

Ahsay Online Backup Manager v8

Backup Source File Filter Guide

Ahsay Systems Corporation Limited

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Revision History

Date	Descriptions	Type of modification
29 March 2019	Updated screenshot in Ch 4.1, 4.2, 4.3, .4.4, 5.1, Appendix A, Appendix B, Appendix C and Appendix D	Modification

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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://nebc.nerc.ac.uk/courses/perl_bioperl/regex.pdf, and <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
Filter Name	Refers to the name of the filter of the backup set.
Matching Pattern	These matching pattern/s define the filtering rule.
For each of the matched files/folders under top directory	
<ul style="list-style-type: none"> Include Them 	This will include all the directories, files, and folders that matches the specified pattern/s.
<ul style="list-style-type: none"> Exclude Them 	This will exclude all the directories, files, and folders that do not match the specified pattern/s.
Exclusion/Inclusion	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.
Match file/folder names by	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"> Simple Comparison 	Starts With Directories, files, and folders with the name <u>starting</u> with a specific letter or word. Ends With Directories, files, and folders with the name <u>ending</u> with a specific letter or word. Contains Directories, files, and folders with the name <u>containing</u> the specific letter or word
<ul style="list-style-type: none"> Regular expression (UNIX-style) 	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.
How to Apply This Filter	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"> All hard disk drives 	Apply the specified filtering pattern to all available hard disk drives.
<ul style="list-style-type: none"> This folder only 	Apply the specified filtering pattern to a specific folder only.
Apply to	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

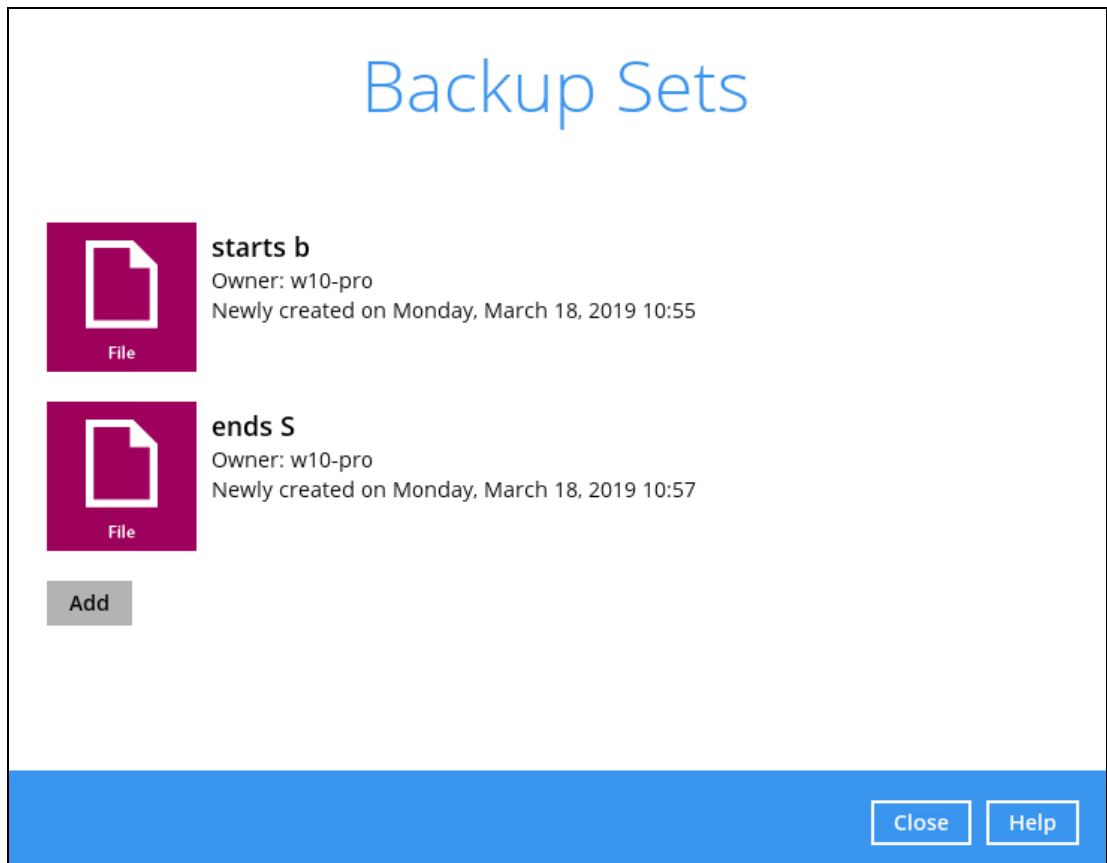
4 Managing filter for Windows OS

4.1 Create a backup set with filter

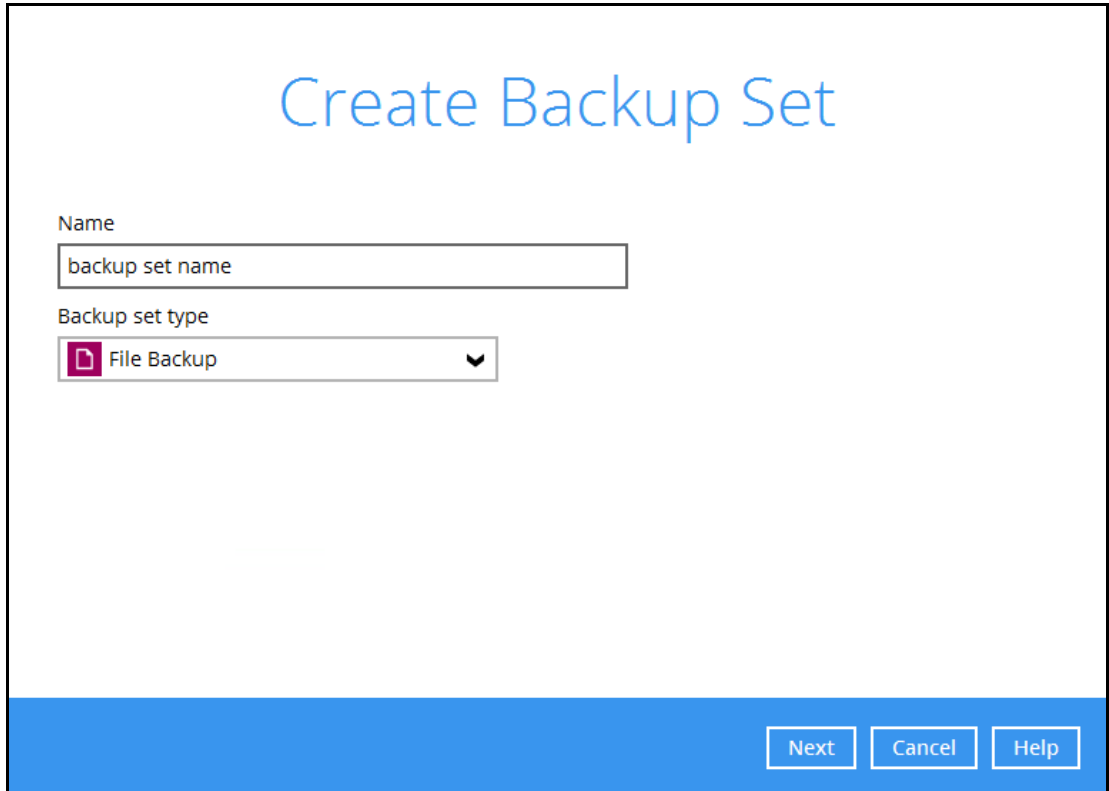
1. Go to **Backup Sets**.



2. Click the Add button.



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



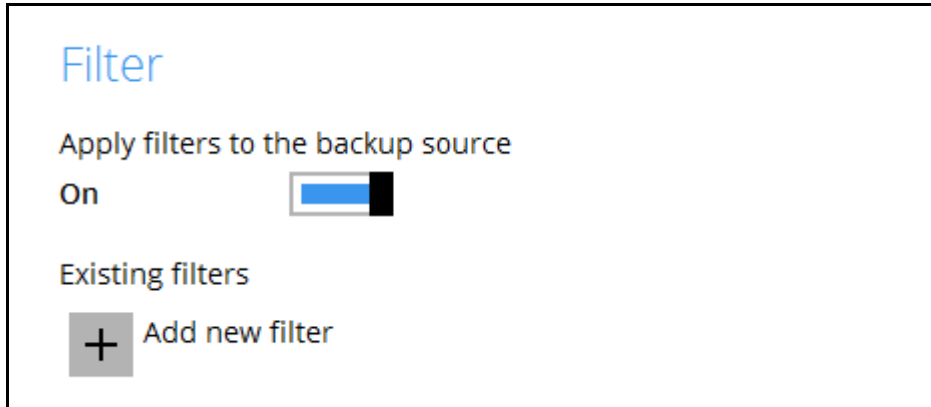
Create Backup Set

Name
backup set name

Backup set type
File Backup

Next Cancel Help

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

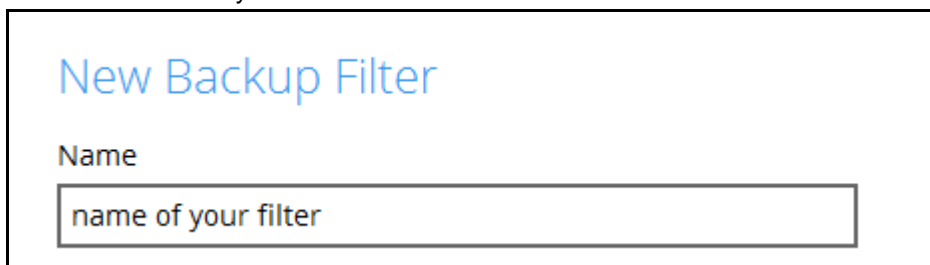


Filter

Apply filters to the backup source
On

Existing filters
+ Add new filter

5. Enter the name for your filter.



New Backup Filter

Name
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.

The image shows two screenshots of a backup configuration interface. Both screenshots are titled "For each of the matched files/folders under top directory".

The first screenshot shows the following options:

- Include them
- Exclude them
- Exclude all unmatched files/folders

The second screenshot shows the following options:

- Include them
- Exclude them
- Include all unmatched files/folders

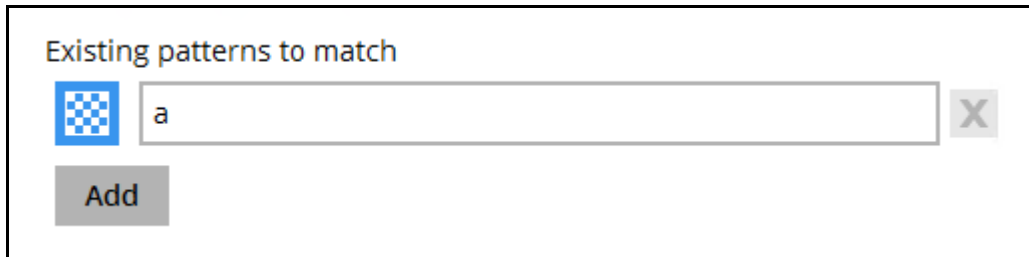
7. Choose how the pattern will be compared, if it will be by **Simple comparison** or **Regular expression**. For Simple comparison you have 3 choices:
- **starts with**, files/folders that begins with the pattern will be selected
 - **contains**, files/folders that contains the pattern will be selected
 - **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.

The image shows a screenshot of the "Match file/folder names by" configuration options. It includes a radio button for "Simple comparison" which is selected, and a dropdown menu with the following options: "ends with", "starts with", and "contains". The "ends with" option is currently selected in the dropdown. Below this, there is a section for "Existing patterns to match" with a checkbox and an input field.

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

a

9. Choose how the filter will be applied, whether in **All hard disk drives** or for **This folder only**. If for this folder only, specify the folder name.

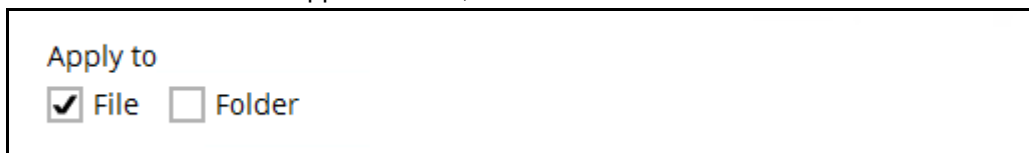


Apply this filter to all files/folders in

All hard disk drives

This folder only

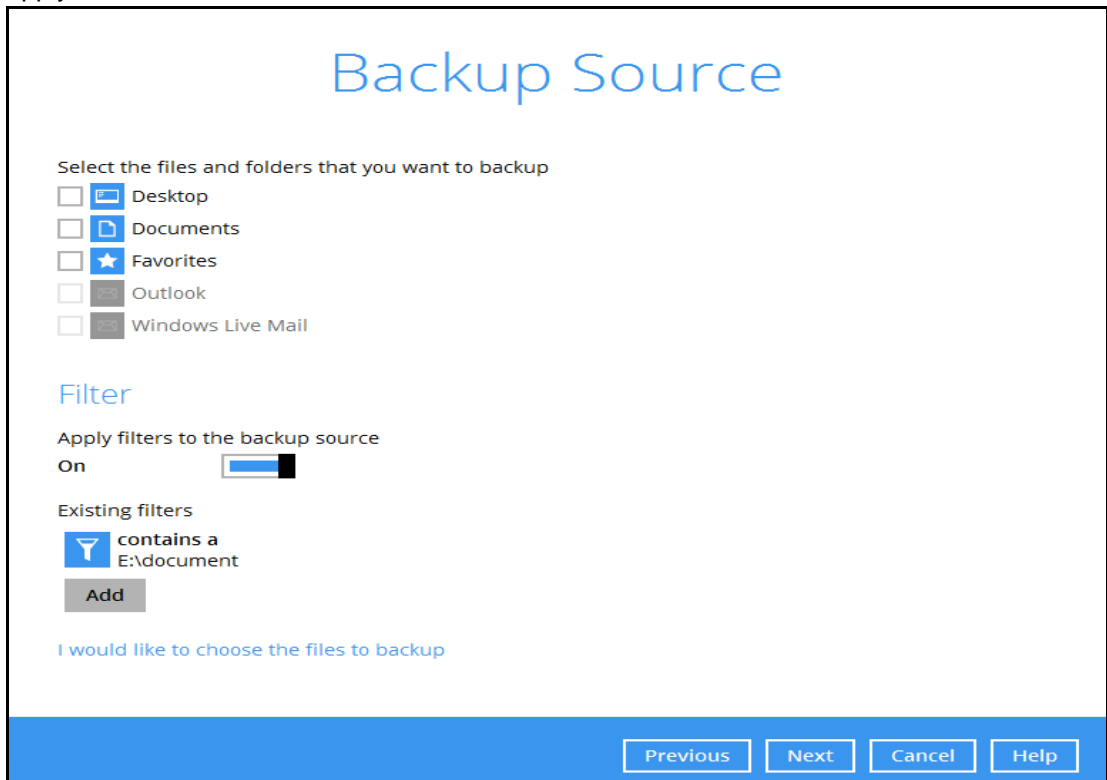
10. Select if the filter will be applied to **File**, **Folder** or both.



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

Documents

Favorites

Outlook

Windows Live Mail

Filter

Apply filters to the backup source

On

Existing filters

contains a E:\document

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

12. Slide the lever to the right if you want to create a backup schedule. Click Next.

Schedule

Run scheduled backup for this backup set

Off

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.

Destination

Backup mode

Sequential ▼

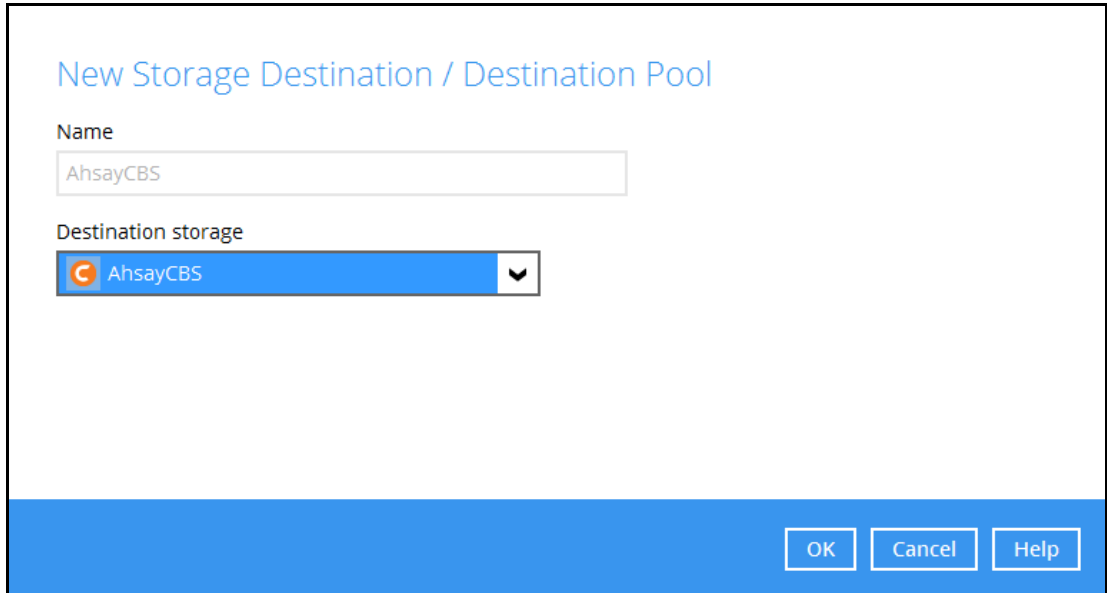
Existing storage destinations

+ Add new storage destination / destination pool

^ v

Previous Next Cancel Help

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



New Storage Destination / Destination Pool

Name

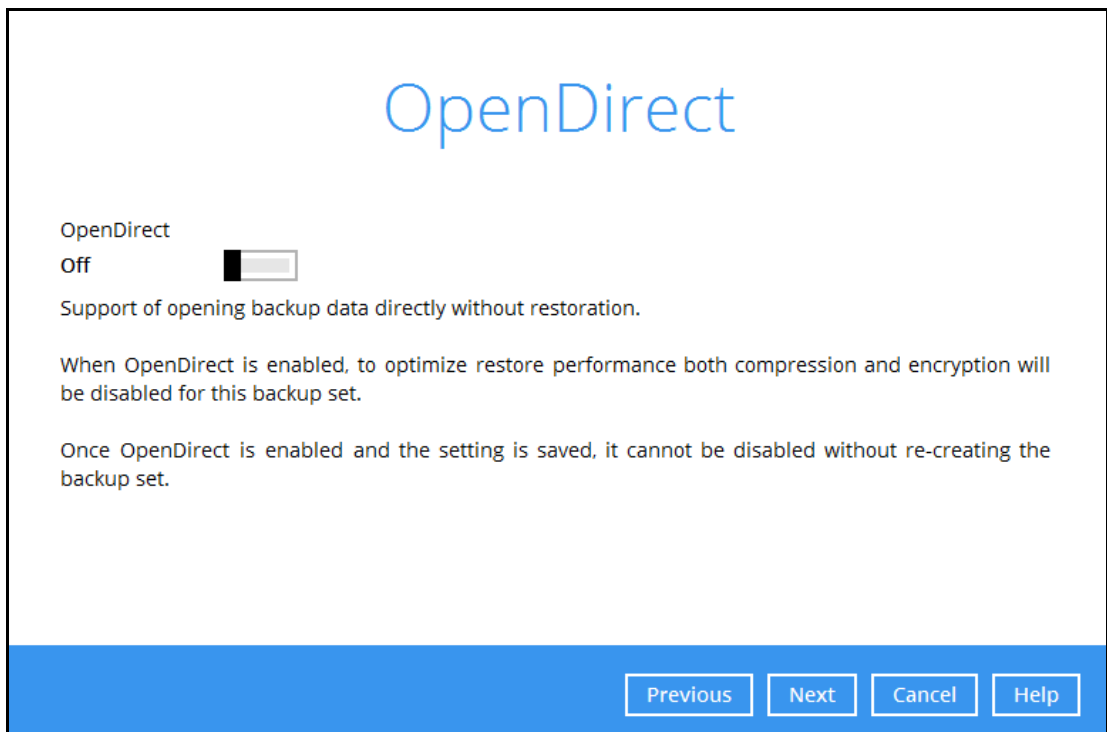
AhsayCBS

Destination storage

AhsayCBS

OK Cancel Help

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



OpenDirect

OpenDirect

Off

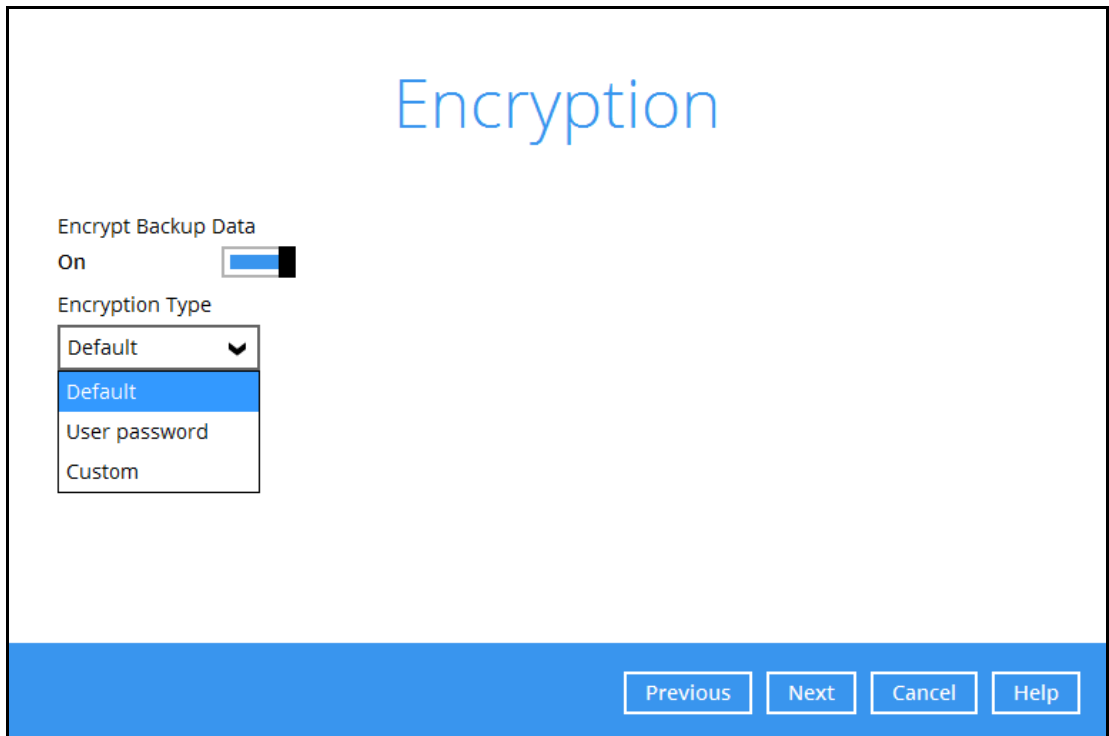
Support of opening backup data directly without restoration.

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.



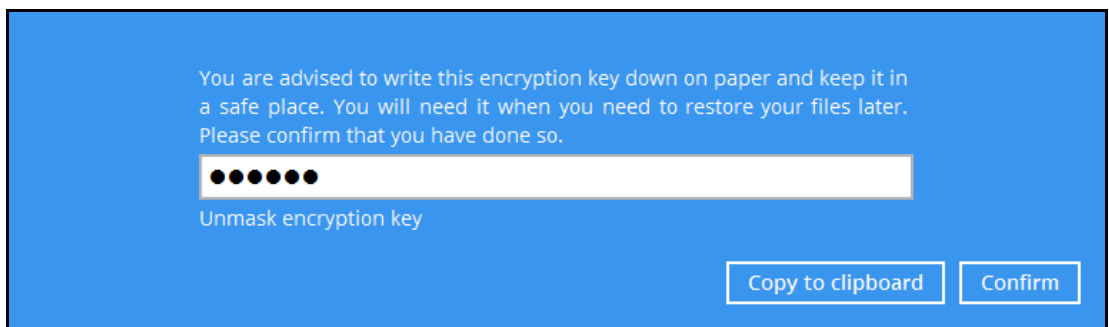
Encryption

Encrypt Backup Data
On

Encryption Type
Default
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.

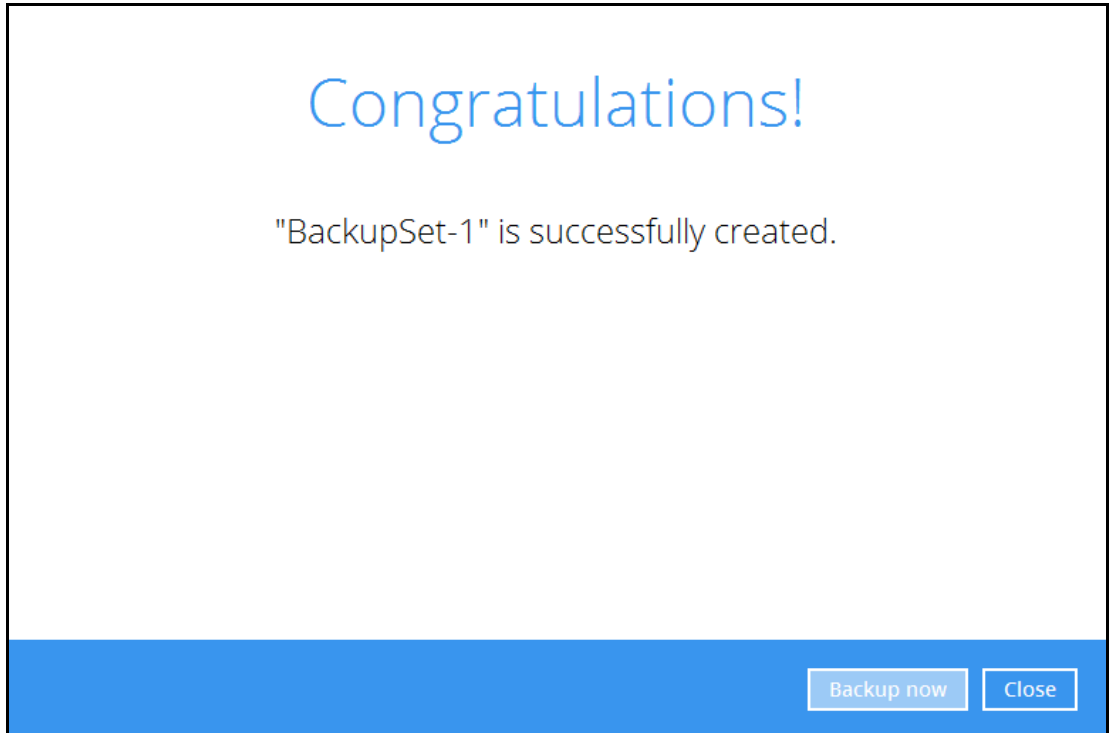


You are advised to write this encryption key down on paper and keep it in a safe place. You will need it when you need to restore your files later. Please confirm that you have done so.

