
Duplicated data ID=1, RawChecksum=CB3F6D20B0A1AD43, RawChecksumType=1,
BackupJob=20220218091837, BlockSeq=0, ChunkNo=1, FileID=4
[2022/02/18 09:18:59] [info] [1645175871487] Deduplication Info:
File="/mnt/CloudBackup_002.txt", duplicated file="/mnt/CloudBackup_001.txt
(2022-02-18-09-18-37)", size="1,272,944"
[2022/02/18 09:18:59] [cbs] [1645175871487] info,"Deduplication Info:
File=\"/mnt/CloudBackup_002.txt\", duplicated file=\"/mnt/CloudBackup_001.txt
(2022-02-18-09-18-37)\", size=\"1,272,944\\\"\",0,0,0,,,
[2022/02/18 09:18:59] [cbs] [1645175871487]
new,/mnt/CloudBackup_002.txt,331248,1272944,1371559803000,,,F
[2022/02/18 09:19:00] [info] [1645175871487] Start validating the presence
and size of backup data in destination "AhsayCBS"...
[2022/02/18 09:19:00] [cbs] [1645175871487] info,"Start validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 09:19:00] [info] [1645175871487] File:
"1645175684755/blocks/2022-02-18-09-18-37/0/000000.bak", Size: 331,248, OK
[2022/02/18 09:19:00] [cbs] [1645175871487] info,"File:
\"1645175684755/blocks/2022-02-18-09-18-37/0/000000.bak\", Size: 331,248,
OK",0,0,0,,,
[2022/02/18 09:19:00] [info] [1645175871487] Finished validating the presence
and size of backup data in destination "AhsayCBS"
[2022/02/18 09:19:00] [cbs] [1645175871487] info,"Finished validating the
presence and size of backup data in destination \"AhsayCBS\"...",0,0,0,,,
[2022/02/18 09:19:00] [info] [1645175871487] Total New Files = 3
[2022/02/18 09:19:00] [info] [1645175871487] Total New Directories = 2
[2022/02/18 09:19:00] [info] [1645175871487] Total New Links = 0
[2022/02/18 09:19:00] [info] [1645175871487] Total Updated Files = 0
[2022/02/18 09:19:00] [info] [1645175871487] Total Attributes Changed Files =
0
[2022/02/18 09:19:00] [info] [1645175871487] Total Deleted Files = 0
[2022/02/18 09:19:00] [info] [1645175871487] Total Deleted Directories = 0
[2022/02/18 09:19:00] [info] [1645175871487] Total Deleted Links = 0
[2022/02/18 09:19:00] [info] [1645175871487] Total Moved Files = 0
[2022/02/18 09:19:00] [info] [1645175871487] Total Dedupe Saving for this job
= 2.43MB
[2022/02/18 09:19:00] [info] [1645175871487] Total Backup Data Size for this
job = 3.64MB
[2022/02/18 09:19:00] [info] [1645175871487] Total Dedupe Saving for
destination = 2.43MB
[2022/02/18 09:19:00] [info] [1645175871487] Total Backup Data Size for
destination = 3.64MB
[2022/02/18 09:19:01] [info] [-] Saving server information to destination.
[2022/02/18 09:19:01] [cbs] [-] info,Saving server information to
destination.,0,0,0,,,
[2022/02/18 09:19:01] [info] [1645175871487] Saving encrypted backup file
index to 1645175684755/blocks/2022-02-18-09-18-37 at destination AhsayCBS...
[2022/02/18 09:19:01] [hide] [1645175871487] Transfer
file='1645175684755/blocks/2022-02-18-09-18-
37/index.db.21000.17f0c20a7de.cgz'
[2022/02/18 09:19:01] [hide] [1645175871487] Transfer

```

```
file='1645175684755/blocks/2022-02-18-09-18-37/index.db_2022-02-18-09-18-37.chk.68.17f0c20aa3c.cgz'
[2022/02/18 09:19:01] [hide] [1645175871487] Transfer index.metadata, file=
'1645175684755/blocks/2022-02-18-09-18-37/index.metadata.cgz'
[2022/02/18 09:19:01] [hide] [1645175871487] Transfer
file='1645175684755/blocks/2022-02-18-09-18-37/backupInfo.db.b000.17f0c20a788.cgz'
[2022/02/18 09:19:01] [info] [-] Start running post-commands
[2022/02/18 09:19:01] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2022/02/18 09:19:01] [info] [-] Finished running post-commands
[2022/02/18 09:19:01] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2022/02/18 09:19:04] [info] [1645175871487] Deleting temporary file
/root/tmp/1645175684755/OBS@1645175871487
[2022/02/18 09:19:05] [info] [1645175871487] Backup Completed Successfully
[2022/02/18 09:19:05] [cbs] [1645175871487] end,BS_STOP_SUCCESS,0,0,0,,,
```



## Appendix E System Files for Continuous Backup Exclusion on Windows OS

Below is a list of system files you chose to exclude from the continuous backup:

- C:\Program Files
- C:\Windows
- Pagefile.sys
- hiberfil.sys
- \*.tmp
- \*.part
- System Volume Information
- \$Recycle.Bin (Vista, 2008/R2, Win7)
- RECYCLER (2000, XP, 2003)
- RECYCLED
- C:\Documents and Settings\All Users\Application Data\Microsoft, C:\ProgramData\Microsoft
- C:\Documents and Settings\All Users\Application Data\Kaspersky Lab
- C:\Documents and Settings\All Users\Application Data\Symantec
- C:\Documents and Settings\All Users\Application Data\Avg7
- C:\Documents and Settings\All Users\Application Data\Avg8
- C:\Documents and Settings\All Users\Application Data\McAfee
- C:\Documents and Settings\All Users\Application Data\McAfee.com
- C:\Documents and Settings\All Users\Application Data\Sophos
- ntuser.dat ntuser.dat.log
- \*AppData\Local\Microsoft\\*
- \*AppData\Local\Temp\\*
- \*AppData\Roaming Data\Microsoft\\*
- \*Local Settings\Application Data\Microsoft\\*
- \*Local Settings\Temporary Internet Files
- \*Local Settings\Temp
- \*Local Settings\History
- \*LOCALS~1\Temp
- \*LOCALS~1\Tempor~1
- \*LOCALS~1\History
- ~\$\*.doc
- ~\$\*.ppt
- ~\$\*.xls
- ~\$\*.dot