Unmask encryption key

Copy to clipboard Confirm

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

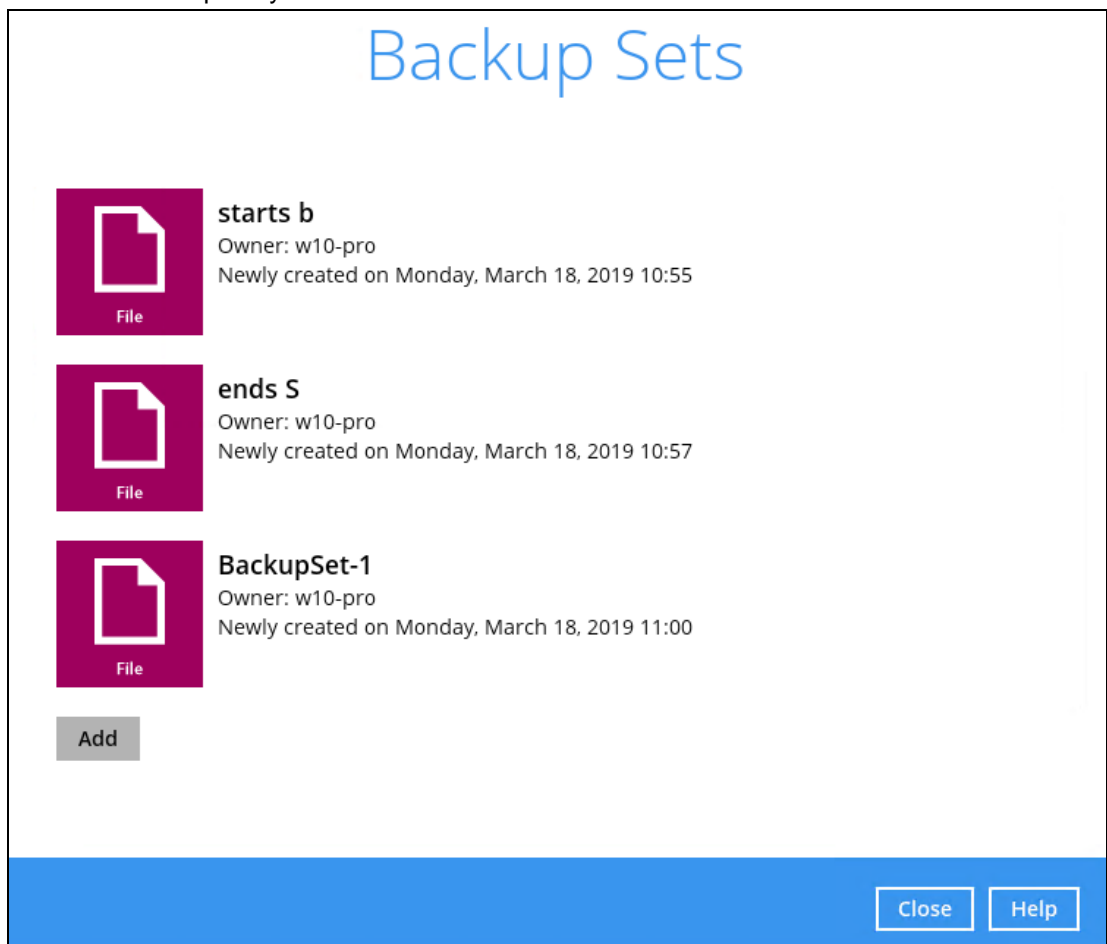


4.2 Edit existing backup set to add filter

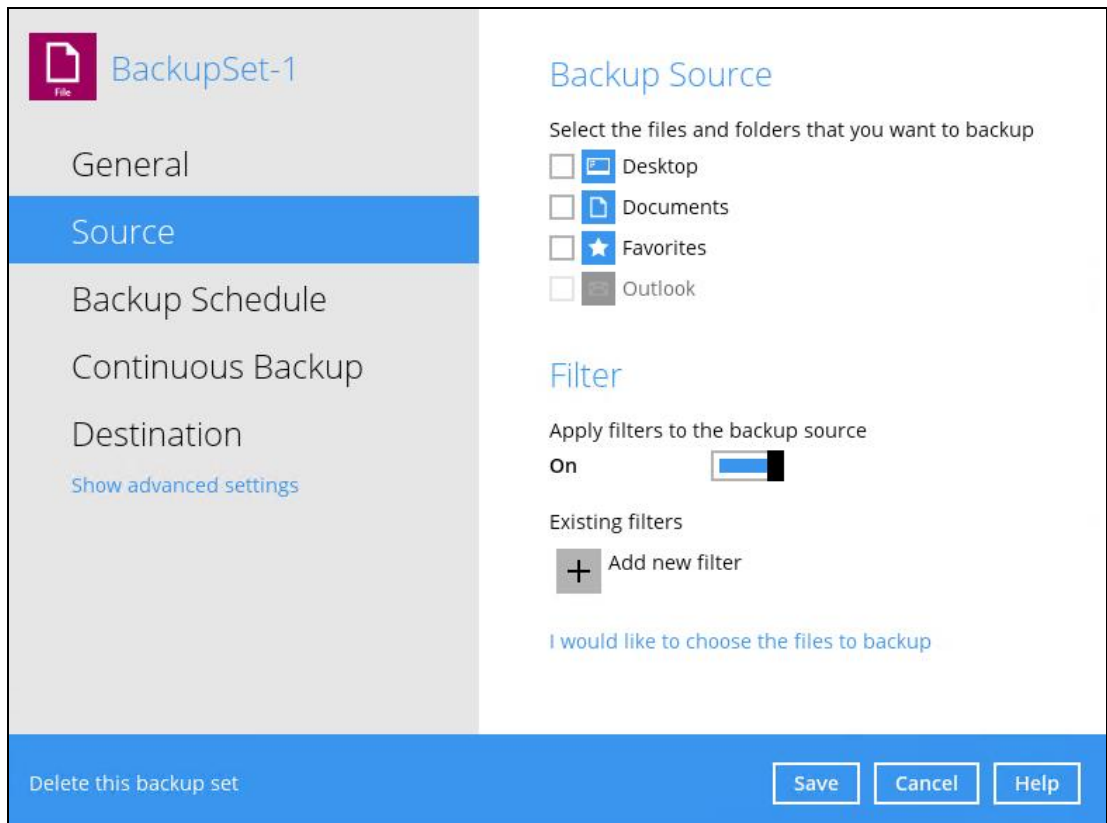
1. Go to **Backup Sets**.



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.

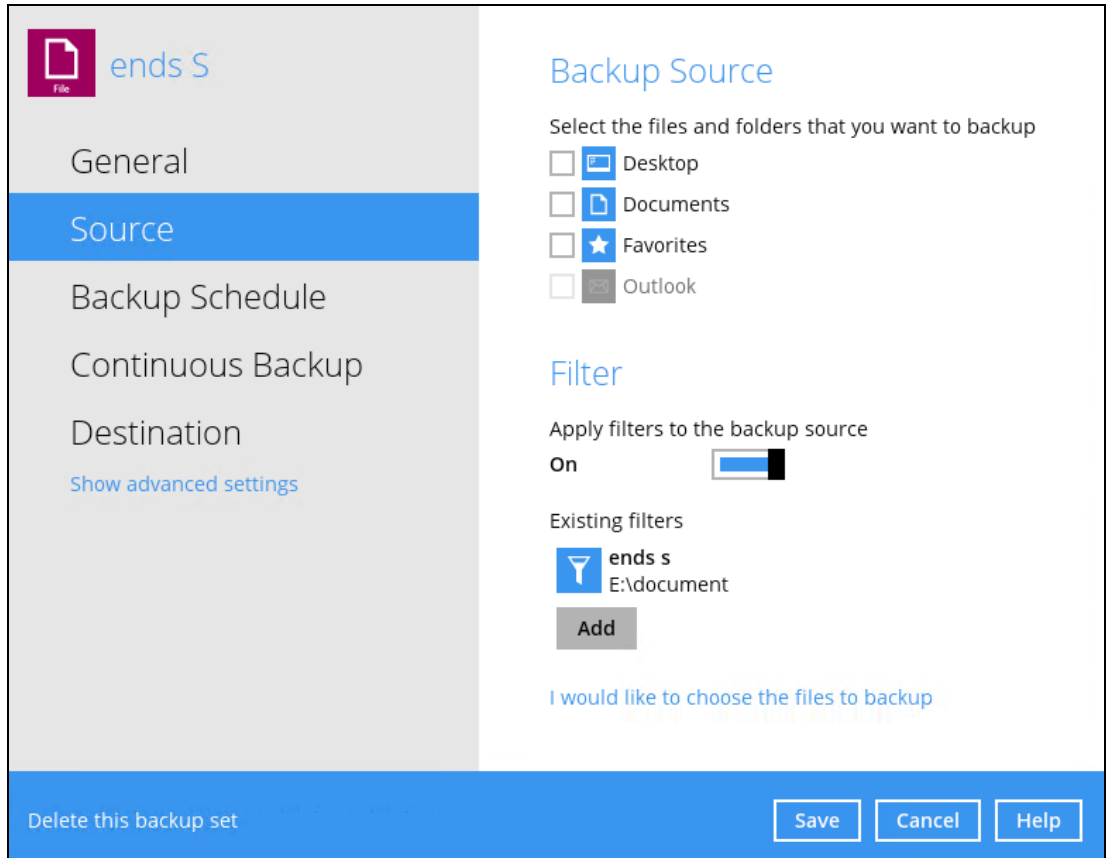


4. Then follow Steps 5-10 on how to create the filter which was discussed in the previous section.

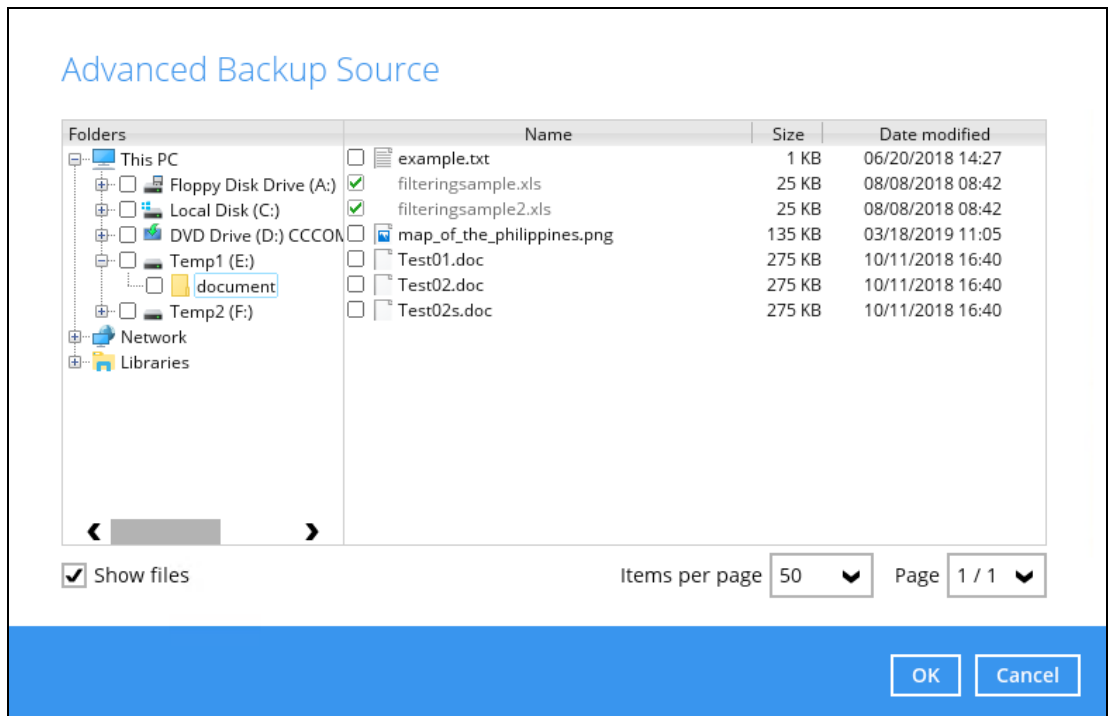
4.3 Check if filter is correct

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

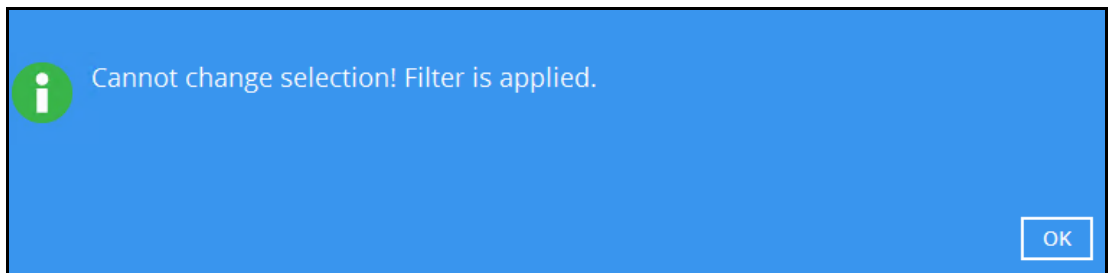
1. Go to your backup set then go to **Source**. Click **I would like to choose the files to backup**.



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.



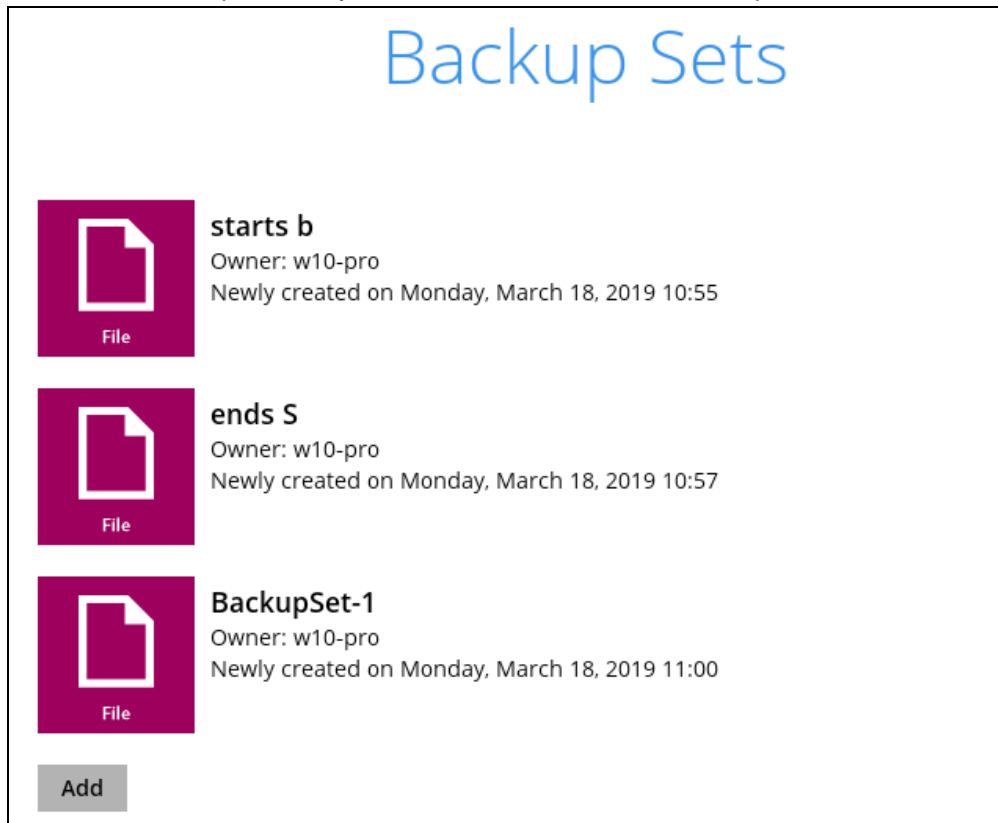
Note: Only files not included in the filter may be added for backup. Once filter is applied to a file it cannot be changed. You will see a message like the one below if you try to check/uncheck a filtered file.



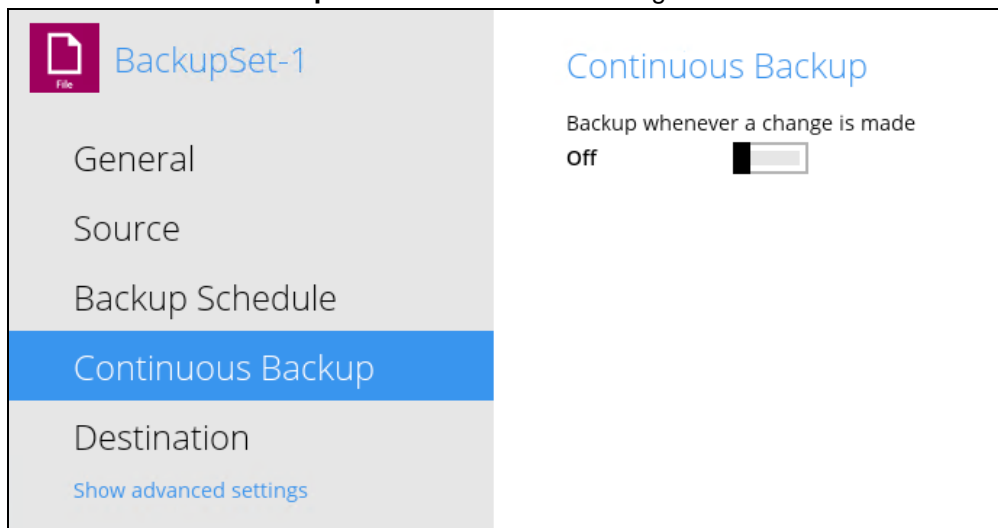
4.4 Filtering in Continuous Backup

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
 Regular expression (UNIX-style)

Existing patterns to match

Apply this filter to all files/folders in
 All selected sources
 This folder only

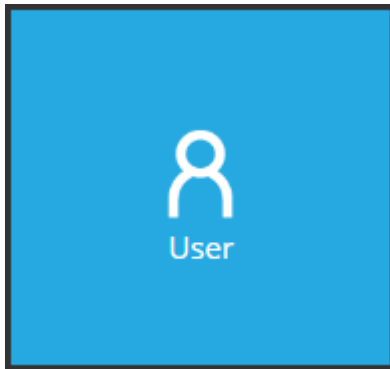
Apply to
 File Folder

- 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.

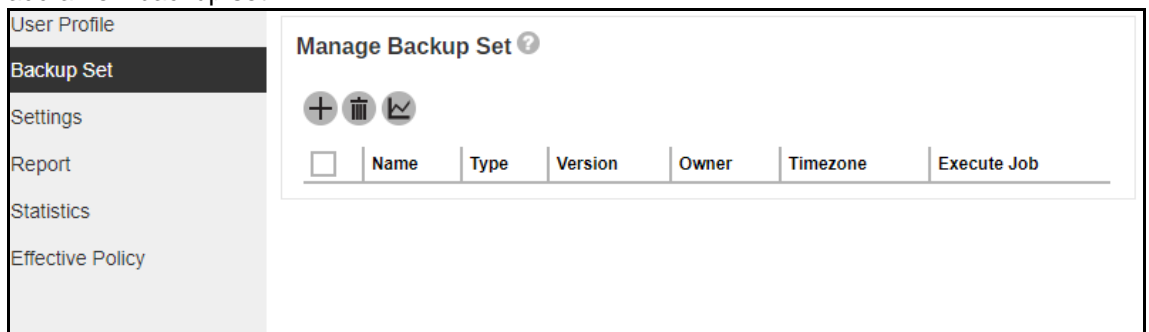
5 Managing filter for Linux/ FreeBSD OS

5.1 Create a backup set with filter

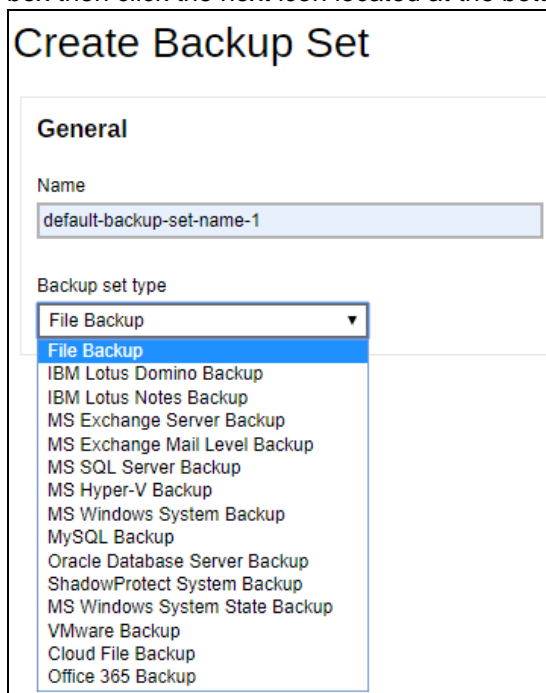
1. Login to AhsayCBS Web Console using valid credentials.
2. On the main screen, under Backup / Restore, go to **User**.



3. Select **Backup Set** located on the left side of the screen then click the plus sign (+) 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.



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 

Regular expression (UNIX-style)

Match file/folder names by

Simple comparison 

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

Specify a directory

Apply to

File Folder

+ X ?

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.

Check or uncheck the File or Folder checkbox to apply the specified filter to all files and/or folders or you can check both of it. 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 plus (+) sign at the bottom right corner of the screen to continue.

Backup Schedule

Details

Name

BackupSchedule-1

Type

Daily

Start backup at

18 : 00

Stop

until full backup completed

Run Retention Policy after backup

+ X ?

16. Add a new backup destination for this backup set.



Destination

Backup Mode

Sequential

Concurrent

Sequential

+ -

Name

From the Backup Mode dropdown box, select either Sequential or Concurrent. In our example, we selected Sequential.

Add a Destination by your backup service provider by clicking (+) in the middle of the screen



Add Destination

Name

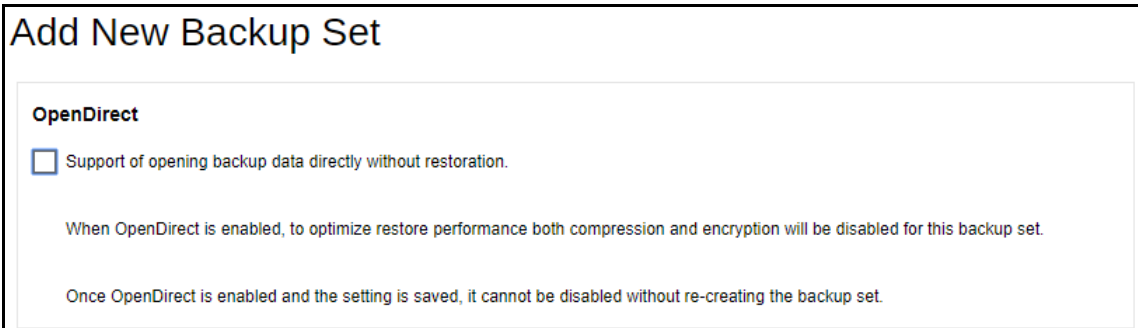
AhsayCBS

GoogleDrive-1

+ X ?

Select the destination and click the plus (+) sign at the bottom right corner of the screen to continue.

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 Save to create the Backup Set.

Add New Backup Set

Windows User Authentication

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

User name

Password

← Save X ?

19. This is the newly created backup set.

User Profile

Backup Set

Settings

Report

Statistics

Effective Policy

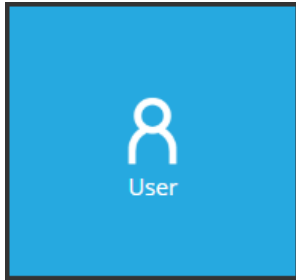
Manage Backup Set ?

+ - ↻

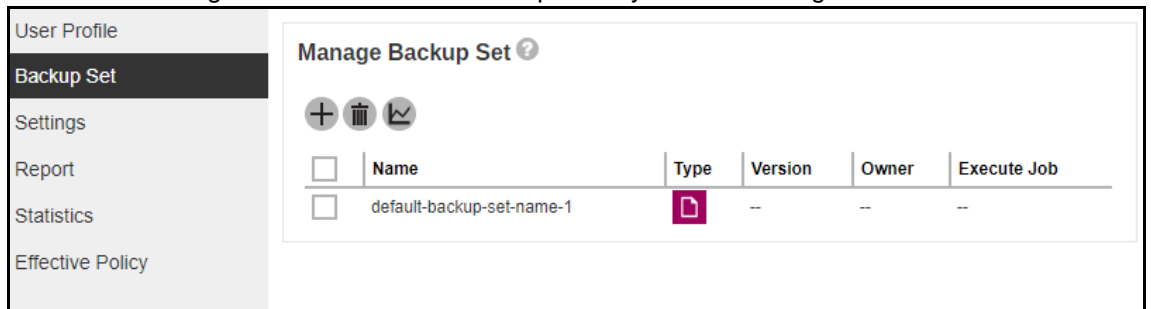
<input type="checkbox"/>	Name	Type	Version	Owner	Execute Job
<input type="checkbox"/>	default-backup-set-name-1		--	--	--


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.

A screenshot of a web application interface. On the left is a sidebar menu with items: User Profile, Backup Set (highlighted), Settings, Report, Statistics, and Effective Policy. The main content area is titled "Manage Backup Set" and contains a table with columns: Name, Type, Version, Owner, and Execute Job. There are also icons for adding, deleting, and refreshing. The table has one row with the name "default-backup-set-name-1" and a document icon in the Type column.

<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](#), pages 21 to 23.

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 Backup/Restore> User> Report . 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, #cd /root/.obm/log . 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?

http://wiki.ahsay.com/doku.php?id=public:5057_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
contains a

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
A

Add

Apply this filter to all files/folders in
 All hard disk drives
 This folder only
E:\document Change

Apply to
 File Folder

The result is:

Folders	Name
[-] This PC	<input checked="" type="checkbox"/> example.txt
[-] Floppy Disk Drive (A:)	<input checked="" type="checkbox"/> filteringsample.xls
[-] Local Disk (C:)	<input checked="" type="checkbox"/> filteringsample2.xls
[-] DVD Drive (D:) CCCOM	<input checked="" type="checkbox"/> map_of_the_philippines.png
[-] Temp1 (E:)	<input checked="" type="checkbox"/> samplemap.jpg
[-] document	<input type="checkbox"/> Test01.doc
[-] Temp2 (F:)	<input type="checkbox"/> Test02.doc
[-] Network	<input type="checkbox"/> Test02s.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: true][Name: contains a, Type: contain, Top Directory: E:\document, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [A]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/28/2019 09:26
2	new	E\document	4k / 4k (0%)	03/28/2019 09:26
3	new	E\document\example.txt	320 / 304 (0%)	06/20/2018 14:27
4	new	E\document\filteringsample.txt	25k / 25k (0%)	08/08/2018 08:42
5	new	E\document\filteringsample2.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	E\document\map_of_the_philippines.png	134k / 134k (0%)	03/18/2019 11:05
7	new	E\document\samplemap.jpg	57k / 57k (0%)	03/18/2019 11:06

Backup Log:

```
[2019/03/28 09:27:46] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 09:27:46] [cbs] [1553736424492] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 09:27:46] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 09:27:46] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 09:27:47] [info] [1553736424492] Start Backup ...
[In-File Delta: Full]
[2019/03/28 09:27:47] [info] [1553736424492] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553736194492\OBS@1553736424492
[2019/03/28 09:27:47] [cbs] [1553736424492] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553736194492\OBS@1553736424492,
0,0,0,,,
[2019/03/28 09:27:47] [info] [-] Start running pre-commands
[2019/03/28 09:27:47] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 09:27:47] [info] [-] Finished running pre-commands
[2019/03/28 09:27:47] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 09:27:47] [info] [1553736424492] Downloading server
file list...
[2019/03/28 09:27:48] [info] [1553736424492] Downloading server
file list... Completed
[2019/03/28 09:27:49] [info] [1553736424492] Reading backup
source from hard disk...
[2019/03/28 09:27:50] [info] [1553736424492] Reading backup
source from hard disk... Completed
[2019/03/28 09:27:50] [info] [1553736424492] [New Directory]...
E:\
[2019/03/28 09:27:50] [cbs] [1553736424492]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 09:27:50] [info] [1553736424492] [New Directory]...
E:\document
[2019/03/28 09:27:50] [cbs] [1553736424492]
new,E:\document,4096,4096,1553736372289,,,D
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 100%
of "E:\document\example.txt"
[2019/03/28 09:27:50] [cbs] [1553736424492]
new,E:\document\example.txt,320,304,1529476027367,,,F
```

```

[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 64% of
"E:\document\filteringsample.xls"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 96% of
"E:\document\filteringsample.xls"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 100%
of "E:\document\filteringsample.xls"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 64% of
"E:\document\filteringsample2.xls"
[2019/03/28 09:27:50] [cbs] [1553736424492]
new,E:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 96% of
"E:\document\filteringsample2.xls"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 100%
of "E:\document\filteringsample2.xls"
[2019/03/28 09:27:50] [cbs] [1553736424492]
new,E:\document\filteringsample2.xls,25616,25600,1533688940465,,,
F
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 17% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 29% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 41% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 53% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 65% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 77% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 89% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 100%
of "E:\document\map_of_the_philippines.png"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 27% of
"E:\document\samplemap.jpg"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 41% of
"E:\document\samplemap.jpg"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 55% of
"E:\document\samplemap.jpg"
[2019/03/28 09:27:50] [cbs] [1553736424492]
new,E:\document\map_of_the_philippines.png,137408,137402,15528783
07168,,,F
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 69% of
"E:\document\samplemap.jpg"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 83% of
"E:\document\samplemap.jpg"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 97% of
"E:\document\samplemap.jpg"
[2019/03/28 09:27:50] [info] [1553736424492] [New File]... 100%
of "E:\document\samplemap.jpg"
[2019/03/28 09:27:50] [cbs] [1553736424492]
new,E:\document\samplemap.jpg,58992,58987,1552878369655,,,F
[2019/03/28 09:27:51] [info] [1553736424492] Total New Files = 5
[2019/03/28 09:27:51] [info] [1553736424492] Total New
Directories = 2
[2019/03/28 09:27:51] [info] [1553736424492] Total New Links = 0
[2019/03/28 09:27:51] [info] [1553736424492] Total Updated Files
= 0
[2019/03/28 09:27:51] [info] [1553736424492] Total Attributes
Changed Files = 0
[2019/03/28 09:27:51] [info] [1553736424492] Total Deleted Files
= 0
[2019/03/28 09:27:51] [info] [1553736424492] Total Deleted
Directories = 0

```

```
[2019/03/28 09:27:51] [info] [1553736424492] Total Deleted Links = 0
[2019/03/28 09:27:51] [info] [1553736424492] Total Moved Files = 0
[2019/03/28 09:27:52] [info] [1553736424492] Saving encrypted backup file index to 1553736194492/blocks at destination AhsayCBS...
[2019/03/28 09:27:53] [info] [1553736424492] Saving encrypted backup file index to 1553736194492/blocks/2019-03-28-09-27-45 at destination AhsayCBS...
[2019/03/28 09:27:53] [info] [-] Start running post-commands
[2019/03/28 09:27:53] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 09:27:53] [info] [-] Finished running post-commands
[2019/03/28 09:27:53] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 09:27:53] [info] [1553736424492] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553736194492\OBS@1553736424492
[2019/03/28 09:27:53] [info] [1553736424492] Backup Completed Successfully
[2019/03/28 09:27:53] [cbs] [1553736424492]
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.

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
 X

Apply this filter to all files/folders in
 All hard disk drives
 This folder only

Apply to
 File Folder

The result is:

Advanced Backup Source

Folders	Name
[-] This PC	<input checked="" type="checkbox"/> example.txt
[-] Floppy Disk Drive (A:)	<input checked="" type="checkbox"/> filteringsample.xls
[-] Local Disk (C:)	<input checked="" type="checkbox"/> filteringsample2.xls
[-] DVD Drive (D:) CCCOM	<input checked="" type="checkbox"/> map_of_the_philippines.png
[-] Temp1 (E:)	<input checked="" type="checkbox"/> samplemap.jpg
[-] document	<input type="checkbox"/> Test01.doc
[-] Temp2 (F:)	<input type="checkbox"/> Test02.doc
[-] Network	<input type="checkbox"/> Test02s.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: true][Name: contains a, Type: contain, Top Directory: E:\document, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, . Apply to files: Yes, Pattern: [A]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E:\	4k / 4k (0%)	03/28/2019 09:26
2	new	E:\document	4k / 4k (0%)	03/28/2019 09:26
3	new	E:\document\example.txt	320 / 304 (0%)	06/20/2018 14:27
4	new	E:\document\filteringsample.xls	25k / 25k (0%)	08/08/2018 08:42
5	new	E:\document\filteringsample2.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	E:\document\map_of_the_philippines.png	134k / 134k (0%)	03/18/2019 11:05
7	new	E:\document\samplemap.jpg	57k / 57k (0%)	03/18/2019 11:06

Backup Log:

```
[2019/03/28 09:32:27] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 09:32:27] [cbs] [1553736726644] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 09:32:27] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 09:32:27] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 09:32:29] [info] [1553736726644] Start Backup ...
[In-File Delta: Full]
[2019/03/28 09:32:29] [info] [1553736726644] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553736672175\OBS@1553736726644
[2019/03/28 09:32:29] [cbs] [1553736726644] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553736672175\OBS@1553736726644,
0,0,0,,,
[2019/03/28 09:32:29] [info] [-] Start running pre-commands
[2019/03/28 09:32:29] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 09:32:29] [info] [-] Finished running pre-commands
[2019/03/28 09:32:29] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 09:32:29] [info] [1553736726644] Downloading server
file list...
[2019/03/28 09:32:29] [info] [1553736726644] Downloading server
file list... Completed
[2019/03/28 09:32:30] [info] [1553736726644] Reading backup
source from hard disk...
[2019/03/28 09:32:31] [info] [1553736726644] Reading backup
source from hard disk... Completed
[2019/03/28 09:32:31] [info] [1553736726644] [New Directory]...
E:\
[2019/03/28 09:32:32] [cbs] [1553736726644]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 09:32:32] [info] [1553736726644] [New Directory]...
E:\document
[2019/03/28 09:32:32] [cbs] [1553736726644]
new,E:\document,4096,4096,1553736372289,,,D
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 100%
of "E:\document\example.txt"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 64% of
"E:\document\filteringsample.xls"
```

```
[2019/03/28 09:32:32] [cbs] [1553736726644]
new,E:\document\example.txt,320,304,1529476027367,,,F
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 96% of
"E:\document\filteringsample.xls"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 100%
of "E:\document\filteringsample.xls"
[2019/03/28 09:32:32] [cbs] [1553736726644]
new,E:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 64% of
"E:\document\filteringsample2.xls"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 96% of
"E:\document\filteringsample2.xls"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 100%
of "E:\document\filteringsample2.xls"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 17% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 29% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 41% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 53% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 65% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [cbs] [1553736726644]
new,E:\document\filteringsample2.xls,25616,25600,1533688940465,,,
F
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 77% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 89% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 100%
of "E:\document\map_of_the_philippines.png"
[2019/03/28 09:32:32] [cbs] [1553736726644]
new,E:\document\map_of_the_philippines.png,137408,137402,15528783
07168,,,F
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 27% of
"E:\document\samplemap.jpg"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 41% of
"E:\document\samplemap.jpg"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 55% of
"E:\document\samplemap.jpg"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 69% of
"E:\document\samplemap.jpg"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 83% of
"E:\document\samplemap.jpg"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 97% of
"E:\document\samplemap.jpg"
[2019/03/28 09:32:32] [info] [1553736726644] [New File]... 100%
of "E:\document\samplemap.jpg"
[2019/03/28 09:32:32] [cbs] [1553736726644]
new,E:\document\samplemap.jpg,58992,58987,1552878369655,,,F
[2019/03/28 09:32:33] [info] [1553736726644] Total New Files = 5
[2019/03/28 09:32:33] [info] [1553736726644] Total New
Directories = 2
[2019/03/28 09:32:33] [info] [1553736726644] Total New Links = 0
[2019/03/28 09:32:33] [info] [1553736726644] Total Updated Files
= 0
[2019/03/28 09:32:33] [info] [1553736726644] Total Attributes
Changed Files = 0
[2019/03/28 09:32:33] [info] [1553736726644] Total Deleted Files
= 0
[2019/03/28 09:32:33] [info] [1553736726644] Total Deleted
Directories = 0
```

```
[2019/03/28 09:32:33] [info] [1553736726644] Total Deleted Links = 0
[2019/03/28 09:32:33] [info] [1553736726644] Total Moved Files = 0
[2019/03/28 09:32:33] [info] [1553736726644] Saving encrypted backup file index to 1553736672175/blocks at destination AhsayCBS...
[2019/03/28 09:32:34] [info] [1553736726644] Saving encrypted backup file index to 1553736672175/blocks/2019-03-28-09-32-27 at destination AhsayCBS...
[2019/03/28 09:32:34] [info] [-] Start running post-commands
[2019/03/28 09:32:34] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 09:32:34] [info] [-] Finished running post-commands
[2019/03/28 09:32:34] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 09:32:34] [info] [1553736726644] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553736672175\OBS@1553736726644
[2019/03/28 09:32:34] [info] [1553736726644] Backup Completed Successfully
[2019/03/28 09:32:34] [cbs] [1553736726644]
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

X

Apply this filter to all files/folders in

All hard disk drives
 This folder only

Apply to

File Folder

The result is:

Advanced Backup Source

Folders	Name
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> <input type="checkbox"/> Floppy Disk Drive (A:) <input type="checkbox"/> Local Disk (C:) <input type="checkbox"/> DVD Drive (D:) CCCOM <input type="checkbox"/> Temp1 (E:) <ul style="list-style-type: none"> <input type="checkbox"/> document <input type="checkbox"/> Temp2 (F:) [-] Network 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> example.txt <input type="checkbox"/> filteringsample.xls <input type="checkbox"/> filteringsample2.xls <input checked="" type="checkbox"/> map_of_the_philippines.png <input checked="" type="checkbox"/> samplemap.jpg <input checked="" type="checkbox"/> Test01.doc <input checked="" type="checkbox"/> Test02.doc <input checked="" type="checkbox"/> Test02s.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: true][Name: ends s, Type: ends with, Top Directory: E:\document, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, A pply to files: Yes, Pattern: [s]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Da y: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/28/2019 09:26
2	new	E\document	4k / 4k (0%)	03/28/2019 09:26
3	new	E\document\Test02.txt	320 / 304 (0%)	06/20/2018 14:27
4	new	E\document\Test01.txt	320 / 304 (0%)	06/20/2018 14:27
5	new	E\document\Test02s.txt	320 / 304 (0%)	06/20/2018 14:27
6	new	E\document\example.txt	320 / 304 (0%)	06/20/2018 14:27
7	new	E\document\map_of_the_philippines.png	134k / 134k (0%)	03/18/2019 11:05
8	new	E\document\samplemap.jpg	57k / 57k (0%)	03/18/2019 11:06

Backup Log:

```
[2019/03/28 09:35:54] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 09:35:54] [cbs] [1553736938127] start,"Start [ Windows 10
(w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 09:35:54] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 09:35:54] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 09:35:55] [info] [1553736938127] Start Backup ... [In-
File Delta: Full]
[2019/03/28 09:35:55] [info] [1553736938127] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553736887612\OBS@1553736938127
[2019/03/28 09:35:55] [cbs] [1553736938127] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553736887612\OBS@1553736938127,0,0,
0,,,
[2019/03/28 09:35:55] [info] [-] Start running pre-commands
[2019/03/28 09:35:55] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 09:35:55] [info] [-] Finished running pre-commands
[2019/03/28 09:35:55] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 09:35:55] [info] [1553736938127] Downloading server file
list...
[2019/03/28 09:35:55] [info] [1553736938127] Downloading server file
list... Completed
[2019/03/28 09:35:56] [info] [1553736938127] Reading backup source
from hard disk...
[2019/03/28 09:35:57] [info] [1553736938127] Reading backup source
from hard disk... Completed
[2019/03/28 09:35:58] [info] [1553736938127] [New Directory]... E:\
[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 09:35:58] [info] [1553736938127] [New Directory]...
E:\document
[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\document,4096,4096,1553736372289,,,D
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 100% of
"E:\document\Test02.txt"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 100% of
"E:\document\Test01.txt"
[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\document\Test02.txt,320,304,1529476027367,,,F
```

```

[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\document\Test01.txt,320,304,1529476027367,,,F
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 100% of
"E:\document\Test02s.txt"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 100% of
"E:\document\example.txt"
[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\document\Test02s.txt,320,304,1529476027367,,,F
[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\document\example.txt,320,304,1529476027367,,,F
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 17% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 29% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 41% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 53% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 65% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 77% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 89% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 100% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 27% of
"E:\document\samplemap.jpg"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 41% of
"E:\document\samplemap.jpg"
[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\document\map_of_the_philippines.png,137408,137402,155287830716
8,,,F
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 55% of
"E:\document\samplemap.jpg"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 69% of
"E:\document\samplemap.jpg"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 83% of
"E:\document\samplemap.jpg"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 97% of
"E:\document\samplemap.jpg"
[2019/03/28 09:35:58] [info] [1553736938127] [New File]... 100% of
"E:\document\samplemap.jpg"
[2019/03/28 09:35:58] [cbs] [1553736938127]
new,E:\document\samplemap.jpg,58992,58987,1552878369655,,,F
[2019/03/28 09:35:59] [info] [1553736938127] Total New Files = 6
[2019/03/28 09:35:59] [info] [1553736938127] Total New Directories =
2
[2019/03/28 09:35:59] [info] [1553736938127] Total New Links = 0
[2019/03/28 09:35:59] [info] [1553736938127] Total Updated Files = 0
[2019/03/28 09:35:59] [info] [1553736938127] Total Attributes Changed
Files = 0
[2019/03/28 09:35:59] [info] [1553736938127] Total Deleted Files = 0
[2019/03/28 09:35:59] [info] [1553736938127] Total Deleted
Directories = 0
[2019/03/28 09:35:59] [info] [1553736938127] Total Deleted Links = 0
[2019/03/28 09:35:59] [info] [1553736938127] Total Moved Files = 0
[2019/03/28 09:36:00] [info] [1553736938127] Saving encrypted backup
file index to 1553736887612/blocks at destination AhsayCBS...
[2019/03/28 09:36:00] [info] [1553736938127] Saving encrypted backup
file index to 1553736887612/blocks/2019-03-28-09-35-54 at destination
AhsayCBS...
[2019/03/28 09:36:00] [info] [-] Start running post-commands
[2019/03/28 09:36:00] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/28 09:36:00] [info] [-] Finished running post-commands
[2019/03/28 09:36:00] [cbs] [-] info,Finished running post-
commands,0,0,0,,,

```

```
[2019/03/28 09:36:00] [info] [1553736938127] Deleting temporary file  
C:\Users\Administrator\.obm\temp\1553736887612\OBS@1553736938127  
[2019/03/28 09:36:00] [info] [1553736938127] Backup Completed  
Successfully  
[2019/03/28 09:36:00] [cbs] [1553736938127]  
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)

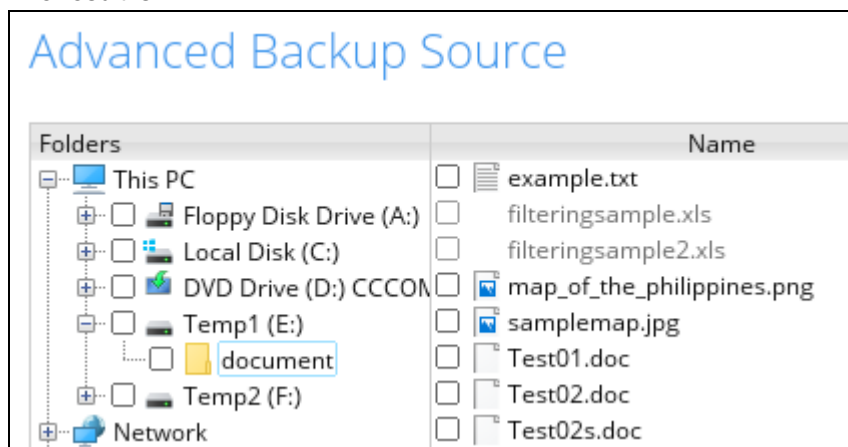
Existing patterns to match

Apply this filter to all files/folders in

All hard disk drives
 This folder only

Apply to
 File Folder

The result is:



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: true][Name: ends s, Type: ends with, Top Directory: E:\document, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: *]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Days]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified

Backup Log:

```
[2019/03/28 09:41:09] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 09:41:09] [cbs] [1553737250335] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 09:41:09] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 09:41:09] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 09:41:10] [info] [1553737250335] Start Backup ...
[In-File Delta: Full]
[2019/03/28 09:41:10] [info] [1553737250335] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553737071979\OBS@1553737250335
[2019/03/28 09:41:10] [cbs] [1553737250335] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553737071979\OBS@1553737250335,
0,0,0,,,
[2019/03/28 09:41:11] [info] [-] Start running pre-commands
[2019/03/28 09:41:11] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 09:41:11] [info] [-] Finished running pre-commands
[2019/03/28 09:41:11] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 09:41:11] [info] [1553737250335] Downloading server
file list...
[2019/03/28 09:41:11] [info] [1553737250335] Downloading server
file list... Completed
[2019/03/28 09:41:12] [info] [1553737250335] Reading backup
source from hard disk...
[2019/03/28 09:41:13] [info] [1553737250335] Reading backup
source from hard disk... Completed
[2019/03/28 09:41:14] [info] [1553737250335] Total New Files = 0
[2019/03/28 09:41:14] [info] [1553737250335] Total New
Directories = 0
[2019/03/28 09:41:14] [info] [1553737250335] Total New Links = 0
[2019/03/28 09:41:14] [info] [1553737250335] Total Updated Files
= 0
[2019/03/28 09:41:14] [info] [1553737250335] Total Attributes
Changed Files = 0
[2019/03/28 09:41:14] [info] [1553737250335] Total Deleted Files
= 0
[2019/03/28 09:41:14] [info] [1553737250335] Total Deleted
Directories = 0
[2019/03/28 09:41:14] [info] [1553737250335] Total Deleted Links
= 0
[2019/03/28 09:41:14] [info] [1553737250335] Total Moved Files =
0
```

```
[2019/03/28 09:41:15] [info] [1553737250335] Saving encrypted backup file index to 1553737071979/blocks at destination AhsayCBS...
[2019/03/28 09:41:15] [info] [1553737250335] Saving encrypted backup file index to 1553737071979/blocks/2019-03-28-09-41-09 at destination AhsayCBS...
[2019/03/28 09:41:15] [info] [-] Start running post-commands
[2019/03/28 09:41:15] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 09:41:15] [info] [-] Finished running post-commands
[2019/03/28 09:41:15] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 09:41:15] [info] [1553737250335] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553737071979\OBS@1553737250335
[2019/03/28 09:41:15] [info] [1553737250335] Backup Completed Successfully
[2019/03/28 09:41:15] [cbs] [1553737250335]
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

X

Apply this filter to all files/folders in

All hard disk drives
 This folder only

Change

Apply to

File Folder

The result is:

Advanced Backup Source

Folders	Name
<input type="checkbox"/> This PC	<input type="checkbox"/> example.txt
<input type="checkbox"/> Floppy Disk Drive (A:)	<input type="checkbox"/> filteringsample.xls
<input type="checkbox"/> Local Disk (C:)	<input type="checkbox"/> filteringsample2.xls
<input type="checkbox"/> DVD Drive (D:) CCCOM	<input checked="" type="checkbox"/> map_of_the_philippines.png
<input type="checkbox"/> Temp1 (E:)	<input type="checkbox"/> samplemap.jpg
<input type="checkbox"/> document	<input type="checkbox"/> Test01.doc
<input type="checkbox"/> Temp2 (F:)	<input type="checkbox"/> Test02.doc
<input type="checkbox"/> Network	<input type="checkbox"/> Test02s.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: true][Name: starts b, Type: starts with, Top Directory: E:\document, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [b]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/28/2019 09:26
2	new	E\document	4k / 4k (0%)	03/28/2019 09:39

Backup Log:

```
[2019/03/28 09:48:57] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 09:48:57] [cbs] [1553737718057] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 09:48:57] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 09:48:57] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 09:48:58] [info] [1553737718057] Start Backup ...
[In-File Delta: Full]
[2019/03/28 09:48:58] [info] [1553737718057] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553737667964\OBS@1553737718057
[2019/03/28 09:48:58] [cbs] [1553737718057] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553737667964\OBS@1553737718057,
0,0,0,,,
[2019/03/28 09:48:59] [info] [-] Start running pre-commands
[2019/03/28 09:48:59] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 09:48:59] [info] [-] Finished running pre-commands
[2019/03/28 09:48:59] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 09:48:59] [info] [1553737718057] Downloading server
file list...
[2019/03/28 09:48:59] [info] [1553737718057] Downloading server
file list... Completed
[2019/03/28 09:49:00] [info] [1553737718057] Reading backup
source from hard disk...
[2019/03/28 09:49:01] [info] [1553737718057] Reading backup
source from hard disk... Completed
[2019/03/28 09:49:01] [info] [1553737718057] [New Directory]...
E:\
[2019/03/28 09:49:01] [cbs] [1553737718057]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 09:49:01] [info] [1553737718057] [New Directory]...
E:\document
[2019/03/28 09:49:01] [cbs] [1553737718057]
new,E:\document,4096,4096,1553737184013,,,D
[2019/03/28 09:49:02] [info] [1553737718057] Total New Files = 0
[2019/03/28 09:49:02] [info] [1553737718057] Total New
Directories = 2
[2019/03/28 09:49:02] [info] [1553737718057] Total New Links = 0
[2019/03/28 09:49:02] [info] [1553737718057] Total Updated Files
= 0
[2019/03/28 09:49:02] [info] [1553737718057] Total Attributes
Changed Files = 0
```



```
[2019/03/28 09:49:02] [info] [1553737718057] Total Deleted Files = 0
[2019/03/28 09:49:02] [info] [1553737718057] Total Deleted Directories = 0
[2019/03/28 09:49:02] [info] [1553737718057] Total Deleted Links = 0
[2019/03/28 09:49:02] [info] [1553737718057] Total Moved Files = 0
[2019/03/28 09:49:03] [info] [1553737718057] Saving encrypted backup file index to 1553737667964/blocks at destination AhsayCBS...
[2019/03/28 09:49:03] [info] [1553737718057] Saving encrypted backup file index to 1553737667964/blocks/2019-03-28-09-48-57 at destination AhsayCBS...
[2019/03/28 09:49:04] [info] [-] Start running post-commands
[2019/03/28 09:49:04] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 09:49:04] [info] [-] Finished running post-commands
[2019/03/28 09:49:04] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 09:49:04] [info] [1553737718057] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553737667964\OBS@1553737718057
[2019/03/28 09:49:04] [info] [1553737718057] Backup Completed Successfully
[2019/03/28 09:49:04] [cbs] [1553737718057]
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
 X

Apply this filter to all files/folders in
 All hard disk drives
 This folder only

Apply to
 File Folder

The result is:

Advanced Backup Source

Folders	Name
<ul style="list-style-type: none"> [-] This PC [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCOM [-] Temp1 (E:) <ul style="list-style-type: none"> [-] document [-] Temp2 (F:) [-] Network 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> example.txt <input checked="" type="checkbox"/> filteringsample.xls <input checked="" type="checkbox"/> filteringsample2.xls <input checked="" type="checkbox"/> map_of_the_philippines.png <input checked="" type="checkbox"/> samplemap.jpg <input checked="" type="checkbox"/> Test01.doc <input checked="" type="checkbox"/> Test02.doc <input checked="" type="checkbox"/> Test02s.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: true][Name: starts b, Type: starts with, Top Directory: E:\document, Include: No, Exclude all unmatched files/folders: Yes, Apply to N o, Apply to files: Yes, Pattern: [b]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Da y: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/28/2019 09:26
2	new	E\document	4k / 4k (0%)	03/28/2019 09:39
3	new	E\document\Test01.doc	320 / 304 (0%)	06/20/2018 14:27
4	new	E\document\Test02.doc	320 / 304 (0%)	06/20/2018 14:27
5	new	E\document\Test02s.doc	320 / 304 (0%)	06/20/2018 14:27
6	new	E\document\example.txt	320 / 304 (0%)	06/20/2018 14:27
7	new	E\document\filteringsample.xls	25k / 25k (0%)	08/08/2018 08:42
8	new	E\document\filteringsample2.xls	25k / 25k (0%)	08/08/2018 08:42
9	new	E\document\map_of_the_philippines.png	134k / 134k (0%)	03/18/2019 11:05
10	new	E\document\samplemap.jpg	57k / 57k (0%)	03/18/2019 11:06

Backup Log:

```
[2019/03/28 09:53:27] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 09:53:27] [cbs] [1553737990995] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 09:53:28] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 09:53:28] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 09:53:29] [info] [1553737990995] Start Backup ...
[In-File Delta: Full]
[2019/03/28 09:53:29] [info] [1553737990995] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553737940511\OBS@1553737990995
[2019/03/28 09:53:29] [cbs] [1553737990995] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553737940511\OBS@1553737990995,
0,0,0,,,
[2019/03/28 09:53:29] [info] [-] Start running pre-commands
[2019/03/28 09:53:29] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 09:53:29] [info] [-] Finished running pre-commands
[2019/03/28 09:53:29] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 09:53:29] [info] [1553737990995] Downloading server
file list...
[2019/03/28 09:53:29] [info] [1553737990995] Downloading server
file list... Completed
[2019/03/28 09:53:30] [info] [1553737990995] Reading backup
source from hard disk...
[2019/03/28 09:53:31] [info] [1553737990995] Reading backup
source from hard disk... Completed
[2019/03/28 09:53:32] [info] [1553737990995] [New Directory]...
E:\
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 09:53:32] [info] [1553737990995] [New Directory]...
E:\document
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document,4096,4096,1553737184013,,,D
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\Test01.doc"
```

```

[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\Test02.doc"
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\Test01.doc,320,304,1529476027367,,,F
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\Test02.doc,320,304,1529476027367,,,F
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\Test02s.doc"
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\Test02s.doc,320,304,1529476027367,,,F
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\example.txt"
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\example.txt,320,304,1529476027367,,,F
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 64% of
"E:\document\filteringsample.xls"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 96% of
"E:\document\filteringsample.xls"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\filteringsample.xls"
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 64% of
"E:\document\filteringsample2.xls"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 96% of
"E:\document\filteringsample2.xls"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\filteringsample2.xls"
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\filteringsample2.xls,25616,25600,1533688940465,,,
F
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 17% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 29% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 41% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 53% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 65% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 77% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 89% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\map_of_the_philippines.png"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 27% of
"E:\document\samplemap.jpg"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 41% of
"E:\document\samplemap.jpg"
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\map_of_the_philippines.png,137408,137402,15528783
07168,,,F
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 55% of
"E:\document\samplemap.jpg"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 69% of
"E:\document\samplemap.jpg"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 83% of
"E:\document\samplemap.jpg"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 97% of
"E:\document\samplemap.jpg"
[2019/03/28 09:53:32] [info] [1553737990995] [New File]... 100%
of "E:\document\samplemap.jpg"

```

```
[2019/03/28 09:53:32] [cbs] [1553737990995]
new,E:\document\samplemap.jpg,58992,58987,1552878369655,,,F
[2019/03/28 09:53:33] [info] [1553737990995] Total New Files = 8
[2019/03/28 09:53:33] [info] [1553737990995] Total New
Directories = 2
[2019/03/28 09:53:33] [info] [1553737990995] Total New Links = 0
[2019/03/28 09:53:33] [info] [1553737990995] Total Updated Files
= 0
[2019/03/28 09:53:33] [info] [1553737990995] Total Attributes
Changed Files = 0
[2019/03/28 09:53:33] [info] [1553737990995] Total Deleted Files
= 0
[2019/03/28 09:53:33] [info] [1553737990995] Total Deleted
Directories = 0
[2019/03/28 09:53:33] [info] [1553737990995] Total Deleted Links
= 0
[2019/03/28 09:53:33] [info] [1553737990995] Total Moved Files =
0
[2019/03/28 09:53:34] [info] [1553737990995] Saving encrypted
backup file index to 1553737940511/blocks at destination
AhsayCBS...
[2019/03/28 09:53:34] [info] [1553737990995] Saving encrypted
backup file index to 1553737940511/blocks/2019-03-28-09-53-27 at
destination AhsayCBS...
[2019/03/28 09:53:34] [info] [-] Start running post-commands
[2019/03/28 09:53:34] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/28 09:53:34] [info] [-] Finished running post-commands
[2019/03/28 09:53:34] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/28 09:53:34] [info] [1553737990995] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553737940511\OBS@1553737990995
[2019/03/28 09:53:34] [info] [1553737990995] Backup Completed
Successfully
[2019/03/28 09:53:34] [cbs] [1553737990995]
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.

The image shows two screenshots of the 'Advanced Backup Source' dialog box. The top screenshot shows the 'Existing filters' section with two filters: 'ends t' and 'starts t', both with 'E:\document' as the path. Below this, the 'For each of the matched files/folders under top directory' section has 'Include them' selected. The 'Match file/folder names by' section has 'Simple comparison' selected with 'ends with' in the dropdown. The 'Existing patterns to match' field contains 't'. The bottom screenshot is identical but with 'starts with' in the dropdown.

The result is:

The screenshot shows the 'Advanced Backup Source' dialog box with the 'document' folder selected in the 'Folders' pane. The 'Name' pane shows a list of files with checkboxes indicating their inclusion status:

Folders	Name
OS (C:)	<input checked="" type="checkbox"/> example.txt
Apps	<input type="checkbox"/> filteringsample.xls
Brother	<input type="checkbox"/> filteringsample02.xls
Dell	<input type="checkbox"/> map_of_philippines.JPG
document	<input type="checkbox"/> samplemap.JPG
Drivers	<input checked="" type="checkbox"/> Test01.txt
Intel	<input checked="" type="checkbox"/> Test02.txt
	<input checked="" type="checkbox"/> Test02s.txt

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 txt files.

Backup Report:

Backup Set Settings	
Field	Value
Backup Source	
Filter	[Enabled: true][Name: ends t, Type: ends with, Top Directory: E:\document, 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: E:\document, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [L, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/28/2019 09:26
2	new	E\document	4k / 4k (0%)	03/28/2019 09:39
3	new	E\document\Test01.doc	320 / 304 (0%)	06/20/2018 14:27
4	new	E\document\Test02.doc	320 / 304 (0%)	06/20/2018 14:27
5	new	E\document\Test02s.doc	320 / 304 (0%)	06/20/2018 14:27
6	new	E\document\example.txt	320 / 304 (0%)	06/20/2018 14:27

Backup Log:


```
[2019/03/28 10:04:06] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 10:04:06] [cbs] [1553738626485] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 10:04:06] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 10:04:06] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 10:04:07] [info] [1553738626485] Start Backup ...
[In-File Delta: Full]
[2019/03/28 10:04:07] [info] [1553738626485] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553738406063\OBS@1553738626485
[2019/03/28 10:04:07] [cbs] [1553738626485] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553738406063\OBS@1553738626485,
0,0,0,,,
[2019/03/28 10:04:07] [info] [-] Start running pre-commands
[2019/03/28 10:04:07] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 10:04:07] [info] [-] Finished running pre-commands
[2019/03/28 10:04:07] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 10:04:07] [info] [1553738626485] Downloading server
file list...
[2019/03/28 10:04:08] [info] [1553738626485] Downloading server
file list... Completed
[2019/03/28 10:04:09] [info] [1553738626485] Reading backup
source from hard disk...
[2019/03/28 10:04:10] [info] [1553738626485] Reading backup
source from hard disk... Completed
[2019/03/28 10:04:10] [info] [1553738626485] [New Directory]...
E:\
[2019/03/28 10:04:10] [cbs] [1553738626485]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 10:04:10] [info] [1553738626485] [New Directory]...
E:\document
[2019/03/28 10:04:10] [cbs] [1553738626485]
new,E:\document,4096,4096,1553737184013,,,D
[2019/03/28 10:04:10] [info] [1553738626485] [New File]... 100%
of "E:\document\Test01.doc"
[2019/03/28 10:04:10] [info] [1553738626485] [New File]... 100%
of "E:\document\Test02.doc"
```


```

[2019/03/28 10:04:10] [cbs] [1553738626485]
new,E:\document\Test01.doc,320,304,1529476027367,,,F
[2019/03/28 10:04:10] [cbs] [1553738626485]
new,E:\document\Test02.doc,320,304,1529476027367,,,F
[2019/03/28 10:04:10] [info] [1553738626485] [New File]... 100%
of "E:\document\Test02s.doc"
[2019/03/28 10:04:10] [info] [1553738626485] [New File]... 100%
of "E:\document\example.txt"
[2019/03/28 10:04:10] [cbs] [1553738626485]
new,E:\document\Test02s.doc,320,304,1529476027367,,,F
[2019/03/28 10:04:10] [cbs] [1553738626485]
new,E:\document\example.txt,320,304,1529476027367,,,F
[2019/03/28 10:04:11] [info] [1553738626485] Total New Files = 4
[2019/03/28 10:04:11] [info] [1553738626485] Total New
Directories = 2
[2019/03/28 10:04:11] [info] [1553738626485] Total New Links = 0
[2019/03/28 10:04:11] [info] [1553738626485] Total Updated Files
= 0
[2019/03/28 10:04:11] [info] [1553738626485] Total Attributes
Changed Files = 0
[2019/03/28 10:04:11] [info] [1553738626485] Total Deleted Files
= 0
[2019/03/28 10:04:11] [info] [1553738626485] Total Deleted
Directories = 0
[2019/03/28 10:04:11] [info] [1553738626485] Total Deleted Links
= 0
[2019/03/28 10:04:11] [info] [1553738626485] Total Moved Files =
0
[2019/03/28 10:04:12] [info] [1553738626485] Saving encrypted
backup file index to 1553738406063/blocks at destination
AhsayCBS...
[2019/03/28 10:04:12] [info] [1553738626485] Saving encrypted
backup file index to 1553738406063/blocks/2019-03-28-10-04-06 at
destination AhsayCBS...
[2019/03/28 10:04:13] [info] [-] Start running post-commands
[2019/03/28 10:04:13] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/28 10:04:13] [info] [-] Finished running post-commands
[2019/03/28 10:04:13] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/28 10:04:13] [info] [1553738626485] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553738406063\OBS@1553738626485
[2019/03/28 10:04:13] [info] [1553738626485] Backup Completed
Successfully
[2019/03/28 10:04:13] [cbs] [1553738626485]
end,BS_STOP_SUCCESS,0,0,0,,,

```


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

 **starts t**
E:\document

 **ends t**
E:\document

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

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

The result is:

Advanced Backup Source	
Folders	Name
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCOM [-] Temp1 (E:) <ul style="list-style-type: none"> [-] document [-] Temp2 (F:) [-] Network 	<ul style="list-style-type: none"> <input type="checkbox"/> example.txt <input type="checkbox"/> filteringsample.xls <input type="checkbox"/> filteringsample2.xls <input type="checkbox"/> map_of_the_philippines.png <input type="checkbox"/> samplemap.jpg <input checked="" type="checkbox"/> Test01.txt <input checked="" type="checkbox"/> Test02.txt <input checked="" type="checkbox"/> Test02s.txt

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: true][Name: starts t. Type: starts with, Top Directory: E:\document, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [t]][Name: ends t. Type: ends with, Top Directory: E:\document, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [t]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E:\	4k / 4k (0%)	03/28/2019 09:26
2	new	E:\document	4k / 4k (0%)	03/28/2019 09:39
3	new	E:\document\Test01.doc	320 / 304 (0%)	06/20/2018 14:27
4	new	E:\document\Test02.doc	320 / 304 (0%)	06/20/2018 14:27
5	new	E:\document\Test02.doc	320 / 304 (0%)	06/20/2018 14:27

Backup Log:


```
[2019/03/28 10:08:07] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 10:08:07] [cbs] [1553738836154] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 10:08:07] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 10:08:07] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 10:08:08] [info] [1553738836154] Start Backup ...
[In-File Delta: Full]
[2019/03/28 10:08:08] [info] [1553738836154] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553738738654\OBS@1553738836154
[2019/03/28 10:08:08] [cbs] [1553738836154] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553738738654\OBS@1553738836154,
0,0,0,,,
[2019/03/28 10:08:08] [info] [-] Start running pre-commands
[2019/03/28 10:08:08] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 10:08:08] [info] [-] Finished running pre-commands
[2019/03/28 10:08:08] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 10:08:08] [info] [1553738836154] Downloading server
file list...
[2019/03/28 10:08:08] [info] [1553738836154] Downloading server
file list... Completed
[2019/03/28 10:08:10] [info] [1553738836154] Reading backup
source from hard disk...
[2019/03/28 10:08:11] [info] [1553738836154] Reading backup
source from hard disk... Completed
[2019/03/28 10:08:11] [info] [1553738836154] [New Directory]...
E:\
[2019/03/28 10:08:11] [cbs] [1553738836154]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 10:08:11] [info] [1553738836154] [New Directory]...
E:\document
[2019/03/28 10:08:11] [cbs] [1553738836154]
new,E:\document,4096,4096,1553737184013,,,D
[2019/03/28 10:08:11] [info] [1553738836154] [New File]... 100%
of "E:\document\Test01.doc"
[2019/03/28 10:08:11] [info] [1553738836154] [New File]... 100%
of "E:\document\Test02.doc"
```


```

[2019/03/28 10:08:11] [cbs] [1553738836154]
new,E:\document\Test01.doc,320,304,1529476027367,,,F
[2019/03/28 10:08:11] [info] [1553738836154] [New File]... 100%
of "E:\document\Test02s.doc"
[2019/03/28 10:08:11] [cbs] [1553738836154]
new,E:\document\Test02s.doc,320,304,1529476027367,,,F
[2019/03/28 10:08:11] [cbs] [1553738836154]
new,E:\document\Test02.doc,320,304,1529476027367,,,F
[2019/03/28 10:08:12] [info] [1553738836154] Total New Files = 3
[2019/03/28 10:08:12] [info] [1553738836154] Total New
Directories = 2
[2019/03/28 10:08:12] [info] [1553738836154] Total New Links = 0
[2019/03/28 10:08:12] [info] [1553738836154] Total Updated Files
= 0
[2019/03/28 10:08:12] [info] [1553738836154] Total Attributes
Changed Files = 0
[2019/03/28 10:08:12] [info] [1553738836154] Total Deleted Files
= 0
[2019/03/28 10:08:12] [info] [1553738836154] Total Deleted
Directories = 0
[2019/03/28 10:08:12] [info] [1553738836154] Total Deleted Links
= 0
[2019/03/28 10:08:12] [info] [1553738836154] Total Moved Files =
0
[2019/03/28 10:08:13] [info] [1553738836154] Saving encrypted
backup file index to 1553738738654/blocks at destination
AhsayCBS...
[2019/03/28 10:08:13] [info] [1553738836154] Saving encrypted
backup file index to 1553738738654/blocks/2019-03-28-10-08-07 at
destination AhsayCBS...
[2019/03/28 10:08:14] [info] [-] Start running post-commands
[2019/03/28 10:08:14] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/28 10:08:14] [info] [-] Finished running post-commands
[2019/03/28 10:08:14] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/28 10:08:14] [info] [1553738836154] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553738738654\OBS@1553738836154
[2019/03/28 10:08:14] [info] [1553738836154] Backup Completed
Successfully
[2019/03/28 10:08:14] [cbs] [1553738836154]
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

 t 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

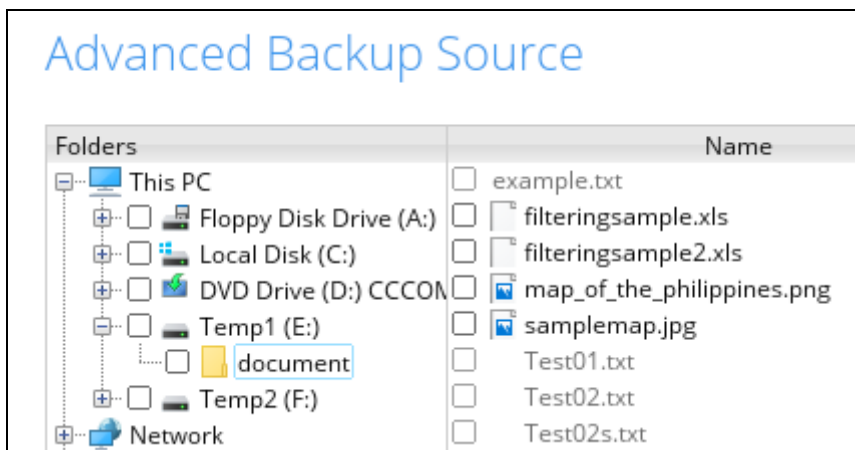
Simple comparison ends with ▼

Regular expression (UNIX-style)

Existing patterns to match

 t 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: true][Name: starts t, Type: starts with, Top Directory: E:\document, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [H][Name: ends t, Type: ends with, Top Directory: E:\document, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [L, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified

Backup Log:

```
[2019/03/28 10:14:55] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/28 10:14:55] [cbs] [1553739235016] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 10:14:55] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/28 10:14:55] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/28 10:14:56] [info] [1553739235016] Start Backup ...
[In-File Delta: Full]
[2019/03/28 10:14:56] [info] [1553739235016] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553739147954\OBS@1553739235016
[2019/03/28 10:14:56] [cbs] [1553739235016] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553739147954\OBS@1553739235016,
0,0,0,,,
[2019/03/28 10:14:56] [info] [-] Start running pre-commands
[2019/03/28 10:14:56] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/28 10:14:56] [info] [-] Finished running pre-commands
[2019/03/28 10:14:56] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/28 10:14:56] [info] [1553739235016] Downloading server
file list...
[2019/03/28 10:14:56] [info] [1553739235016] Downloading server
file list... Completed
[2019/03/28 10:14:58] [info] [1553739235016] Reading backup
source from hard disk...
[2019/03/28 10:14:59] [info] [1553739235016] Reading backup
source from hard disk... Completed
[2019/03/28 10:15:00] [info] [1553739235016] Total New Files = 0
[2019/03/28 10:15:00] [info] [1553739235016] Total New
Directories = 0
[2019/03/28 10:15:00] [info] [1553739235016] Total New Links = 0
[2019/03/28 10:15:00] [info] [1553739235016] Total Updated Files
= 0
[2019/03/28 10:15:00] [info] [1553739235016] Total Attributes
Changed Files = 0
[2019/03/28 10:15:00] [info] [1553739235016] Total Deleted Files
= 0
[2019/03/28 10:15:00] [info] [1553739235016] Total Deleted
Directories = 0
[2019/03/28 10:15:00] [info] [1553739235016] Total Deleted Links
= 0
[2019/03/28 10:15:00] [info] [1553739235016] Total Moved Files =
0
```

```
[2019/03/28 10:15:00] [info] [1553739235016] Saving encrypted backup file index to 1553739147954/blocks at destination AhsayCBS...
[2019/03/28 10:15:00] [info] [1553739235016] Saving encrypted backup file index to 1553739147954/blocks/2019-03-28-10-14-55 at destination AhsayCBS...
[2019/03/28 10:15:01] [info] [-] Start running post-commands
[2019/03/28 10:15:01] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 10:15:01] [info] [-] Finished running post-commands
[2019/03/28 10:15:01] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 10:15:01] [info] [1553739235016] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553739147954\OBS@1553739235016
[2019/03/28 10:15:01] [info] [1553739235016] Backup Completed Successfully
[2019/03/28 10:15:01] [cbs] [1553739235016]
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
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

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:

Advanced Backup Source	
Folders	Name
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCOM [-] Temp1 (E:) <ul style="list-style-type: none"> [-] document [-] Temp2 (F:) [-] Network 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> example.txt <input checked="" type="checkbox"/> filteringsample.xls <input checked="" type="checkbox"/> filteringsample2.xls <input checked="" type="checkbox"/> map_of_the_philippines.png <input checked="" type="checkbox"/> samplemap.jpg <input type="checkbox"/> Test01.txt <input type="checkbox"/> Test02.txt <input type="checkbox"/> Test02s.txt

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:

Field	Value
Backup Source	
Filter	[Enabled: true][Name: starts t, Type: starts with, Top Directory: E:\document, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [*]] [Name: ends t, Type: ends with, Top Directory: E:\document, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [*]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size = -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/28/2019 09:26
2	new	E\document	4k / 4k (0%)	03/28/2019 09:39
3	new	E\document\example.txt	320 / 304 (0%)	06/20/2018 14:27
4	new	E\document\filteringsample.xls	25k / 25k (0%)	08/08/2018 08:42
5	new	E\document\filteringsample2.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	E\document\map_of_the_philippines.png	134k / 134k (0%)	03/18/2019 11:05
7	new	E\document\samplemap.jpg	57k / 57k (0%)	03/18/2019 11:06

Backup Log:

```
[2019/03/28 10:25:09] [info] [-] Start [ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]
[2019/03/28 10:25:09] [cbs] [1553739885285] start,"Start [ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 10:25:09] [info] [-] Saving encrypted backup set encryption keys to server...
[2019/03/28 10:25:09] [cbs] [-] info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
[2019/03/28 10:25:10] [info] [1553739885285] Start Backup ...
[In-File Delta: Full]
[2019/03/28 10:25:10] [info] [1553739885285] Using Temporary Directory
C:\Users\Administrator\.obm\temp\1553739428458\OBS@1553739885285
[2019/03/28 10:25:10] [cbs] [1553739885285] info,Using Temporary Directory
C:\Users\Administrator\.obm\temp\1553739428458\OBS@1553739885285,0,0,0,,,
[2019/03/28 10:25:10] [info] [-] Start running pre-commands
[2019/03/28 10:25:10] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/28 10:25:10] [info] [-] Finished running pre-commands
[2019/03/28 10:25:10] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/28 10:25:10] [info] [1553739885285] Downloading server file list...
[2019/03/28 10:25:11] [info] [1553739885285] Downloading server file list... Completed
[2019/03/28 10:25:12] [info] [1553739885285] Reading backup source from hard disk...
[2019/03/28 10:25:13] [info] [1553739885285] Reading backup source from hard disk... Completed
[2019/03/28 10:25:13] [info] [1553739885285] [New Directory]...
E:\
[2019/03/28 10:25:13] [cbs] [1553739885285]
new,E:\,4096,4096,1553736372179,,,D
[2019/03/28 10:25:13] [info] [1553739885285] [New Directory]...
E:\document
[2019/03/28 10:25:13] [cbs] [1553739885285]
new,E:\document,4096,4096,1553737184013,,,D
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 100% of "E:\document\example.txt"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 64% of "E:\document\filteringsample.xls"
```



```

[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 96% of
"E:\document\filteringsample.xls"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 100%
of "E:\document\filteringsample.xls"
[2019/03/28 10:25:13] [cbs] [1553739885285]
new,E:\document\example.txt,320,304,1529476027367,,,F
[2019/03/28 10:25:13] [cbs] [1553739885285]
new,E:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 64% of
"E:\document\filteringsample2.xls"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 96% of
"E:\document\filteringsample2.xls"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 100%
of "E:\document\filteringsample2.xls"
[2019/03/28 10:25:13] [cbs] [1553739885285]
new,E:\document\filteringsample2.xls,25616,25600,1533688940465,,,
F
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 17% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 29% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 41% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 53% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 65% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 77% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 89% of
"E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 100%
of "E:\document\map_of_the_philippines.png"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 27% of
"E:\document\samplemap.jpg"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 41% of
"E:\document\samplemap.jpg"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 55% of
"E:\document\samplemap.jpg"
[2019/03/28 10:25:13] [cbs] [1553739885285]
new,E:\document\map_of_the_philippines.png,137408,137402,15528783
07168,,,F
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 69% of
"E:\document\samplemap.jpg"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 83% of
"E:\document\samplemap.jpg"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 97% of
"E:\document\samplemap.jpg"
[2019/03/28 10:25:13] [info] [1553739885285] [New File]... 100%
of "E:\document\samplemap.jpg"
[2019/03/28 10:25:13] [cbs] [1553739885285]
new,E:\document\samplemap.jpg,58992,58987,1552878369655,,,F
[2019/03/28 10:25:14] [info] [1553739885285] Total New Files = 5
[2019/03/28 10:25:14] [info] [1553739885285] Total New
Directories = 2
[2019/03/28 10:25:14] [info] [1553739885285] Total New Links = 0
[2019/03/28 10:25:14] [info] [1553739885285] Total Updated Files
= 0
[2019/03/28 10:25:14] [info] [1553739885285] Total Attributes
Changed Files = 0
[2019/03/28 10:25:14] [info] [1553739885285] Total Deleted Files
= 0
[2019/03/28 10:25:14] [info] [1553739885285] Total Deleted
Directories = 0

```

```
[2019/03/28 10:25:14] [info] [1553739885285] Total Deleted Links = 0
[2019/03/28 10:25:14] [info] [1553739885285] Total Moved Files = 0
[2019/03/28 10:25:15] [info] [1553739885285] Saving encrypted backup file index to 1553739428458/blocks at destination AhsayCBS...
[2019/03/28 10:25:15] [info] [1553739885285] Saving encrypted backup file index to 1553739428458/blocks/2019-03-28-10-25-09 at destination AhsayCBS...
[2019/03/28 10:25:16] [info] [-] Start running post-commands
[2019/03/28 10:25:16] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 10:25:16] [info] [-] Finished running post-commands
[2019/03/28 10:25:16] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 10:25:16] [info] [1553739885285] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553739428458\OBS@1553739885285
[2019/03/28 10:25:16] [info] [1553739885285] Backup Completed Successfully
[2019/03/28 10:25:16] [cbs] [1553739885285]
end,BS_STOP_SUCCESS,0,0,0,,,
```


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

Backup Report from AhsayCBS Web Console

Field	Value
Backup Source	
Filter	[Enabled: true][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:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Days]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
Bandwidth Control	[Enabled: No, Mode: Share, Bandwidth Control:]
Others	Remove temporary files after backup: Yes, Follow Link: Yes, Volume Shadow Copy: Yes, File Permissions: No, Compression Type: Fast (Compressed size larger than normal)

No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	03/19/2019 13:43
2	new	/root	4k / 4k (0%)	03/26/2019 16:32
3	new	/root/Documents	4k / 4k (0%)	03/18/2019 15:04
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	142 / 142 (0%)	03/25/2019 13:18
6	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	30k / 38k (20%)	03/18/2019 15:06
7	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	30k / 38k (20%)	03/18/2019 15:06
8	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	30k / 38k (20%)	03/18/2019 15:06
9	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	30k / 38k (20%)	03/18/2019 15:06
10	new	/root/Documents/AlertMessageFour.png	2k / 2k (0%)	02/28/2019 12:10
11	new	/root/Documents/AlertMessageFive.png	2k / 2k (0%)	02/28/2019 12:10
12	new	/root/Documents/AlertMessageOne.png	2k / 2k (0%)	02/28/2019 12:10
13	new	/root/Documents/AlertMessageThree.png	2k / 2k (0%)	02/28/2019 12:10
14	new	/root/Documents/AlertMessageTwo.png	2k / 2k (0%)	02/28/2019 12:10

Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1553742582569/Backup
#cat 2019-03-28-11-19-58.log

[2019/03/28 11:20:16] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/28 11:20:16] [cbs] [1553742707949] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 11:20:18] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/28 11:20:18] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/28 11:20:19] [info] [1553742707949] Start Backup ... [In-File
Delta: Differential]
[2019/03/28 11:20:19] [info] [1553742707949] Using Temporary Directory
/root/tmp/1553742582569/OBS@1553742707949
[2019/03/28 11:20:19] [cbs] [1553742707949] info,Using Temporary Directory
/root/tmp/1553742582569/OBS@1553742707949,0,0,0,,,
[2019/03/28 11:20:20] [info] [-] Start running pre-commands
[2019/03/28 11:20:20] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/28 11:20:20] [info] [-] Finished running pre-commands
[2019/03/28 11:20:20] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/28 11:20:20] [info] [1553742707949] Downloading server file list...
[2019/03/28 11:20:21] [info] [1553742707949] Downloading server file list...
Completed
[2019/03/28 11:20:22] [info] [1553742707949] Reading backup source from hard
disk...
```

```
[2019/03/28 11:20:22] [info] [1553742707949] Reading backup source from hard
disk... Completed
[2019/03/28 11:20:23] [info] [1553742707949] [New Directory]... /
[2019/03/28 11:20:23] [cbs] [1553742707949] new,/,260,260,1552974191000,,,D
[2019/03/28 11:20:23] [info] [1553742707949] [New Directory]... /root
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root,4096,4096,1553589172000,,,D
[2019/03/28 11:20:23] [info] [1553742707949] [New Directory]...
/root/Documents
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents,4096,4096,1552892688000,,,D
[2019/03/28 11:20:23] [info] [1553742707949] [New Directory]... /usr
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/usr,155,155,1487122181000,,,D
[2019/03/28 11:20:23] [info] [1553742707949] [New Directory]... /usr/local
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,31184,38994,155289
2774000,,,F
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AlertMessageFour.png"
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AlertMessageFive.png"
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AlertMessageFour.png,2608,2593,1551327030000,,,F
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AlertMessageFive.png,2608,2593,1551327030000,,,F
```

```
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AlertMessageOne.png"
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AlertMessageThree.png"
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AlertMessageOne.png,2608,2593,1551327030000,,,F
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AlertMessageThree.png,2608,2593,1551327030000,,,F
[2019/03/28 11:20:23] [info] [1553742707949] [New File]... 100% of
"/root/Documents/AlertMessageTwo.png"
[2019/03/28 11:20:23] [cbs] [1553742707949]
new,/root/Documents/AlertMessageTwo.png,2608,2593,1551327030000,,,F
[2019/03/28 11:20:24] [info] [1553742707949] Total New Files = 9
[2019/03/28 11:20:24] [info] [1553742707949] Total New Directories = 5
[2019/03/28 11:20:24] [info] [1553742707949] Total New Links = 0
[2019/03/28 11:20:24] [info] [1553742707949] Total Updated Files = 0
[2019/03/28 11:20:24] [info] [1553742707949] Total Deleted Files = 0
[2019/03/28 11:20:24] [info] [1553742707949] Total Deleted Directories = 0
[2019/03/28 11:20:24] [info] [1553742707949] Total Deleted Links = 0
[2019/03/28 11:20:24] [info] [1553742707949] Total Moved Files = 0
[2019/03/28 11:20:25] [info] [1553742707949] Saving encrypted backup file
index to 1553742582569/blocks at destination AhsayCBS...
[2019/03/28 11:20:25] [info] [1553742707949] Saving encrypted backup file
index to 1553742582569/blocks/2019-03-28-11-19-58 at destination AhsayCBS...
[2019/03/28 11:20:26] [info] [-] Start running post-commands
[2019/03/28 11:20:26] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 11:20:26] [info] [-] Finished running post-commands
[2019/03/28 11:20:26] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 11:20:29] [info] [1553742707949] Deleting temporary file
/root/tmp/1553742582569/OBS@1553742707949
[2019/03/28 11:20:29] [info] [1553742707949] Backup Completed Successfully
[2019/03/28 11:20:29] [cbs] [1553742707949] end,BS_STOP_SUCCESS,0,0,0,,,
```

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

<p>Filter</p> <p>Name</p> <input type="text" value="Filter that contains the word Backup"/> <p>Matching pattern</p> <p><input type="checkbox"/> Pattern <input checked="" type="checkbox"/> Backup</p> <p>For each of the matched files/folders under top directory</p> <p><input checked="" type="radio"/> Include them <input type="radio"/> Exclude them</p> <p>Exclusion</p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> <p>Match file/folder names by</p> <p><input checked="" type="radio"/> Simple comparison <input type="text" value="contain"/> <input type="radio"/> Regular expression (UNIX-style)</p> <p>How to Apply This Filter</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</p> <input type="text" value="/root/Documents"/> <p>Apply to</p> <p><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</p>	<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 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 = 9</p> <ol style="list-style-type: none"> 1. AhsayCloudFileBackupSolution_v10.pptx 2. AhsayCloudFileBackupSolution_v7.pptx 3. AhsayCloudFileBackupSolution_v8.pptx 4. AhsayCloudFileBackupSolution_v9.pptx 5. BackupSet_2015.docx 6. BackupSet_2016.docx 7. BackupSet_2017.docx 8. BackupSet_2018.docx 9. BackupSet_2019.docx <p>Total New Directories = 5</p> <ol style="list-style-type: none"> 1. / 2. /root 3. /root/Documents 4. /usr 6. /usr/local
---	--

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: true][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:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
Bandwidth Control	[Enabled: No, Mode: Share, Bandwidth Control:]
Others	Remove temporary files after backup: Yes, Follow Link: Yes, Volume Shadow Copy: Yes, File Permissions: No, Compression Type: Fast (Compressed size larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	03/19/2019 13:43
2	new	/root	4k / 4k (0%)	03/26/2019 16:32
3	new	/root/Documents	4k / 4k (0%)	03/18/2019 15:04
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	142 / 142 (0%)	03/25/2019 13:18
6	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	30k / 38k (20%)	03/18/2019 15:06
7	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	30k / 38k (20%)	03/18/2019 15:06
8	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	30k / 38k (20%)	03/18/2019 15:06
9	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	30k / 38k (20%)	03/18/2019 15:06
10	new	/root/Documents/BackupSet_2015.docx	12k / 14k (17%)	07/10/2018 17:24
11	new	/root/Documents/BackupSet_2016.docx	12k / 14k (17%)	07/10/2018 17:24
12	new	/root/Documents/BackupSet_2017.docx	12k / 14k (17%)	07/10/2018 17:24
13	new	/root/Documents/BackupSet_2018.docx	12k / 14k (17%)	07/10/2018 17:24
14	new	/root/Documents/BackupSet_2019.docx	12k / 14k (17%)	07/10/2018 17:24

Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1553743519899/Backup/
#cat 2019-03-28-11-27-52.log


[2019/03/28 11:28:10] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/28 11:28:10] [cbs] [1553743598667] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 11:28:10] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/28 11:28:10] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/28 11:28:11] [info] [1553743598667] Start Backup ... [In-File
Delta: Differential]
[2019/03/28 11:28:11] [info] [1553743598667] Using Temporary Directory
/root/tmp/1553743519899/OBS@1553743598667
[2019/03/28 11:28:11] [cbs] [1553743598667] info,Using Temporary Directory
/root/tmp/1553743519899/OBS@1553743598667,0,0,0,,,
[2019/03/28 11:28:11] [info] [-] Start running pre-commands
[2019/03/28 11:28:11] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/28 11:28:11] [info] [-] Finished running pre-commands
[2019/03/28 11:28:11] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/28 11:28:11] [info] [1553743598667] Downloading server file list...
[2019/03/28 11:28:12] [info] [1553743598667] Downloading server file list...
Completed
[2019/03/28 11:28:13] [info] [1553743598667] Reading backup source from hard
disk...
```



```
[2019/03/28 11:28:13] [info] [1553743598667] Reading backup source from hard
disk... Completed
[2019/03/28 11:28:13] [info] [1553743598667] [New Directory]... /
[2019/03/28 11:28:13] [cbs] [1553743598667] new,/,260,260,1552974191000,,,D
[2019/03/28 11:28:13] [info] [1553743598667] [New Directory]... /root
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/root,4096,4096,1553589172000,,,D
[2019/03/28 11:28:13] [info] [1553743598667] [New Directory]...
/root/Documents
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/root/Documents,4096,4096,1552892688000,,,D
[2019/03/28 11:28:13] [info] [1553743598667] [New Directory]... /usr
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/usr,155,155,1487122181000,,,D
[2019/03/28 11:28:13] [info] [1553743598667] [New Directory]... /usr/local
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,31184,38994,155289
2774000,,,F
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2019/03/28 11:28:13] [info] [1553743598667] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2019/03/28 11:28:13] [cbs] [1553743598667]
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:28:14] [info] [1553743598667] [New File]... 100% of
"/root/Documents/BackupSet_2015.docx"
[2019/03/28 11:28:14] [cbs] [1553743598667]
new,/root/Documents/BackupSet_2015.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:28:14] [info] [1553743598667] [New File]... 100% of
"/root/Documents/BackupSet_2016.docx"
[2019/03/28 11:28:14] [cbs] [1553743598667]
new,/root/Documents/BackupSet_2016.docx,12304,14902,1531214650000,,,F
```

```
[2019/03/28 11:28:14] [info] [1553743598667] [New File]... 100% of
"/root/Documents/BackupSet_2017.docx"
[2019/03/28 11:28:14] [cbs] [1553743598667]
new,/root/Documents/BackupSet_2017.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:28:14] [info] [1553743598667] [New File]... 100% of
"/root/Documents/BackupSet_2018.docx"
[2019/03/28 11:28:14] [cbs] [1553743598667]
new,/root/Documents/BackupSet_2018.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:28:14] [info] [1553743598667] [New File]... 100% of
"/root/Documents/BackupSet_2019.docx"
[2019/03/28 11:28:14] [cbs] [1553743598667]
new,/root/Documents/BackupSet_2019.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:28:15] [info] [1553743598667] Total New Files = 9
[2019/03/28 11:28:15] [info] [1553743598667] Total New Directories = 5
[2019/03/28 11:28:15] [info] [1553743598667] Total New Links = 0
[2019/03/28 11:28:15] [info] [1553743598667] Total Updated Files = 0
[2019/03/28 11:28:15] [info] [1553743598667] Total Deleted Files = 0
[2019/03/28 11:28:15] [info] [1553743598667] Total Deleted Directories = 0
[2019/03/28 11:28:15] [info] [1553743598667] Total Deleted Links = 0
[2019/03/28 11:28:15] [info] [1553743598667] Total Moved Files = 0
[2019/03/28 11:28:16] [info] [1553743598667] Saving encrypted backup file
index to 1553743519899/blocks at destination AhsayCBS...
[2019/03/28 11:28:16] [info] [1553743598667] Saving encrypted backup file
index to 1553743519899/blocks/2019-03-28-11-27-52 at destination AhsayCBS...
[2019/03/28 11:28:16] [info] [-] Start running post-commands
[2019/03/28 11:28:16] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 11:28:16] [info] [-] Finished running post-commands
[2019/03/28 11:28:16] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 11:28:19] [info] [1553743598667] Deleting temporary file
/root/tmp/1553743519899/OBS@1553743598667
[2019/03/28 11:28:19] [info] [1553743598667] Backup Completed Successfully
[2019/03/28 11:28:19] [cbs] [1553743598667] end,BS_STOP_SUCCESS,0,0,0,,,
```

3. Filter that ends with a lowercase letter x.

<p>Filter</p> <p>Name</p> <p>Filter that ends with lower-case letter x</p> <p>Matching pattern</p> <p>+ -</p> <p><input type="checkbox"/> Pattern </p> <p><input type="checkbox"/> x</p> <p>For each of the matched files/folders under top directory</p> <p><input checked="" type="radio"/> Include them <input type="radio"/> Exclude them</p> <p>Exclusion</p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> <p>Match file/folder names by</p> <p><input checked="" type="radio"/> Simple comparison ends with ▾ <input type="radio"/> Regular expression (UNIX-style)</p> <p>How to Apply This Filter</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</p> <p><input type="text" value="/root/Documents"/></p> <p>Apply to</p> <p><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</p>	<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 = 12</p> <ol style="list-style-type: none"> AhsayCloudFileBackupSolution_v10.pptx AhsayCloudFileBackupSolution_v7.pptx AhsayCloudFileBackupSolution_v8.pptx AhsayCloudFileBackupSolution_v9.pptx BackupSet_2015.docx BackupSet_2016.docx BackupSet_2017.docx BackupSet_2018.docx BackupSet_2019.docx SpreadSheet_x_151.xlsx SpreadSheet_x_152.xlsx SpreadSheet_x_153.xlsx <p>Total New Directories = 5</p> <ol style="list-style-type: none"> / /root /root/Documents /usr /usr/local
---	---

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: true][Name: Filter that ends with lower-case letter x, Type: ends with, Top Directory: /root/Documents, Include: Yes, Exclude all unmatch ed files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [x]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Da y: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Days]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
Bandwidth Control	[Enabled: No, Mode: Share, Bandwidth Control:]
Others	Remove temporary files after backup: Yes, Follow Link: Yes, Volume Shadow Copy: Yes, File Permissions: No, Compression Type: Fast (Compressed siz e larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	03/19/2019 13:43
2	new	/root	4k / 4k (0%)	03/26/2019 16:32
3	new	/root/Documents	4k / 4k (0%)	03/18/2019 15:04
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	142 / 142 (0%)	03/25/2019 13:18
6	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	30k / 38k (20%)	03/18/2019 15:06
7	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	30k / 38k (20%)	03/18/2019 15:06
8	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	30k / 38k (20%)	03/18/2019 15:06
9	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	30k / 38k (20%)	03/18/2019 15:06
10	new	/root/Documents/BackupSet_2015.docx	12k / 14k (17%)	07/10/2018 17:24
11	new	/root/Documents/BackupSet_2016.docx	12k / 14k (17%)	07/10/2018 17:24
12	new	/root/Documents/BackupSet_2017.docx	12k / 14k (17%)	07/10/2018 17:24
13	new	/root/Documents/BackupSet_2018.docx	12k / 14k (17%)	07/10/2018 17:24
14	new	/root/Documents/BackupSet_2019.docx	12k / 14k (17%)	07/10/2018 17:24
15	new	/root/Documents/SpreadSheet_x_151.xlsx	19k / 23k (15%)	03/18/2019 15:11
16	new	/root/Documents/SpreadSheet_x_152.xlsx	19k / 23k (15%)	03/18/2019 15:11
17	new	/root/Documents/SpreadSheet_x_153.xlsx	19k / 23k (15%)	03/18/2019 15:11

Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1553743682920/Backup
#cat 2019-03-28-11-32-44.log

[2019/03/28 11:33:02] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/28 11:33:02] [cbs] [1553743774520] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 11:33:03] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/28 11:33:03] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/28 11:33:04] [info] [1553743774520] Start Backup ... [In-File
Delta: Differential]
[2019/03/28 11:33:04] [info] [1553743774520] Using Temporary Directory
/root/tmp/1553743682920/OBS@1553743774520
[2019/03/28 11:33:04] [cbs] [1553743774520] info,Using Temporary Directory
/root/tmp/1553743682920/OBS@1553743774520,0,0,0,,,
[2019/03/28 11:33:04] [info] [-] Start running pre-commands
[2019/03/28 11:33:04] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/28 11:33:04] [info] [-] Finished running pre-commands
[2019/03/28 11:33:04] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/28 11:33:04] [info] [1553743774520] Downloading server file list...
[2019/03/28 11:33:05] [info] [1553743774520] Downloading server file list...
Completed
```

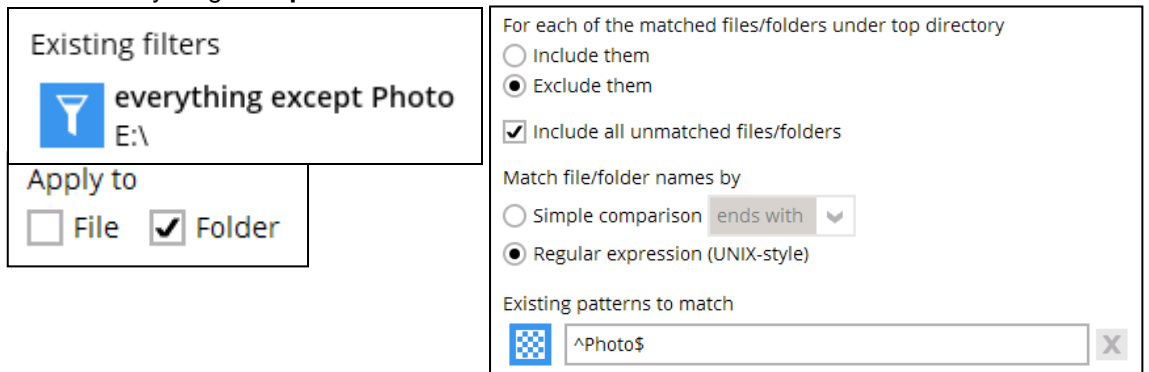
```
[2019/03/28 11:33:06] [info] [1553743774520] Reading backup source from hard
disk...
[2019/03/28 11:33:06] [info] [1553743774520] Reading backup source from hard
disk... Completed
[2019/03/28 11:33:07] [info] [1553743774520] [New Directory]... /
[2019/03/28 11:33:07] [cbs] [1553743774520] new,/,260,260,1552974191000,,,D
[2019/03/28 11:33:07] [info] [1553743774520] [New Directory]... /root
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root,4096,4096,1553589172000,,,D
[2019/03/28 11:33:07] [info] [1553743774520] [New Directory]...
/root/Documents
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents,4096,4096,1552892688000,,,D
[2019/03/28 11:33:07] [info] [1553743774520] [New Directory]... /usr
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/usr,155,155,1487122181000,,,D
[2019/03/28 11:33:07] [info] [1553743774520] [New Directory]... /usr/local
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,31184,38994,155289
2774000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 84% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,31184,38994,1552892
774000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/BackupSet_2015.docx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/BackupSet_2015.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/BackupSet_2016.docx"
```

```
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/BackupSet_2016.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/BackupSet_2017.docx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/BackupSet_2017.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/BackupSet_2018.docx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/BackupSet_2018.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/BackupSet_2019.docx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/BackupSet_2019.docx,12304,14902,1531214650000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/SpreadSheet_x_151.xlsx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/SpreadSheet_x_151.xlsx,20240,24044,1552893107000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/SpreadSheet_x_152.xlsx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/SpreadSheet_x_152.xlsx,20240,24044,1552893107000,,,F
[2019/03/28 11:33:07] [info] [1553743774520] [New File]... 100% of
"/root/Documents/SpreadSheet_x_153.xlsx"
[2019/03/28 11:33:07] [cbs] [1553743774520]
new,/root/Documents/SpreadSheet_x_153.xlsx,20240,24044,1552893107000,,,F
[2019/03/28 11:33:08] [info] [1553743774520] Total New Files = 12
[2019/03/28 11:33:08] [info] [1553743774520] Total New Directories = 5
[2019/03/28 11:33:08] [info] [1553743774520] Total New Links = 0
[2019/03/28 11:33:08] [info] [1553743774520] Total Updated Files = 0
[2019/03/28 11:33:08] [info] [1553743774520] Total Deleted Files = 0
[2019/03/28 11:33:08] [info] [1553743774520] Total Deleted Directories = 0
[2019/03/28 11:33:08] [info] [1553743774520] Total Deleted Links = 0
[2019/03/28 11:33:08] [info] [1553743774520] Total Moved Files = 0
[2019/03/28 11:33:09] [info] [1553743774520] Saving encrypted backup file
index to 1553743682920/blocks at destination AhsayCBS...
[2019/03/28 11:33:09] [info] [1553743774520] Saving encrypted backup file
index to 1553743682920/blocks/2019-03-28-11-32-44 at destination AhsayCBS...
[2019/03/28 11:33:10] [info] [-] Start running post-commands
[2019/03/28 11:33:10] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 11:33:10] [info] [-] Finished running post-commands
[2019/03/28 11:33:10] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 11:33:13] [info] [1553743774520] Deleting temporary file
/root/tmp/1553743682920/OBS@1553743774520
[2019/03/28 11:33:13] [info] [1553743774520] Backup Completed Successfully
[2019/03/28 11:33:13] [cbs] [1553743774520] end,BS_STOP_SUCCESS,0,0,0,,,
```

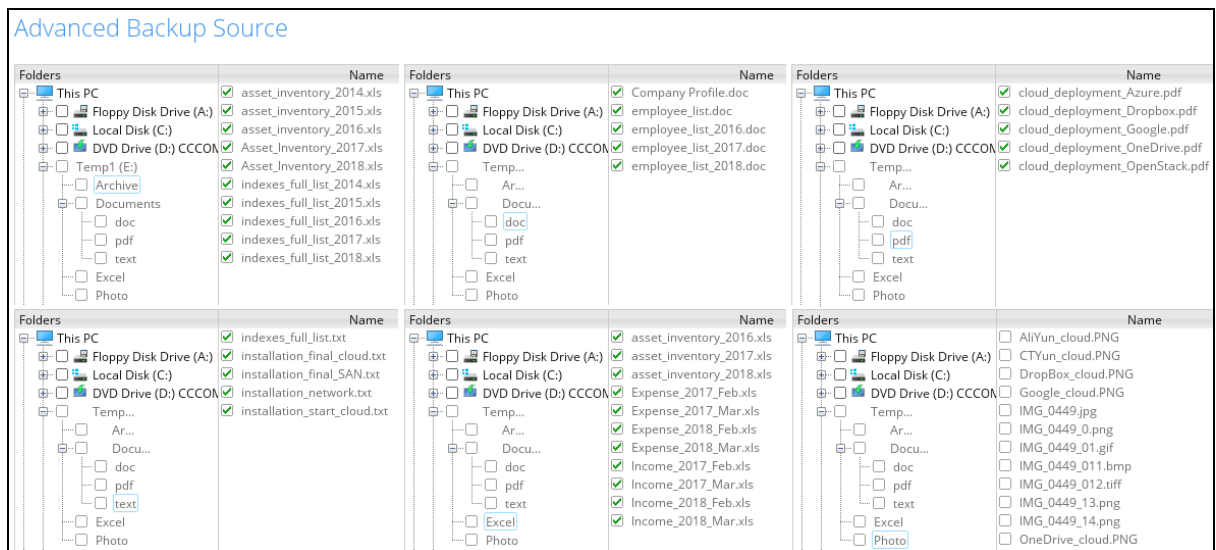
Appendix B Examples using Regular Expression (UNIX-style)

Appendix B.1 Windows OS

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



The result is:



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:

Field	Value
Backup Source	[E:\]
Filter	[Enabled: true][Name: everything except Photo, Type: Custom, Top Directory: E\, Include: No, Exclude all unmatched files/folders: Yes, Apply to Yes, Apply to files: No, Pattern: [*Photo\$]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Days]
Command Line Tool	
Reminder	Logout Backup Reminders: , Off-line Backup Reminders: , Off-line Notification Day: 1 Days 0 hours
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:

No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/26/2019 13:51
2	new	E\RECYCLE BIN	0 / 0 (0%)	03/18/2019 10:46
3	new	E\RECYCLE BIN\S-1-5-21-2154990900-2512593986-681316497-500	4k / 4k (0%)	03/26/2019 15:26
4	new	E\Archive	4k / 4k (0%)	03/26/2019 13:55
5	new	E\Documents	4k / 4k (0%)	03/26/2019 14:40
6	new	E\Documents\doc	0 / 0 (0%)	03/26/2019 13:59
7	new	E\Documents\pdf	4k / 4k (0%)	03/26/2019 14:05
8	new	E\Documents\text	4k / 4k (0%)	03/26/2019 14:15
9	new	E\Excel	4k / 4k (0%)	03/26/2019 14:18
10	new	E\RECYCLE BIN\S-1-5-21-2154990900-2512593986-681316497-500\desktop.ini	144 / 129 (0%)	03/18/2019 10:46
11	new	E\Archive\Asset_Inventory_2017.xls	25k / 25k (0%)	08/08/2018 08:42
12	new	E\Archive\Asset_Inventory_2018.xls	25k / 25k (0%)	08/08/2018 08:42
13	new	E\Archive\asset_inventory_2014.xls	25k / 25k (0%)	08/08/2018 08:42
14	new	E\Archive\asset_inventory_2015.xls	25k / 25k (0%)	08/08/2018 08:42
15	new	E\Archive\asset_inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
16	new	E\Archive\indexes_full_list_2014.xls	25k / 25k (0%)	08/08/2018 08:42
17	new	E\Archive\indexes_full_list_2016.xls	25k / 25k (0%)	08/08/2018 08:42
18	new	E\Archive\indexes_full_list_2015.xls	25k / 25k (0%)	08/08/2018 08:42
19	new	E\Archive\indexes_full_list_2017.xls	25k / 25k (0%)	08/08/2018 08:42
20	new	E\Archive\indexes_full_list_2018.xls	25k / 25k (0%)	08/08/2018 08:42
21	new	E\Documents\doc\Company Profile.doc	70k / 70k (0%)	07/19/2018 16:05
22	new	E\Documents\doc\employee_list.doc	70k / 70k (0%)	07/19/2018 16:05
23	new	E\Documents\doc\employee_list_2017.doc	70k / 70k (0%)	07/19/2018 16:05
24	new	E\Documents\doc\employee_list_2016.doc	70k / 70k (0%)	07/19/2018 16:05
25	new	E\Documents\doc\employee_list_2018.doc	70k / 70k (0%)	07/19/2018 16:05
26	new	E\Documents\pdf\cloud_deployment_Azure.pdf	103k / 103k (0%)	02/12/2019 15:26
27	new	E\Documents\pdf\cloud_deployment_Dropbox.pdf	103k / 103k (0%)	02/12/2019 15:26
28	new	E\Documents\pdf\cloud_deployment_OneDrive.pdf	103k / 103k (0%)	02/12/2019 15:26
29	new	E\Documents\pdf\cloud_deployment_Google.pdf	103k / 103k (0%)	02/12/2019 15:26
30	new	E\Documents\text\indexes_full_list.txt	8k / 7k (0%)	03/26/2019 14:06
31	new	E\Documents\pdf\cloud_deployment_OpenStack.pdf	103k / 103k (0%)	02/12/2019 15:26
32	new	E\Documents\text\installation_final_SAN.txt	8k / 7k (0%)	03/26/2019 14:06
33	new	E\Documents\text\installation_final_cloud.txt	8k / 7k (0%)	03/26/2019 14:06
34	new	E\Documents\text\installation_network.txt	8k / 7k (0%)	03/26/2019 14:06
35	new	E\Excel\Expense_2017_Feb.xls	25k / 25k (0%)	08/08/2018 08:42
36	new	E\Documents\text\installation_start_cloud.txt	8k / 7k (0%)	03/26/2019 14:06
37	new	E\Excel\Expense_2017_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
38	new	E\Excel\Expense_2018_Feb.xls	25k / 25k (0%)	08/08/2018 08:42
39	new	E\Excel\Expense_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
40	new	E\Excel\Income_2017_Feb.xls	25k / 25k (0%)	08/08/2018 08:42
41	new	E\Excel\Income_2018_Feb.xls	25k / 25k (0%)	08/08/2018 08:42
42	new	E\Excel\Income_2017_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
43	new	E\Excel\Income_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
44	new	E\Excel\asset_inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
45	new	E\Excel\asset_inventory_2018.xls	25k / 25k (0%)	08/08/2018 08:42
46	new	E\Excel\asset_inventory_2017.xls	25k / 25k (0%)	08/08/2018 08:42

Backup Log:

```
[2019/03/26 15:31:27] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/26 15:31:27] [cbs] [1553585355961] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/26 15:31:27] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/26 15:31:27] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/26 15:31:28] [info] [1553585355961] Start Backup ...
[In-File Delta: Full]
[2019/03/26 15:31:28] [info] [1553585355961] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553585252617\OBS@1553585355961
[2019/03/26 15:31:28] [cbs] [1553585355961] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553585252617\OBS@1553585355961,
0,0,0,,,
[2019/03/26 15:31:28] [info] [-] Start running pre-commands
[2019/03/26 15:31:28] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
```



```

[2019/03/26 15:31:28] [info] [-] Finished running pre-commands
[2019/03/26 15:31:28] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/26 15:31:28] [info] [1553585355961] Downloading server
file list...
[2019/03/26 15:31:29] [info] [1553585355961] Downloading server
file list... Completed
[2019/03/26 15:31:30] [info] [1553585355961] Reading backup
source from hard disk...
[2019/03/26 15:31:31] [info] [1553585355961] Reading backup
source from hard disk... Completed
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\,4096,4096,1553579468344,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\$RECYCLE.BIN
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\$RECYCLE.BIN,0,0,1552877170882,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\$RECYCLE.BIN\S-1-5-21-2154990900-2512593986-681316497-500
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\$RECYCLE.BIN\S-1-5-21-2154990900-2512593986-681316497-
500,4096,4096,1553585218133,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\Archive
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\Archive,4096,4096,1553579700297,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\Documents
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\Documents,4096,4096,1553582411810,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\Documents\doc
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\Documents\doc,0,0,1553579976410,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\Documents\pdf
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\Documents\pdf,4096,4096,1553580337081,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\Documents\text
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\Documents\text,4096,4096,1553580906736,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New Directory]...
E:\Excel
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\Excel,4096,4096,1553581120298,,,D
[2019/03/26 15:31:31] [info] [1553585355961] [New File]... 100%
of "E:\$RECYCLE.BIN\S-1-5-21-2154990900-2512593986-681316497-
500\desktop.ini"
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\$RECYCLE.BIN\S-1-5-21-2154990900-2512593986-681316497-
500\desktop.ini,144,129,1552877170913,,,F
[2019/03/26 15:31:31] [info] [1553585355961] [New File]... 64% of
"E:\Archive\Asset_Inventory_2017.xls"
[2019/03/26 15:31:31] [info] [1553585355961] [New File]... 96% of
"E:\Archive\Asset_Inventory_2017.xls"
[2019/03/26 15:31:31] [info] [1553585355961] [New File]... 100%
of "E:\Archive\Asset_Inventory_2017.xls"
[2019/03/26 15:31:31] [cbs] [1553585355961]
new,E:\Archive\Asset_Inventory_2017.xls,25616,25600,1533688940465
,,,F

```

[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 64% of "E:\Archive\Asset_Inventory_2018.xls"
[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 96% of "E:\Archive\Asset_Inventory_2018.xls"
[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 100% of "E:\Archive\Asset_Inventory_2018.xls"
[2019/03/26 15:31:32] [cbs] [1553585355961]
new,E:\Archive\Asset_Inventory_2018.xls,25616,25600,1533688940465
,,,F
[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 64% of "E:\Archive\asset_inventory_2014.xls"
[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 96% of "E:\Archive\asset_inventory_2014.xls"
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of "E:\Excel\asset_inventory_2017.xls"
[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 64% of
"E:\Excel\asset_inventory_2018.xls"
[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 96% of
"E:\Excel\asset_inventory_2018.xls"
[2019/03/26 15:31:32] [info] [1553585355961] [New File]... 100%
of "E:\Excel\asset_inventory_2018.xls"
[2019/03/26 15:31:32] [cbs] [1553585355961]
new,E:\Excel\asset_inventory_2018.xls,25616,25600,1533688940465,,
,F
[2019/03/26 15:31:32] [cbs] [1553585355961]
new,E:\Excel\asset_inventory_2017.xls,25616,25600,1533688940465,,
,F
[2019/03/26 15:31:34] [info] [1553585355961] Total New Files = 37
[2019/03/26 15:31:34] [info] [1553585355961] Total New
Directories = 9
[2019/03/26 15:31:34] [info] [1553585355961] Total New Links = 0
[2019/03/26 15:31:34] [info] [1553585355961] Total Updated Files
= 0
[2019/03/26 15:31:34] [info] [1553585355961] Total Attributes
Changed Files = 0
[2019/03/26 15:31:34] [info] [1553585355961] Total Deleted Files
= 0
[2019/03/26 15:31:34] [info] [1553585355961] Total Deleted
Directories = 0

```

```
[2019/03/26 15:31:34] [info] [1553585355961] Total Deleted Links = 0
[2019/03/26 15:31:34] [info] [1553585355961] Total Moved Files = 0
[2019/03/26 15:31:35] [info] [1553585355961] Saving encrypted backup file index to 1553585252617/blocks at destination AhsayCBS...
[2019/03/26 15:31:35] [info] [1553585355961] Saving encrypted backup file index to 1553585252617/blocks/2019-03-26-15-31-27 at destination AhsayCBS...
[2019/03/26 15:31:36] [info] [-] Start running post-commands
[2019/03/26 15:31:36] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/26 15:31:36] [info] [-] Finished running post-commands
[2019/03/26 15:31:36] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/26 15:31:36] [info] [1553585355961] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553585252617\OBS@1553585355961
[2019/03/26 15:31:36] [info] [1553585355961] Backup Completed Successfully
[2019/03/26 15:31:36] [cbs] [1553585355961]
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
E:\

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
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCON [-] Temp... [-] Archive [-] Documents <ul style="list-style-type: none"> [-] doc [-] pdf [-] text [-] Excel [-] Photo 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> asset_inventory_2014.xls <input checked="" type="checkbox"/> asset_inventory_2015.xls <input checked="" type="checkbox"/> asset_inventory_2016.xls <input type="checkbox"/> Asset_Inventory_2017.xls <input type="checkbox"/> Asset_Inventory_2018.xls <input type="checkbox"/> indexes_full_list_2014.xls <input type="checkbox"/> indexes_full_list_2015.xls <input type="checkbox"/> indexes_full_list_2016.xls <input type="checkbox"/> indexes_full_list_2017.xls <input type="checkbox"/> indexes_full_list_2018.xls
Folders	Name
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCON [-] Temp... [-] Archive [-] Documents <ul style="list-style-type: none"> [-] doc [-] pdf [-] text [-] Excel [-] Photo 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> asset_inventory_2016.xls <input checked="" type="checkbox"/> asset_inventory_2017.xls <input checked="" type="checkbox"/> asset_inventory_2018.xls <input type="checkbox"/> Expense_2017_Feb.xls <input type="checkbox"/> Expense_2017_Mar.xls <input type="checkbox"/> Expense_2018_Feb.xls <input type="checkbox"/> Expense_2018_Mar.xls <input type="checkbox"/> Income_2017_Feb.xls <input type="checkbox"/> Income_2017_Mar.xls <input type="checkbox"/> Income_2018_Feb.xls <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: true][Name: excel files that starts with a, Type: Custom, Top Directory: E\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [**.xls\$]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Days]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/26/2019 13:51
2	new	E\Archive	4k / 4k (0%)	03/26/2019 13:55
3	new	E\Excel	4k / 4k (0%)	03/26/2019 14:18
4	new	E\Archive\asset_inventory_2014.xls	25k / 25k (0%)	08/08/2018 08:42
5	new	E\Archive\asset_inventory_2015.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	E\Archive\asset_inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
7	new	E\Excel\asset_inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
8	new	E\Excel\asset_inventory_2018.xls	25k / 25k (0%)	08/08/2018 08:42
9	new	E\Excel\asset_inventory_2017.xls	25k / 25k (0%)	08/08/2018 08:42

Report Log:

```
[2019/03/26 15:45:12] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/26 15:45:12] [cbs] [1553586226722] start,"Start [ Windows
10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/26 15:45:12] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/26 15:45:12] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/26 15:45:14] [info] [1553586226722] Start Backup ... [In-
File Delta: Full]
[2019/03/26 15:45:14] [info] [1553586226722] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553585937302\OBS@1553586226722
[2019/03/26 15:45:14] [cbs] [1553586226722] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553585937302\OBS@1553586226722,0,
0,0,,,
[2019/03/26 15:45:14] [info] [-] Start running pre-commands
[2019/03/26 15:45:14] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/26 15:45:14] [info] [-] Finished running pre-commands
[2019/03/26 15:45:14] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/26 15:45:14] [info] [1553586226722] Downloading server
file list...
[2019/03/26 15:45:14] [info] [1553586226722] Downloading server
file list... Completed
[2019/03/26 15:45:15] [info] [1553586226722] Reading backup source
from hard disk...
[2019/03/26 15:45:16] [info] [1553586226722] Reading backup source
from hard disk... Completed
[2019/03/26 15:45:17] [info] [1553586226722] [New Directory]... E:\
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\,4096,4096,1553579468344,,,D
[2019/03/26 15:45:17] [info] [1553586226722] [New Directory]...
E:\Archive
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Archive,4096,4096,1553579700297,,,D
[2019/03/26 15:45:17] [info] [1553586226722] [New Directory]...
E:\Excel
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Excel,4096,4096,1553581120298,,,D
```

```


[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 64% of
"E:\Archive\asset_inventory_2014.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 96% of
"E:\Archive\asset_inventory_2014.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 100% of
"E:\Archive\asset_inventory_2014.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 64% of
"E:\Archive\asset_inventory_2015.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 96% of
"E:\Archive\asset_inventory_2015.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 100% of
"E:\Archive\asset_inventory_2015.xls"
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Archive\asset_inventory_2014.xls,25616,25600,1533688940465,,
,F
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Archive\asset_inventory_2015.xls,25616,25600,1533688940465,,
,F
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 64% of
"E:\Archive\asset_inventory_2016.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 96% of
"E:\Archive\asset_inventory_2016.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 100% of
"E:\Archive\asset_inventory_2016.xls"
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Archive\asset_inventory_2016.xls,25616,25600,1533688940465,,
,F
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 64% of
"E:\Excel\asset_inventory_2016.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 96% of
"E:\Excel\asset_inventory_2016.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 100% of
"E:\Excel\asset_inventory_2016.xls"
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Excel\asset_inventory_2016.xls,25616,25600,1533688940465,,,F
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 64% of
"E:\Excel\asset_inventory_2017.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 96% of
"E:\Excel\asset_inventory_2017.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 100% of
"E:\Excel\asset_inventory_2017.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 64% of
"E:\Excel\asset_inventory_2018.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 96% of
"E:\Excel\asset_inventory_2018.xls"
[2019/03/26 15:45:17] [info] [1553586226722] [New File]... 100% of
"E:\Excel\asset_inventory_2018.xls"
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Excel\asset_inventory_2018.xls,25616,25600,1533688940465,,,F
[2019/03/26 15:45:17] [cbs] [1553586226722]
new,E:\Excel\asset_inventory_2017.xls,25616,25600,1533688940465,,,F
[2019/03/26 15:45:18] [info] [1553586226722] Total New Files = 6
[2019/03/26 15:45:18] [info] [1553586226722] Total New Directories
= 3
[2019/03/26 15:45:18] [info] [1553586226722] Total New Links = 0
[2019/03/26 15:45:18] [info] [1553586226722] Total Updated Files =
0
[2019/03/26 15:45:18] [info] [1553586226722] Total Attributes
Changed Files = 0
[2019/03/26 15:45:18] [info] [1553586226722] Total Deleted Files =
0
[2019/03/26 15:45:18] [info] [1553586226722] Total Deleted
Directories = 0

```

```
[2019/03/26 15:45:18] [info] [1553586226722] Total Deleted Links = 0
[2019/03/26 15:45:18] [info] [1553586226722] Total Moved Files = 0
[2019/03/26 15:45:19] [info] [1553586226722] Saving encrypted backup file index to 1553585937302/blocks at destination AhsayCBS...
[2019/03/26 15:45:20] [info] [1553586226722] Saving encrypted backup file index to 1553585937302/blocks/2019-03-26-15-45-12 at destination AhsayCBS...
[2019/03/26 15:45:20] [info] [-] Start running post-commands
[2019/03/26 15:45:20] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/26 15:45:20] [info] [-] Finished running post-commands
[2019/03/26 15:45:20] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/26 15:45:20] [info] [1553586226722] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553585937302\OBS@1553586226722
[2019/03/26 15:45:20] [info] [1553586226722] Backup Completed Successfully
[2019/03/26 15:45:20] [cbs] [1553586226722]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

Existing filters

 **contains cloud**
E:\

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

 X

The result is:

Advanced Backup Source

Folders	Name	Folders	Name		
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCON [-] Temp... [-] Ar... [-] Docu... <ul style="list-style-type: none"> [-] doc [-] pdf [-] text [-] Excel [-] Photo 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> cloud_deployment_Azure.pdf <input checked="" type="checkbox"/> cloud_deployment_Dropbox.pdf <input checked="" type="checkbox"/> cloud_deployment_Google.pdf <input checked="" type="checkbox"/> cloud_deployment_OneDrive.pdf <input checked="" type="checkbox"/> cloud_deployment_OpenStack.pdf 	<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCON [-] Temp... [-] Ar... [-] Docu... <ul style="list-style-type: none"> [-] doc [-] pdf [-] text [-] Excel [-] Photo 	<ul style="list-style-type: none"> <input type="checkbox"/> indexes_full_list.txt <input checked="" type="checkbox"/> installation_final_cloud.txt <input type="checkbox"/> installation_final_SAN.txt <input type="checkbox"/> installation_network.txt <input checked="" type="checkbox"/> installation_start_cloud.txt 		
	<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCON [-] Temp... [-] Ar... [-] Docu... <ul style="list-style-type: none"> [-] doc [-] pdf [-] text [-] Excel [-] Photo 		<ul style="list-style-type: none"> <input checked="" type="checkbox"/> AiYun_cloud.PNG <input checked="" type="checkbox"/> CTYun_cloud.PNG <input checked="" type="checkbox"/> DropBox_cloud.PNG <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.tiff <input type="checkbox"/> IMG_0449_13.png <input type="checkbox"/> IMG_0449_14.png <input checked="" type="checkbox"/> 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: true][Name: contains cloud, Type: Custom, Top Directory: E:\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [*cloud*]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	E\	4k / 4k (0%)	03/26/2019 13:51
2	new	E\Documents	4k / 4k (0%)	03/26/2019 14:40
3	new	E\Documents\pdf	4k / 4k (0%)	03/26/2019 14:05
4	new	E\Documents\text	4k / 4k (0%)	03/26/2019 14:15
5	new	E\Photo	4k / 4k (0%)	03/26/2019 14:34
6	new	E\Documents\pdf\cloud_deployment_Dropbox.pdf	103k / 103k (0%)	02/12/2019 15:26
7	new	E\Documents\pdf\cloud_deployment_Azure.pdf	103k / 103k (0%)	02/12/2019 15:26
8	new	E\Documents\pdf\cloud_deployment_Google.pdf	103k / 103k (0%)	02/12/2019 15:26
9	new	E\Documents\pdf\cloud_deployment_OneDrive.pdf	103k / 103k (0%)	02/12/2019 15:26
10	new	E\Documents\pdf\cloud_deployment_OpenStack.pdf	103k / 103k (0%)	02/12/2019 15:26
11	new	E\Documents\text\installation_final_cloud.txt	8k / 7k (0%)	03/26/2019 14:06
12	new	E\Documents\text\installation_start_cloud.txt	8k / 7k (0%)	03/26/2019 14:06
13	new	E\Photo\AliYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
14	new	E\Photo\CTYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
15	new	E\Photo\Google_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
16	new	E\Photo\DropBox_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
17	new	E\Photo\OneDrive_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52

Backup Log:

```
[2019/03/26 16:00:26] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/26 16:00:26] [cbs] [1553587205155] start,"Start [ Windows
10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/26 16:00:26] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/26 16:00:26] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/26 16:00:27] [info] [1553587205155] Start Backup ... [In-
File Delta: Full]
[2019/03/26 16:00:27] [info] [1553587205155] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553586769406\OBS@1553587205155
[2019/03/26 16:00:27] [cbs] [1553587205155] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553586769406\OBS@1553587205155,0,
0,0,,,
[2019/03/26 16:00:27] [info] [-] Start running pre-commands
[2019/03/26 16:00:27] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/26 16:00:27] [info] [-] Finished running pre-commands
[2019/03/26 16:00:27] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/26 16:00:27] [info] [1553587205155] Downloading server
file list...
[2019/03/26 16:00:28] [info] [1553587205155] Downloading server
file list... Completed
[2019/03/26 16:00:29] [info] [1553587205155] Reading backup source
from hard disk...
[2019/03/26 16:00:29] [info] [1553587205155] Reading backup source
from hard disk... Completed
[2019/03/26 16:00:29] [info] [1553587205155] [New Directory]... E:\
[2019/03/26 16:00:29] [cbs] [1553587205155]
new,E:\,4096,4096,1553579468344,,,D
[2019/03/26 16:00:29] [info] [1553587205155] [New Directory]...
E:\Documents
```

[2019/03/26 16:00:29] [cbs] [1553587205155]
new,E:\Documents,4096,4096,1553582411810,,,D
[2019/03/26 16:00:29] [info] [1553587205155] [New Directory]...
E:\Documents\pdf
[2019/03/26 16:00:29] [cbs] [1553587205155]
new,E:\Documents\pdf,4096,4096,1553580337081,,,D
[2019/03/26 16:00:29] [info] [1553587205155] [New Directory]...
E:\Documents\text
[2019/03/26 16:00:29] [cbs] [1553587205155]
new,E:\Documents\text,4096,4096,1553580906736,,,D
[2019/03/26 16:00:29] [info] [1553587205155] [New Directory]...
E:\Photo
[2019/03/26 16:00:29] [cbs] [1553587205155]
new,E:\Photo,4096,4096,1553582082123,,,D
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 23% of
"E:\Documents\pdf\cloud_deployment_Dropbox.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 38% of
"E:\Documents\pdf\cloud_deployment_Dropbox.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 53% of
"E:\Documents\pdf\cloud_deployment_Dropbox.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 69% of
"E:\Documents\pdf\cloud_deployment_Dropbox.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 84% of
"E:\Documents\pdf\cloud_deployment_Dropbox.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Documents\pdf\cloud_deployment_Dropbox.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 23% of
"E:\Documents\pdf\cloud_deployment_Azure.pdf"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Documents\pdf\cloud_deployment_Dropbox.pdf,106400,106398,154
9956371235,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 38% of
"E:\Documents\pdf\cloud_deployment_Azure.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 53% of
"E:\Documents\pdf\cloud_deployment_Azure.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 69% of
"E:\Documents\pdf\cloud_deployment_Azure.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 84% of
"E:\Documents\pdf\cloud_deployment_Azure.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Documents\pdf\cloud_deployment_Azure.pdf"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Documents\pdf\cloud_deployment_Azure.pdf,106400,106398,15499
56371235,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 23% of
"E:\Documents\pdf\cloud_deployment_Google.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 38% of
"E:\Documents\pdf\cloud_deployment_Google.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 53% of
"E:\Documents\pdf\cloud_deployment_Google.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 69% of
"E:\Documents\pdf\cloud_deployment_Google.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 84% of
"E:\Documents\pdf\cloud_deployment_Google.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Documents\pdf\cloud_deployment_Google.pdf"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Documents\pdf\cloud_deployment_Google.pdf,106400,106398,1549
956371235,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 23% of
"E:\Documents\pdf\cloud_deployment_OneDrive.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 38% of
"E:\Documents\pdf\cloud_deployment_OneDrive.pdf"

```

[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 53% of
"E:\Documents\pdf\cloud_deployment_OneDrive.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 69% of
"E:\Documents\pdf\cloud_deployment_OneDrive.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 84% of
"E:\Documents\pdf\cloud_deployment_OneDrive.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Documents\pdf\cloud_deployment_OneDrive.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 23% of
"E:\Documents\pdf\cloud_deployment_OpenStack.pdf"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Documents\pdf\cloud_deployment_OneDrive.pdf,106400,106398,15
49956371235,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 38% of
"E:\Documents\pdf\cloud_deployment_OpenStack.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 53% of
"E:\Documents\pdf\cloud_deployment_OpenStack.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 69% of
"E:\Documents\pdf\cloud_deployment_OpenStack.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 84% of
"E:\Documents\pdf\cloud_deployment_OpenStack.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Documents\pdf\cloud_deployment_OpenStack.pdf"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Documents\text\installation_final_cloud.txt"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Documents\pdf\cloud_deployment_OpenStack.pdf,106400,106398,1
549956371235,,,F
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Documents\text\installation_final_cloud.txt,8192,8190,155358
0388706,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Documents\text\installation_start_cloud.txt"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Documents\text\installation_start_cloud.txt,8192,8190,155358
0388706,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 41% of
"E:\Photo\AliYun_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 62% of
"E:\Photo\AliYun_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 83% of
"E:\Photo\AliYun_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Photo\AliYun_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 41% of
"E:\Photo\CTYun_cloud.PNG"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Photo\AliYun_cloud.PNG,39072,39056,1543809122431,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 62% of
"E:\Photo\CTYun_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 83% of
"E:\Photo\CTYun_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Photo\CTYun_cloud.PNG"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Photo\CTYun_cloud.PNG,39072,39056,1543809122431,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 41% of
"E:\Photo\Google_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 62% of
"E:\Photo\Google_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 83% of
"E:\Photo\Google_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Photo\Google_cloud.PNG"

```




```

[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 41% of
"E:\Photo\DropBox_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 62% of
"E:\Photo\DropBox_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 83% of
"E:\Photo\DropBox_cloud.PNG"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Photo\Google_cloud.PNG,39072,39056,1543809122431,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Photo\DropBox_cloud.PNG"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Photo\DropBox_cloud.PNG,39072,39056,1543809122431,,,F
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 41% of
"E:\Photo\OneDrive_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 62% of
"E:\Photo\OneDrive_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 83% of
"E:\Photo\OneDrive_cloud.PNG"
[2019/03/26 16:00:30] [info] [1553587205155] [New File]... 100% of
"E:\Photo\OneDrive_cloud.PNG"
[2019/03/26 16:00:30] [cbs] [1553587205155]
new,E:\Photo\OneDrive_cloud.PNG,39072,39056,1543809122431,,,F
[2019/03/26 16:00:31] [info] [1553587205155] Total New Files = 12
[2019/03/26 16:00:31] [info] [1553587205155] Total New Directories
= 5
[2019/03/26 16:00:31] [info] [1553587205155] Total New Links = 0
[2019/03/26 16:00:31] [info] [1553587205155] Total Updated Files =
0
[2019/03/26 16:00:31] [info] [1553587205155] Total Attributes
Changed Files = 0
[2019/03/26 16:00:31] [info] [1553587205155] Total Deleted Files =
0
[2019/03/26 16:00:31] [info] [1553587205155] Total Deleted
Directories = 0
[2019/03/26 16:00:31] [info] [1553587205155] Total Deleted Links =
0
[2019/03/26 16:00:31] [info] [1553587205155] Total Moved Files = 0
[2019/03/26 16:00:33] [info] [1553587205155] Saving encrypted
backup file index to 1553586769406/blocks at destination
AhsayCBS...
[2019/03/26 16:00:33] [info] [1553587205155] Saving encrypted
backup file index to 1553586769406/blocks/2019-03-26-16-00-26 at
destination AhsayCBS...
[2019/03/26 16:00:34] [info] [-] Start running post-commands
[2019/03/26 16:00:34] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/26 16:00:34] [info] [-] Finished running post-commands
[2019/03/26 16:00:34] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/26 16:00:34] [info] [1553587205155] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553586769406\OBS@1553587205155
[2019/03/26 16:00:34] [info] [1553587205155] Backup Completed
Successfully
[2019/03/26 16:00:34] [cbs] [1553587205155]
end,BS_STOP_SUCCESS,0,0,0,,,

```

Appendix B.2 Linux/ FreeBSD OS

1. Filter that starts with uppercase letter L.

<p>Filter</p> <p>Name</p> <p>Filter that starts with uppercase letter L RegularExpres:</p> <hr/> <p>Matching pattern</p> <p>+ -</p> <p><input type="checkbox"/> Pattern </p> <p><input type="checkbox"/> ^L.*</p> <hr/> <p>For each of the matched files/folders under top directory</p> <p><input checked="" type="radio"/> Include them</p> <p><input type="radio"/> Exclude them</p> <hr/> <p>Exclusion</p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> <hr/> <p>Match file/folder names by</p> <p><input type="radio"/> Simple comparison starts with ▾</p> <p><input checked="" type="radio"/> Regular expression (UNIX-style)</p> <hr/> <p>How to Apply This Filter</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</p> <p>/root/Documents_2</p> <p>Apply to</p> <p><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</p>	<p>Filter Name = Filter that starts with uppercase letter L RegularExpression</p> <p>Matching Pattern = ^L.*</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_2</p> <hr/> <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"> 1. <u>L</u>ogFile.txt 2. <u>L</u>ogFile_2017.txt 3. <u>L</u>ogFile_2018.txt <p>Total New Directories = 5</p> <ol style="list-style-type: none"> 1. / 2. /root 3. /root/Documents_2 4. /usr 5. /usr/local
---	--

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: true][Name: Filter that starts with uppercase letter L Regular Expression, Type: Custom, Top Directory: /root/Documents_2, 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]
In-File Delta	[Enabled: Yes, Default Type: L, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: centos7, Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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 (Compressed size larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	19/03/2019 13:43
2	new	/root	4k / 4k (0%)	26/03/2019 16:32
3	new	/root/Documents_2	4k / 4k (0%)	27/03/2019 09:37
4	new	/usr	155 / 155 (0%)	15/02/2017 09:29
5	new	/usr/local	142 / 142 (0%)	25/03/2019 13:18
6	new	/root/Documents_2/LogFile_2017.txt	256 / 7k (96%)	17/12/2018 14:27
7	new	/root/Documents_2/LogFile.txt	256 / 7k (96%)	17/12/2018 14:27
8	new	/root/Documents_2/LogFile_2018.txt	256 / 7k (96%)	17/12/2018 14:27

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/155650841680/Backup
#cat 2019-03-27-10-44-30.log

[2019/03/27 10:44:48] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/27 10:44:48] [cbs] [1553652931132] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 10:44:48] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/27 10:44:48] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/27 10:44:50] [info] [1553652931132] Start Backup ... [In-File
Delta: Incremental]
[2019/03/27 10:44:50] [info] [1553652931132] Using Temporary Directory
/root/temp/1553650841680/OBS@1553652931132
[2019/03/27 10:44:50] [cbs] [1553652931132] info,Using Temporary Directory
/root/temp/1553650841680/OBS@1553652931132,0,0,0,,,
[2019/03/27 10:44:56] [info] [-] Start running pre-commands
[2019/03/27 10:44:56] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/27 10:44:56] [info] [-] Finished running pre-commands
[2019/03/27 10:44:56] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/27 10:44:56] [info] [1553652931132] Downloading server file list...
[2019/03/27 10:45:01] [info] [1553652931132] Downloading server file list...
Completed
[2019/03/27 10:45:06] [info] [1553652931132] Reading backup source from hard
disk...
[2019/03/27 10:45:17] [info] [1553652931132] [New Directory]... /
[2019/03/27 10:45:17] [cbs] [1553652931132] new,/,260,260,1552974191000,,,D
[2019/03/27 10:45:18] [info] [1553652931132] [New Directory]... /root
[2019/03/27 10:45:18] [cbs] [1553652931132]
```

```

new,/root,4096,4096,1553589172000,,,D
[2019/03/27 10:45:18] [info] [1553652931132] [New Directory]...
/root/Documents_2
[2019/03/27 10:45:18] [cbs] [1553652931132]
new,/root/Documents_2,4096,4096,1553650620000,,,D
[2019/03/27 10:45:18] [info] [1553652931132] [New Directory]... /usr
[2019/03/27 10:45:18] [cbs] [1553652931132]
new,/usr,155,155,1487122181000,,,D
[2019/03/27 10:45:18] [info] [1553652931132] [New Directory]... /usr/local
[2019/03/27 10:45:18] [cbs] [1553652931132]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/27 10:45:19] [info] [1553652931132] Reading backup source from hard
disk... Completed
[2019/03/27 10:45:57] [info] [1553652931132] [New File]... 100% of
"/root/Documents_2/LogFile_2017.txt"
[2019/03/27 10:45:57] [cbs] [1553652931132]
new,/root/Documents_2/LogFile_2017.txt,256,7282,1545028063000,,,F
[2019/03/27 10:45:57] [info] [1553652931132] [New File]... 100% of
"/root/Documents_2/LogFile.txt"
[2019/03/27 10:45:57] [cbs] [1553652931132]
new,/root/Documents_2/LogFile.txt,256,7282,1545028063000,,,F
[2019/03/27 10:45:57] [info] [1553652931132] [New File]... 100% of
"/root/Documents_2/LogFile_2018.txt"
[2019/03/27 10:45:57] [cbs] [1553652931132]
new,/root/Documents_2/LogFile_2018.txt,256,7282,1545028063000,,,F
[2019/03/27 10:50:58] [info] [1553652931132] Failed to upload file
"1553650841680/blocks/2019-03-27-10-44-30/0/000000.bak", will retry after 30
seconds (# of retry: 1/10)
[2019/03/27 10:50:58] [cbs] [1553652931132] info,"Failed to upload file
\"1553650841680/blocks/2019-03-27-10-44-30/0/000000.bak\", will retry after
30 seconds (# of retry: 1/10)",0,0,0,,,
[2019/03/27 10:50:58] [hide] [1553652931132]
[ChunkedOutputStream.FlushData.execute] Will retry upload
"1553650841680/blocks/2019-03-27-10-44-30/0/000000.bak", reason =
com.ahsay.afc.cloud.d: [ObsManager.mkdirs] Failed to mkdirs, path:
1553650841680/blocks/2019-03-27-10-44-30/0, (ClientHandlerException:
java.net.SocketTimeoutException: Read timed out), lDestID = 0
[2019/03/27 10:53:14] [info] [1553652931132] Total New Files = 3
[2019/03/27 10:53:14] [info] [1553652931132] Total New Directories = 5
[2019/03/27 10:53:14] [info] [1553652931132] Total New Links = 0
[2019/03/27 10:53:14] [info] [1553652931132] Total Updated Files = 0
[2019/03/27 10:53:14] [info] [1553652931132] Total Attributes Changed Files
= 0
[2019/03/27 10:53:14] [info] [1553652931132] Total Deleted Files = 0
[2019/03/27 10:53:14] [info] [1553652931132] Total Deleted Directories = 0
[2019/03/27 10:53:14] [info] [1553652931132] Total Deleted Links = 0
[2019/03/27 10:53:14] [info] [1553652931132] Total Moved Files = 0
[2019/03/27 10:53:16] [info] [1553652931132] Saving encrypted backup file
index to 1553650841680/blocks at destination AhsayCBS...
[2019/03/27 10:53:21] [info] [1553652931132] Saving encrypted backup file
index to 1553650841680/blocks/2019-03-27-10-44-30 at destination AhsayCBS...
[2019/03/27 10:53:22] [info] [-] Start running post-commands
[2019/03/27 10:53:22] [cbs] [-] info,Start running post-commands,0,0,0,,,

```

```
[2019/03/27 10:53:22] [info] [-] Finished running post-commands
[2019/03/27 10:53:22] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/27 10:53:25] [info] [1553652931132] Deleting temporary file
/root/temp/1553650841680/OBS@1553652931132
[2019/03/27 10:53:37] [info] [1553652931132] Backup Completed Successfully
[2019/03/27 10:53:37] [cbs] [1553652931132] end,BS_STOP_SUCCESS,0,0,0,,,
```


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

Backup Report from AhsayCBS Web Console

Field	Value
Backup Source	
Filter	[Enabled: true][Name: Filter that contains the word version Regular Expression, Type: Custom, Top Directory: /root/Documents_2, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [.*version.*\$]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminders: , Off-line Backup Reminders: , Off-line Notification Day: 1 Days 0 hours
Bandwidth Control	[Enabled: No, Mode: Share, Bandwidth Control:]
Others	Remove temporary files after backup: Yes, Follow Link: Yes, Volume Shadow Copy: Yes, File Permissions: No, Compression Type: Fast (Compressed size larger than normal)

No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	03/19/2019 13:43
2	new	/root	4k / 4k (0%)	03/26/2019 16:32
3	new	/root/Documents_2	4k / 4k (0%)	03/27/2019 09:37
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	142 / 142 (0%)	03/25/2019 13:18
6	new	/root/Documents_2/AhsayCBS_version7_UserGuide.docx	12k / 14k (17%)	07/10/2018 17:24
7	new	/root/Documents_2/AhsayACB_UserGuideforWindows_version7.docx	12k / 14k (17%)	07/10/2018 17:24
8	new	/root/Documents_2/AhsayOBM_version7_QuickStartGuide.docx	12k / 14k (17%)	07/10/2018 17:24
9	new	/root/Documents_2/version7_AhsayMOB_UserGuideAndroid.docx	12k / 14k (17%)	07/10/2018 17:24

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1553658143843/Backup
#cat 2019-03-27-11-47-18.log

[2019/03/27 11:47:36] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/27 11:47:37] [cbs] [1553658227296] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 11:47:37] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/27 11:47:37] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/27 11:47:41] [info] [1553658227296] Start Backup ... [In-File
Delta: Differential]
[2019/03/27 11:47:41] [info] [1553658227296] Using Temporary Directory
/root/tmp/1553658143843/OBS@1553658227296
[2019/03/27 11:47:41] [cbs] [1553658227296] info,Using Temporary Directory
/root/tmp/1553658143843/OBS@1553658227296,0,0,0,,,
[2019/03/27 11:47:48] [info] [-] Start running pre-commands
[2019/03/27 11:47:48] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/27 11:47:48] [info] [-] Finished running pre-commands
[2019/03/27 11:47:48] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/27 11:47:48] [info] [1553658227296] Downloading server file list...
[2019/03/27 11:48:01] [info] [1553658227296] Downloading server file list...
Completed
[2019/03/27 11:48:08] [info] [1553658227296] Reading backup source from hard
disk...
[2019/03/27 11:48:11] [info] [1553658227296] [New Directory]... /
[2019/03/27 11:48:11] [cbs] [1553658227296] new,/,260,260,1552974191000,,,D
[2019/03/27 11:48:12] [info] [1553658227296] Reading backup source from hard
disk... Completed
```

```

[2019/03/27 11:48:12] [info] [1553658227296] [New Directory]... /root
[2019/03/27 11:48:12] [cbs] [1553658227296]
new,/root,4096,4096,1553589172000,,,D
[2019/03/27 11:48:12] [info] [1553658227296] [New Directory]...
/root/Documents_2
[2019/03/27 11:48:12] [cbs] [1553658227296]
new,/root/Documents_2,4096,4096,1553650620000,,,D
[2019/03/27 11:48:12] [info] [1553658227296] [New Directory]... /usr
[2019/03/27 11:48:12] [cbs] [1553658227296]
new,/usr,155,155,1487122181000,,,D
[2019/03/27 11:48:12] [info] [1553658227296] [New Directory]... /usr/local
[2019/03/27 11:48:12] [cbs] [1553658227296]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/27 11:48:12] [info] [1553658227296] [New File]... 100% of
"/root/Documents_2/AhsayCBS_version7_UserGuide.docx"
[2019/03/27 11:48:12] [info] [1553658227296] [New File]... 100% of
"/root/Documents_2/AhsayACB_UserGuideforWindows_version7.docx"
[2019/03/27 11:48:12] [cbs] [1553658227296]
new,/root/Documents_2/AhsayCBS_version7_UserGuide.docx,12304,14902,153121465
0000,,,F
[2019/03/27 11:48:12] [cbs] [1553658227296]
new,/root/Documents_2/AhsayACB_UserGuideforWindows_version7.docx,12304,14902
,1531214650000,,,F
[2019/03/27 11:48:13] [info] [1553658227296] [New File]... 100% of
"/root/Documents_2/AhsayOBM_version7_QuickStartGuide.docx"
[2019/03/27 11:48:13] [cbs] [1553658227296]
new,/root/Documents_2/AhsayOBM_version7_QuickStartGuide.docx,12304,14902,153
1214650000,,,F
[2019/03/27 11:48:13] [info] [1553658227296] [New File]... 100% of
"/root/Documents_2/version7_AhsayMOB_UserGuideAndroid.docx"
[2019/03/27 11:48:13] [cbs] [1553658227296]
new,/root/Documents_2/version7_AhsayMOB_UserGuideAndroid.docx,12304,14902,15
31214650000,,,F
[2019/03/27 11:48:20] [info] [1553658227296] Total New Files = 4
[2019/03/27 11:48:20] [info] [1553658227296] Total New Directories = 5
[2019/03/27 11:48:20] [info] [1553658227296] Total New Links = 0
[2019/03/27 11:48:20] [info] [1553658227296] Total Updated Files = 0
[2019/03/27 11:48:20] [info] [1553658227296] Total Deleted Files = 0
[2019/03/27 11:48:20] [info] [1553658227296] Total Deleted Directories = 0
[2019/03/27 11:48:20] [info] [1553658227296] Total Deleted Links = 0
[2019/03/27 11:48:20] [info] [1553658227296] Total Moved Files = 0
[2019/03/27 11:48:26] [info] [1553658227296] Saving encrypted backup file
index to 1553658143843/blocks at destination AhsayCBS...
[2019/03/27 11:48:28] [info] [1553658227296] Saving encrypted backup file
index to 1553658143843/blocks/2019-03-27-11-47-18 at destination AhsayCBS...
[2019/03/27 11:48:29] [info] [-] Start running post-commands
[2019/03/27 11:48:29] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/27 11:48:29] [info] [-] Finished running post-commands
[2019/03/27 11:48:29] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/27 11:48:32] [info] [1553658227296] Deleting temporary file
/root/tmp/1553658143843/OBS@1553658227296
[2019/03/27 11:48:32] [info] [1553658227296] Backup Completed Successfully
[2019/03/27 11:48:32] [cbs] [1553658227296] end,BS_STOP_SUCCESS,0,0,0,,,

```


3. Filter that ends with a lowercase letter t.

<h3>Filter</h3> <p>Name</p> <input type="text" value="ter that ends with lowercase letter t RegularExpression"/> <hr/> <p>Matching pattern</p> <p>+ </p> <p><input type="checkbox"/> <input checked="" type="checkbox"/> Pattern </p> <p><input type="checkbox"/> .*t\$</p> <hr/> <p>For each of the matched files/folders under top directory</p> <p><input checked="" type="radio"/> Include them <input type="radio"/> Exclude them</p> <hr/> <p>Exclusion</p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> <hr/> <p>Match file/folder names by</p> <p><input type="radio"/> Simple comparison <input type="text" value="starts with"/> </p> <p><input checked="" type="radio"/> Regular expression (UNIX-style)</p> <hr/> <p>How to Apply This Filter</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</p> <p><input type="text" value="/root/Documents_2"/></p> <p>Apply to</p> <p><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</p>	<p>Filter Name = Filter that ends with lowercase letter t RegularExpression Matching Pattern = .*t\$ Filter Mode = Include Them Exclude all others = True Matching Type = Regular expression (UNIX-style) Apply To = File Directory = /root/Documents_2</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">1. BackupSolution.tx<u>t</u>2. LogFile.tx<u>t</u>3. LogFile_2017.tx<u>t</u>4. LogFile_2018.tx<u>t</u> <p>Total New Directories = 5</p> <ol style="list-style-type: none">1. /2. /root3. /root/Documents4. /usr5. /usr/local
--	--

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: true][Name: Filter that ends with lowercase letter t RegularExpression, Type: Custom, Top Directory: /root/Documents_2, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [.*\.*t\$]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
Bandwidth Control	[Enabled: No, Mode: Share, Bandwidth Control:]
Others	Remove temporary files after backup: Yes, Follow Link: Yes, Volume Shadow Copy: Yes, File Permissions: No, Compression Type: Fast (Compressed size larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	03/19/2019 13:43
2	new	/root	4k / 4k (0%)	03/26/2019 16:32
3	new	/root/Documents_2	4k / 4k (0%)	03/27/2019 09:37
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	142 / 142 (0%)	03/25/2019 13:18
6	new	/root/Documents_2/BackupSolution.txt	256 / 7k (96%)	12/17/2018 14:27
7	new	/root/Documents_2/LogFile.txt	256 / 7k (96%)	12/17/2018 14:27
8	new	/root/Documents_2/LogFile_2017.txt	256 / 7k (96%)	12/17/2018 14:27
9	new	/root/Documents_2/LogFile_2018.txt	256 / 7k (96%)	12/17/2018 14:27

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1553657466478/Backup
#cat 2019-03-27-11-56-23.log

[2019/03/27 11:56:41] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/27 11:56:41] [cbs] [1553657568919] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 11:57:16] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/27 11:57:16] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/27 11:58:29] [info] [1553657568919] Start Backup ... [In-File
Delta: Differential]
[2019/03/27 11:58:29] [info] [1553657568919] Using Temporary Directory
/root/tmp/1553657466478/OBS@1553657568919
[2019/03/27 11:58:29] [cbs] [1553657568919] info,Using Temporary Directory
/root/tmp/1553657466478/OBS@1553657568919,0,0,0,,,
[2019/03/27 11:58:58] [info] [-] Start running pre-commands
[2019/03/27 11:58:58] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/27 11:58:58] [info] [-] Finished running pre-commands
[2019/03/27 11:58:58] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/27 11:58:58] [info] [1553657568919] Downloading server file list...
[2019/03/27 11:59:09] [info] [1553657568919] Downloading server file list...
Completed
[2019/03/27 11:59:10] [info] [1553657568919] Reading backup source from hard
disk...
[2019/03/27 11:59:10] [info] [1553657568919] Reading backup source from hard
disk... Completed
[2019/03/27 11:59:11] [info] [1553657568919] [New Directory]... /
```

```

[2019/03/27 11:59:11] [cbs] [1553657568919] new,/,260,260,1552974191000,,,D
[2019/03/27 11:59:11] [info] [1553657568919] [New Directory]... /root
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/root,4096,4096,1553589172000,,,D
[2019/03/27 11:59:11] [info] [1553657568919] [New Directory]...
/root/Documents_2
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/root/Documents_2,4096,4096,1553650620000,,,D
[2019/03/27 11:59:11] [info] [1553657568919] [New Directory]... /usr
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/usr,155,155,1487122181000,,,D
[2019/03/27 11:59:11] [info] [1553657568919] [New Directory]... /usr/local
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/27 11:59:11] [info] [1553657568919] [New File]... 100% of
"/root/Documents_2/BackupSolution.txt"
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/root/Documents_2/BackupSolution.txt,256,7282,1545028063000,,,F
[2019/03/27 11:59:11] [info] [1553657568919] [New File]... 100% of
"/root/Documents_2/LogFile.txt"
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/root/Documents_2/LogFile.txt,256,7282,1545028063000,,,F
[2019/03/27 11:59:11] [info] [1553657568919] [New File]... 100% of
"/root/Documents_2/LogFile_2017.txt"
[2019/03/27 11:59:11] [info] [1553657568919] [New File]... 100% of
"/root/Documents_2/LogFile_2018.txt"
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/root/Documents_2/LogFile_2017.txt,256,7282,1545028063000,,,F
[2019/03/27 11:59:11] [cbs] [1553657568919]
new,/root/Documents_2/LogFile_2018.txt,256,7282,1545028063000,,,F
[2019/03/27 11:59:14] [info] [1553657568919] Total New Files = 4
[2019/03/27 11:59:14] [info] [1553657568919] Total New Directories = 5
[2019/03/27 11:59:14] [info] [1553657568919] Total New Links = 0
[2019/03/27 11:59:14] [info] [1553657568919] Total Updated Files = 0
[2019/03/27 11:59:14] [info] [1553657568919] Total Deleted Files = 0
[2019/03/27 11:59:14] [info] [1553657568919] Total Deleted Directories = 0
[2019/03/27 11:59:14] [info] [1553657568919] Total Deleted Links = 0
[2019/03/27 11:59:14] [info] [1553657568919] Total Moved Files = 0
[2019/03/27 11:59:15] [info] [1553657568919] Saving encrypted backup file
index to 1553657466478/blocks at destination AhsayCBS...
[2019/03/27 11:59:17] [info] [1553657568919] Saving encrypted backup file
index to 1553657466478/blocks/2019-03-27-11-56-23 at destination AhsayCBS...
[2019/03/27 11:59:20] [info] [-] Start running post-commands
[2019/03/27 11:59:20] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/27 11:59:20] [info] [-] Finished running post-commands
[2019/03/27 11:59:20] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/27 11:59:24] [info] [1553657568919] Deleting temporary file
/root/tmp/1553657466478/OBS@1553657568919
[2019/03/27 11:59:24] [info] [1553657568919] Backup Completed Successfully
[2019/03/27 11:59:24] [cbs] [1553657568919] 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 ends with ▼
 Regular expression (UNIX-style)

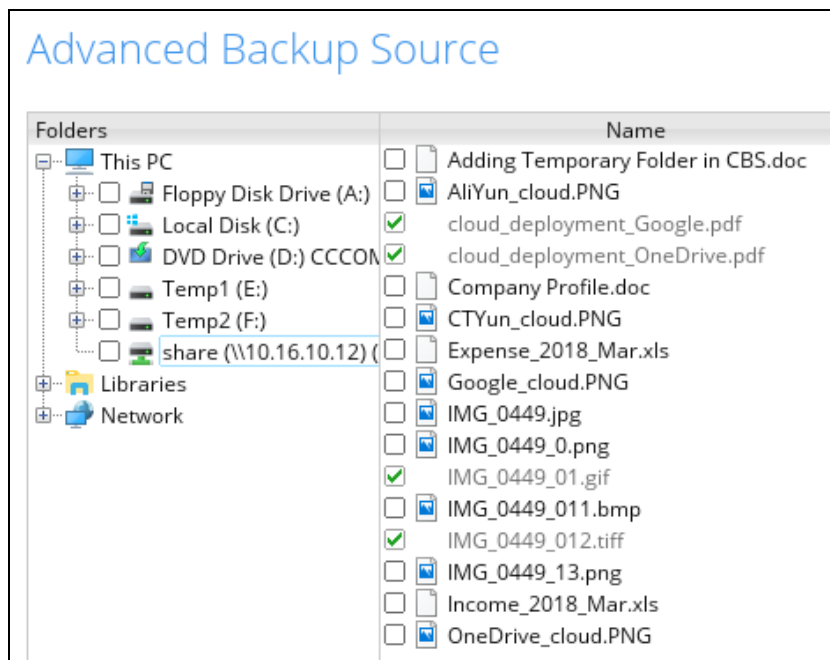
Existing patterns to match

✕

Apply this filter to all files/folders in

All hard disk drives
 This folder only

The result is:



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 tiff 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: true][Name: Filter-1, Type: ends with, Top Directory: \\10.16.10.12\share\, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to Files: Yes, Pattern: [F]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\IMG_0449_012.tiff	8.55M / 8.55M (0%)	03/26/2019 14:46
5	new	\\10.16.10.12\share\cloud_deployment_Google.pdf	103k / 103k (0%)	02/12/2019 15:26
6	new	\\10.16.10.12\share\cloud_deployment_OneDrive.pdf	103k / 103k (0%)	02/12/2019 15:26
7	new	\\10.16.10.12\share\IMG_0449_01.gif	5.18M / 5.18M (0%)	03/26/2019 14:45

Backup Log:

```
[2019/03/27 14:04:32] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 14:04:32] [cbs] [1553666629363] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 14:04:33] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 14:04:33] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 14:04:34] [info] [1553666629363] Start Backup ...
[In-File Delta: Full]
[2019/03/27 14:04:34] [info] [1553666629363] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553666345864\OBS@1553666629363
[2019/03/27 14:04:34] [cbs] [1553666629363] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553666345864\OBS@1553666629363,
0,0,0,,,
[2019/03/27 14:04:35] [info] [-] Start running pre-commands
[2019/03/27 14:04:35] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 14:04:35] [info] [-] Finished running pre-commands
[2019/03/27 14:04:35] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 14:04:35] [info] [1553666629363] Downloading server
file list...
[2019/03/27 14:04:35] [info] [1553666629363] Downloading server
file list... Completed
[2019/03/27 14:04:36] [info] [1553666629363] Reading backup
source from hard disk...
[2019/03/27 14:04:37] [info] [1553666629363] Reading backup
source from hard disk... Completed
[2019/03/27 14:04:37] [info] [1553666629363] [New Directory]...
\\
[2019/03/27 14:04:37] [cbs] [1553666629363] new,\\,0,0,0,,,D
[2019/03/27 14:04:37] [info] [1553666629363] [New Directory]...
\\10.16.10.12
[2019/03/27 14:04:37] [cbs] [1553666629363]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 14:04:37] [info] [1553666629363] [New Directory]...
\\10.16.10.12\share
[2019/03/27 14:04:37] [cbs] [1553666629363]
new,\\10.16.10.12\share,0,0,0,,,D
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
```

[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 90% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:37] [info] [1553666629363] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 91% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:04:38] [cbs] [1553666629363]
new,\\10.16.10.12\share\IMG_0449_012.tiff,8961472,8961456,1553582
798341,,,F
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 84% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 100%
of "\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:04:38] [cbs] [1553666629363]
new,\\10.16.10.12\share\cloud_deployment_Google.pdf,106400,106398
,1549956371235,,,F
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"

```
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 84% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:04:38] [info] [1553666629363] [New File]... 100%
of "\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:04:38] [cbs] [1553666629363]
new,\\10.16.10.12\share\cloud_deployment_OneDrive.pdf,106400,1063
98,1549956371235,,,F
[2019/03/27 14:04:38] [cbs] [1553666629363]
new,\\10.16.10.12\share\IMG_0449_01.gif,5432832,5432822,155358270
0496,,,F
[2019/03/27 14:04:43] [info] [1553666629363] Total New Files = 4
[2019/03/27 14:04:43] [info] [1553666629363] Total New
Directories = 3
[2019/03/27 14:04:43] [info] [1553666629363] Total New Links = 0
[2019/03/27 14:04:43] [info] [1553666629363] Total Updated Files
= 0
[2019/03/27 14:04:43] [info] [1553666629363] Total Attributes
Changed Files = 0
[2019/03/27 14:04:43] [info] [1553666629363] Total Deleted Files
= 0
[2019/03/27 14:04:43] [info] [1553666629363] Total Deleted
Directories = 0
[2019/03/27 14:04:43] [info] [1553666629363] Total Deleted Links
= 0
[2019/03/27 14:04:43] [info] [1553666629363] Total Moved Files =
0
[2019/03/27 14:04:44] [info] [1553666629363] Saving encrypted
backup file index to 1553666345864/blocks at destination
AhsayCBS...
[2019/03/27 14:04:44] [info] [1553666629363] Saving encrypted
backup file index to 1553666345864/blocks/2019-03-27-14-04-32 at
destination AhsayCBS...
[2019/03/27 14:04:45] [info] [-] Start running post-commands
[2019/03/27 14:04:45] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 14:04:45] [info] [-] Finished running post-commands
[2019/03/27 14:04:45] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 14:04:45] [info] [1553666629363] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553666345864\OBS@1553666629363
[2019/03/27 14:04:45] [info] [1553666629363] Backup Completed
Successfully
[2019/03/27 14:04:45] [cbs] [1553666629363]
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

X

Apply this filter to all files/folders in

All hard disk drives
 This folder only

The result is:

Advanced Backup Source

Folders	Name
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> This PC <input type="checkbox"/> Floppy Disk Drive (A:) <input type="checkbox"/> Local Disk (C:) <input type="checkbox"/> DVD Drive (D:) CCCOM <input type="checkbox"/> Temp1 (E:) <input type="checkbox"/> Temp2 (F:) <input type="checkbox"/> share (\\10.16.10.12... 	<ul style="list-style-type: none"> <input type="checkbox"/> Adding Temporary Folder in CBS.doc <input type="checkbox"/> AliYun_cloud.PNG <input checked="" type="checkbox"/> cloud_deployment_Google.pdf <input checked="" type="checkbox"/> cloud_deployment_OneDrive.pdf <input type="checkbox"/> Company Profile.doc <input type="checkbox"/> CTYun_cloud.PNG <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.tiff <input type="checkbox"/> IMG_0449_13.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	
Filter	[Enabled: true][Name: Filter-1, Type: ends with, Top Directory: \\10.16.10.12\share\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [f]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\IMG_0449_01.gif	5.18M / 5.18M (0%)	03/26/2019 14:45
5	new	\\10.16.10.12\share\cloud_deployment_Google.pdf	103k / 103k (0%)	02/12/2019 15:26
6	new	\\10.16.10.12\share\cloud_deployment_OneDrive.pdf	103k / 103k (0%)	02/12/2019 15:26
7	new	\\10.16.10.12\share\IMG_0449_012.tiff	8.55M / 8.55M (0%)	03/26/2019 14:46

Backup Log:

```
[2019/03/27 14:29:52] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 14:29:52] [cbs] [1553668171330] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 14:29:52] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 14:29:52] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 14:29:54] [info] [1553668171330] Start Backup ...
[In-File Delta: Full]
[2019/03/27 14:29:54] [info] [1553668171330] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553667129301\OBS@1553668171330
[2019/03/27 14:29:54] [cbs] [1553668171330] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553667129301\OBS@1553668171330,
0,0,0,,,
[2019/03/27 14:29:54] [info] [-] Start running pre-commands
[2019/03/27 14:29:54] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 14:29:54] [info] [-] Finished running pre-commands
[2019/03/27 14:29:54] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 14:29:54] [info] [1553668171330] Downloading server
file list...
[2019/03/27 14:29:55] [info] [1553668171330] Downloading server
file list... Completed
[2019/03/27 14:29:56] [info] [1553668171330] Reading backup
source from hard disk...
[2019/03/27 14:29:57] [info] [1553668171330] Reading backup
source from hard disk... Completed
[2019/03/27 14:29:57] [info] [1553668171330] [New Directory]...
\\
[2019/03/27 14:29:57] [cbs] [1553668171330] new,\\,0,0,0,,,D
[2019/03/27 14:29:57] [info] [1553668171330] [New Directory]...
\\10.16.10.12
[2019/03/27 14:29:57] [cbs] [1553668171330]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 14:29:57] [info] [1553668171330] [New Directory]...
\\10.16.10.12\share
[2019/03/27 14:29:57] [cbs] [1553668171330]
new,\\10.16.10.12\share,0,0,0,,,D
[2019/03/27 14:29:57] [info] [1553668171330] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_01.gif"
```

[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:58] [info] [1553668171330] [New File]... 91% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:59] [info] [1553668171330] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 14:29:59] [cbs] [1553668171330]
new,\\10.16.10.12\share\IMG_0449_01.gif,5432832,5432822,155358270
0496,,,F
[2019/03/27 14:29:59] [info] [1553668171330] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:29:59] [info] [1553668171330] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:00] [info] [1553668171330] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:00] [info] [1553668171330] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:00] [info] [1553668171330] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:01] [info] [1553668171330] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:01] [info] [1553668171330] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:01] [info] [1553668171330] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:01] [info] [1553668171330] [New File]... 90% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 84% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 100%
of "\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 14:30:02] [cbs] [1553668171330]
new,\\10.16.10.12\share\cloud_deployment_Google.pdf,106400,106398
,1549956371235,,,F
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"

```

[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 84% of
"\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:30:02] [info] [1553668171330] [New File]... 100%
of "\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 14:30:02] [cbs] [1553668171330]
new,\10.16.10.12\share\cloud_deployment_OneDrive.pdf,106400,1063
98,1549956371235,,,F
[2019/03/27 14:30:02] [cbs] [1553668171330]
new,\10.16.10.12\share\IMG_0449_012.tiff,8961472,8961456,1553582
798341,,,F
[2019/03/27 14:30:10] [info] [1553668171330] Total New Files = 4
[2019/03/27 14:30:10] [info] [1553668171330] Total New
Directories = 3
[2019/03/27 14:30:10] [info] [1553668171330] Total New Links = 0
[2019/03/27 14:30:10] [info] [1553668171330] Total Updated Files
= 0
[2019/03/27 14:30:10] [info] [1553668171330] Total Attributes
Changed Files = 0
[2019/03/27 14:30:10] [info] [1553668171330] Total Deleted Files
= 0
[2019/03/27 14:30:10] [info] [1553668171330] Total Deleted
Directories = 0
[2019/03/27 14:30:10] [info] [1553668171330] Total Deleted Links
= 0
[2019/03/27 14:30:10] [info] [1553668171330] Total Moved Files =
0
[2019/03/27 14:30:11] [info] [1553668171330] Saving encrypted
backup file index to 1553667129301/blocks at destination
AhsayCBS...
[2019/03/27 14:30:11] [info] [1553668171330] Saving encrypted
backup file index to 1553667129301/blocks/2019-03-27-14-29-52 at
destination AhsayCBS...
[2019/03/27 14:30:12] [info] [-] Start running post-commands
[2019/03/27 14:30:12] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 14:30:12] [info] [-] Finished running post-commands
[2019/03/27 14:30:12] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 14:30:12] [info] [1553668171330] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553667129301\OBS@1553668171330
[2019/03/27 14:30:12] [info] [1553668171330] Backup Completed
Successfully
[2019/03/27 14:30:12] [cbs] [1553668171330]
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 ends with ▼

Regular expression (UNIX-style)

Existing patterns to match

f

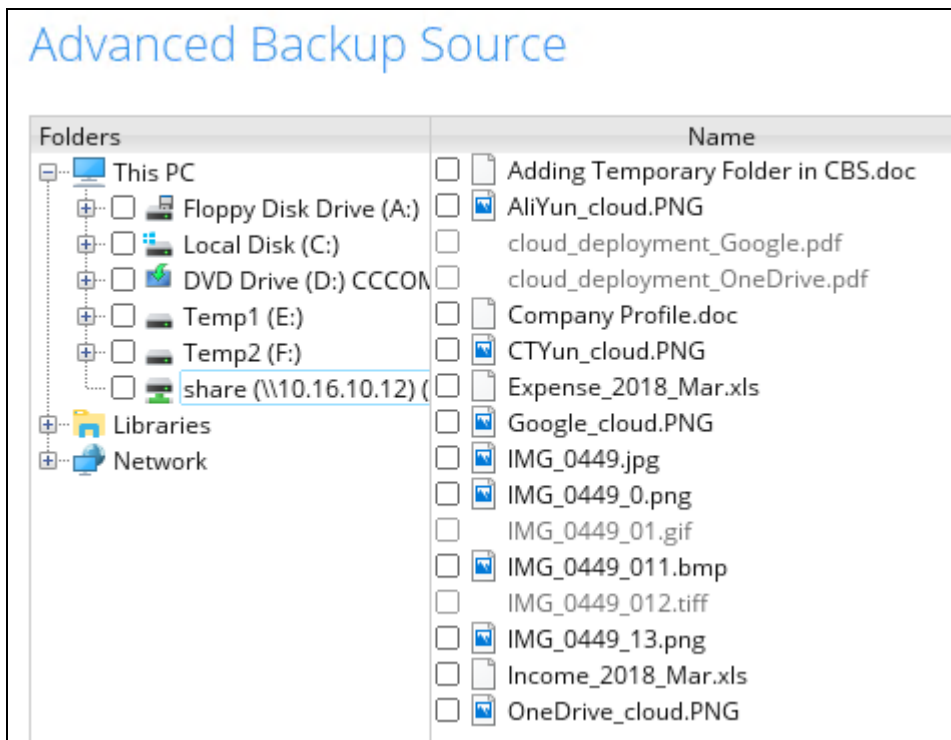
Apply this filter to all files/folders in

All hard disk drives

This folder only

\\10.16.10.12\share\

The result is:



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: true][Name: Filter-1, Type: ends with, Top Directory: \\10.16.10.12\share\, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [*]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified

Backup Log:

```
[2019/03/27 14:43:33] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 14:43:33] [cbs] [1553668991596] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 14:43:33] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 14:43:33] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 14:43:35] [info] [1553668991596] Start Backup ...
[In-File Delta: Full]
[2019/03/27 14:43:35] [info] [1553668991596] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553668845049\OBS@1553668991596
[2019/03/27 14:43:35] [cbs] [1553668991596] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553668845049\OBS@1553668991596,
0,0,0,,,
[2019/03/27 14:43:35] [info] [-] Start running pre-commands
[2019/03/27 14:43:35] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 14:43:35] [info] [-] Finished running pre-commands
[2019/03/27 14:43:35] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 14:43:35] [info] [1553668991596] Downloading server
file list...
[2019/03/27 14:43:36] [info] [1553668991596] Downloading server
file list... Completed
[2019/03/27 14:43:37] [info] [1553668991596] Reading backup
source from hard disk...
[2019/03/27 14:43:37] [info] [1553668991596] Reading backup
source from hard disk... Completed
[2019/03/27 14:43:38] [info] [1553668991596] Total New Files = 0
[2019/03/27 14:43:38] [info] [1553668991596] Total New
Directories = 0
[2019/03/27 14:43:38] [info] [1553668991596] Total New Links = 0
[2019/03/27 14:43:38] [info] [1553668991596] Total Updated Files
= 0
[2019/03/27 14:43:38] [info] [1553668991596] Total Attributes
Changed Files = 0
[2019/03/27 14:43:38] [info] [1553668991596] Total Deleted Files
= 0
[2019/03/27 14:43:38] [info] [1553668991596] Total Deleted
Directories = 0
[2019/03/27 14:43:38] [info] [1553668991596] Total Deleted Links
= 0
```

```
[2019/03/27 14:43:38] [info] [1553668991596] Total Moved Files =
0
[2019/03/27 14:43:39] [info] [1553668991596] Saving encrypted
backup file index to 1553668845049/blocks at destination
AhsayCBS...
[2019/03/27 14:43:39] [info] [1553668991596] Saving encrypted
backup file index to 1553668845049/blocks/2019-03-27-14-43-33 at
destination AhsayCBS...
[2019/03/27 14:43:40] [info] [-] Start running post-commands
[2019/03/27 14:43:40] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 14:43:40] [info] [-] Finished running post-commands
[2019/03/27 14:43:40] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 14:43:40] [info] [1553668991596] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553668845049\OBS@1553668991596
[2019/03/27 14:43:40] [info] [1553668991596] Backup Completed
Successfully
[2019/03/27 14:43:40] [cbs] [1553668991596]
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
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> <input type="checkbox"/> Floppy Disk Drive (A:) <input type="checkbox"/> Local Disk (C:) <input type="checkbox"/> DVD Drive (D:) CCCOM <input type="checkbox"/> Temp1 (E:) <input type="checkbox"/> Temp2 (F:) <input type="checkbox"/> share (\\10.16.10.12... [-] Libraries [-] Network 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Adding Temporary Folder in CBS.doc <input checked="" type="checkbox"/> AliYun_cloud.PNG <input type="checkbox"/> cloud_deployment_Google.pdf <input type="checkbox"/> cloud_deployment_OneDrive.pdf <input checked="" type="checkbox"/> Company Profile.doc <input checked="" type="checkbox"/> CTYun_cloud.PNG <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.tiff <input checked="" type="checkbox"/> IMG_0449_13.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: true][Name: Filter-1, Type: ends with, Top Directory: \\10.16.10.12\share\, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [F]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [L, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\Adding Temporary Folder in CBS.doc	70k / 70k (0%)	07/19/2018 16:05
5	new	\\10.16.10.12\share\AliYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
6	new	\\10.16.10.12\share\CTYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
7	new	\\10.16.10.12\share\Company_Profile.doc	70k / 70k (0%)	07/19/2018 16:05
8	new	\\10.16.10.12\share\Expense_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
9	new	\\10.16.10.12\share\Google_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
10	new	\\10.16.10.12\share\IMG_0449.jpg	18k / 18k (0%)	03/26/2019 14:51
11	new	\\10.16.10.12\share\IMG_0449_0.png	13k / 12k (0%)	07/04/2018 14:55
12	new	\\10.16.10.12\share\IMG_0449_13.png	13k / 12k (0%)	07/04/2018 14:55
13	new	\\10.16.10.12\share\Income_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
14	new	\\10.16.10.12\share\OneDrive_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
15	new	\\10.16.10.12\share\IMG_0449_011.bmp	36.56M / 36.56M (0%)	03/26/2019 14:45
16	new	[C] \\10.16.10.12\share\IMG_0449_011.bmp	254k / 329k (22%)	03/27/2019 14:47

Backup Log:

```
[2019/03/27 14:47:37] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 14:47:37] [cbs] [1553669237887] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 14:47:37] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 14:47:37] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 14:47:39] [info] [1553669237887] Start Backup ...
[In-File Delta: Full]
[2019/03/27 14:47:39] [info] [1553669237887] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553669121669\OBS@1553669237887
[2019/03/27 14:47:39] [cbs] [1553669237887] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553669121669\OBS@1553669237887,
0,0,0,,,
[2019/03/27 14:47:39] [info] [-] Start running pre-commands
[2019/03/27 14:47:39] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 14:47:39] [info] [-] Finished running pre-commands
[2019/03/27 14:47:39] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 14:47:39] [info] [1553669237887] Downloading server
file list...
[2019/03/27 14:47:39] [info] [1553669237887] Downloading server
file list... Completed
[2019/03/27 14:47:40] [info] [1553669237887] Reading backup
source from hard disk...
[2019/03/27 14:47:41] [info] [1553669237887] [New Directory]...
\\
[2019/03/27 14:47:41] [cbs] [1553669237887] new,\\,0,0,0,,,D
[2019/03/27 14:47:41] [info] [1553669237887] [New Directory]...
\\10.16.10.12
[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12,0,0,0,,,D
```



```

[2019/03/27 14:47:41] [info] [1553669237887] [New Directory]...
\\10.16.10.12\share
[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12\share,0,0,0,,,D
[2019/03/27 14:47:41] [info] [1553669237887] Reading backup
source from hard disk... Completed
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 22% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 34% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 45% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 57% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 68% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 80% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 91% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 41% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12\share\Adding Temporary Folder in
CBS.doc,71696,71680,1531987501233,,,F
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 62% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 83% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12\share\AliYun_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 41% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 62% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 83% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 22% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12\share\CTYun_cloud.PNG,39072,39056,1543809122431
,,,F
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 34% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 45% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 57% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 68% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 80% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 91% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\Company Profile.doc"

```

[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12\share\Company
Profile.doc,71696,71680,1531987501233,,,F
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 64% of
"\\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 96% of
"\\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12\share\Expense_2018_Mar.xls,25616,25600,15336889
40465,,,F
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 41% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 62% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 83% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 14:47:41] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 14:47:41] [cbs] [1553669237887]
new,\\10.16.10.12\share\Google_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 85% of
"\\10.16.10.12\share\IMG_0449.jpg"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449.jpg"
[2019/03/27 14:47:42] [cbs] [1553669237887]
new,\\10.16.10.12\share\IMG_0449.jpg,19168,19158,1553583082684,,,
F
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_0.png"
[2019/03/27 14:47:42] [cbs] [1553669237887]
new,\\10.16.10.12\share\IMG_0449_0.png,13312,13304,1530687339865,
,,F
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_13.png"
[2019/03/27 14:47:42] [cbs] [1553669237887]
new,\\10.16.10.12\share\IMG_0449_13.png,13312,13304,1530687339865
,,,F
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 64% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 96% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 14:47:42] [cbs] [1553669237887]
new,\\10.16.10.12\share\Income_2018_Mar.xls,25616,25600,153368894
0465,,,F
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 41% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 62% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 83% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 14:47:42] [cbs] [1553669237887]
new,\\10.16.10.12\share\OneDrive_cloud.PNG,39072,39056,1543809122
431,,,F
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_011.bmp"

```

[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:42] [info] [1553669237887] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:43] [info] [1553669237887] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:43] [info] [1553669237887] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:43] [info] [1553669237887] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:43] [info] [1553669237887] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:44] [info] [1553669237887] [New File]... 90% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:44] [info] [1553669237887] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:52] [cbs] [1553669237887]
new,\\10.16.10.12\share\IMG_0449_011.bmp,38340928,38340918,155358
2754786,,,F
[2019/03/27 14:47:52] [info] [1553669237887] [Checksum File]...
58% of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:52] [info] [1553669237887] [Checksum File]...
77% of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:52] [info] [1553669237887] [Checksum File]...
100% of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 14:47:52] [cbs] [1553669237887] new,[C]
\\10.16.10.12\share\IMG_0449_011.bmp,261045,337028,1553669272054,
,,C
[2019/03/27 14:47:52] [info] [1553669237887] Total New Files = 12
[2019/03/27 14:47:52] [info] [1553669237887] Total New
Directories = 3
[2019/03/27 14:47:52] [info] [1553669237887] Total New Links = 0
[2019/03/27 14:47:52] [info] [1553669237887] Total Updated Files
= 0
[2019/03/27 14:47:52] [info] [1553669237887] Total Attributes
Changed Files = 0
[2019/03/27 14:47:52] [info] [1553669237887] Total Deleted Files
= 0
[2019/03/27 14:47:52] [info] [1553669237887] Total Deleted
Directories = 0
[2019/03/27 14:47:52] [info] [1553669237887] Total Deleted Links
= 0
[2019/03/27 14:47:52] [info] [1553669237887] Total Moved Files =
0
[2019/03/27 14:47:54] [info] [1553669237887] Saving encrypted
backup file index to 1553669121669/blocks at destination
AhsayCBS...
[2019/03/27 14:47:54] [info] [1553669237887] Saving encrypted
backup file index to 1553669121669/blocks/2019-03-27-14-47-37 at
destination AhsayCBS...
[2019/03/27 14:47:55] [info] [-] Start running post-commands
[2019/03/27 14:47:55] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 14:47:55] [info] [-] Finished running post-commands
[2019/03/27 14:47:55] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 14:47:55] [info] [1553669237887] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553669121669\OBS@1553669237887
[2019/03/27 14:47:55] [info] [1553669237887] Backup Completed
Successfully
[2019/03/27 14:47:55] [cbs] [1553669237887]
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

The result is:

Advanced Backup Source

Folders	Name
<input type="checkbox"/> This PC	<input type="checkbox"/> Adding Temporary Folder in CBS.doc
<input type="checkbox"/> Floppy Disk Drive (A:)	<input type="checkbox"/> AliYun_cloud.PNG
<input type="checkbox"/> Local Disk (C:)	<input type="checkbox"/> cloud_deployment_Google.pdf
<input type="checkbox"/> DVD Drive (D:) CCCOM	<input type="checkbox"/> cloud_deployment_OneDrive.pdf
<input type="checkbox"/> Temp1 (E:)	<input type="checkbox"/> Company Profile.doc
<input type="checkbox"/> Temp2 (F:)	<input type="checkbox"/> CTYun_cloud.PNG
<input type="checkbox"/> share (\\10.16.10.12...)	<input type="checkbox"/> Expense_2018_Mar.xls
<input type="checkbox"/> Libraries	<input type="checkbox"/> Google_cloud.PNG
<input type="checkbox"/> Network	<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.tiff
	<input checked="" type="checkbox"/> IMG_0449_13.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	
Filter	[Enabled: true][Name: Filter-1. Type: starts with, Top Directory: \\10.16.10.12\share\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to No, Apply to files: Yes, Pattern: []]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: . Off-line Backup Reminder: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\IMG_0449.jpg	18k / 18k (0%)	03/26/2019 14:51
5	new	\\10.16.10.12\share\IMG_0449_0.png	13k / 12k (0%)	07/04/2018 14:55
6	new	\\10.16.10.12\share\IMG_0449_01.gif	5.18M / 5.18M (0%)	03/26/2019 14:45
7	new	\\10.16.10.12\share\IMG_0449_012.tiff	8.55M / 8.55M (0%)	03/26/2019 14:46
8	new	\\10.16.10.12\share\IMG_0449_13.png	13k / 12k (0%)	07/04/2018 14:55
9	new	\\10.16.10.12\share\Income_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
10	new	\\10.16.10.12\share\IMG_0449_011.bmp	36.56M / 36.56M (0%)	03/26/2019 14:45
11	new	[C] \\10.16.10.12\share\IMG_0449_011.bmp	254k / 329k (22%)	03/27/2019 15:06

Backup Log:

```
[2019/03/27 15:06:26] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 15:06:26] [cbs] [1553670338219] start,"Start [ Windows 10
(w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 15:06:26] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 15:06:26] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 15:06:27] [info] [1553670338219] Start Backup ... [In-
File Delta: Full]
[2019/03/27 15:06:27] [info] [1553670338219] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553669524830\OBS@1553670338219
[2019/03/27 15:06:27] [cbs] [1553670338219] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553669524830\OBS@1553670338219,0,0,
0,,,
[2019/03/27 15:06:28] [info] [-] Start running pre-commands
[2019/03/27 15:06:28] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 15:06:28] [info] [-] Finished running pre-commands
[2019/03/27 15:06:28] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 15:06:28] [info] [1553670338219] Downloading server file
list...
[2019/03/27 15:06:28] [info] [1553670338219] Downloading server file
list... Completed
[2019/03/27 15:06:29] [info] [1553670338219] Reading backup source
from hard disk...
[2019/03/27 15:06:31] [info] [1553670338219] Reading backup source
from hard disk... Completed
[2019/03/27 15:06:31] [info] [1553670338219] [New Directory]... \\
[2019/03/27 15:06:31] [cbs] [1553670338219] new,\\,0,0,0,,,D
[2019/03/27 15:06:31] [info] [1553670338219] [New Directory]...
\\10.16.10.12
[2019/03/27 15:06:31] [cbs] [1553670338219]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 15:06:31] [info] [1553670338219] [New Directory]...
\\10.16.10.12\share
[2019/03/27 15:06:31] [cbs] [1553670338219]
new,\\10.16.10.12\share,0,0,0,,,D
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 85% of
"\\10.16.10.12\share\IMG_0449.jpg"
```

[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449.jpg"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_0.png"
[2019/03/27 15:06:31] [cbs] [1553670338219]
new,\\10.16.10.12\share\IMG_0449.jpg,19168,19158,1553583082684,,,F
[2019/03/27 15:06:31] [cbs] [1553670338219]
new,\\10.16.10.12\share\IMG_0449_0.png,13312,13304,1530687339865,,,F
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 91% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:31] [info] [1553670338219] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:32] [cbs] [1553670338219]
new,\\10.16.10.12\share\IMG_0449_01.gif,5432832,5432822,1553582700496
,,,F
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:32] [info] [1553670338219] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 90% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_011.bmp"

```

[2019/03/27 15:06:33] [cbs] [1553670338219]
new,\\10.16.10.12\share\IMG_0449_012.tiff,8961472,8961456,15535827983
41,,,F
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_13.png"
[2019/03/27 15:06:33] [cbs] [1553670338219]
new,\\10.16.10.12\share\IMG_0449_13.png,13312,13304,1530687339865,,,F
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 64% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 96% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 100% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 15:06:33] [cbs] [1553670338219]
new,\\10.16.10.12\share\Income_2018_Mar.xls,25616,25600,1533688940465
,,,F
[2019/03/27 15:06:33] [info] [1553670338219] [New File]... 90% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:34] [info] [1553670338219] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:51] [cbs] [1553670338219]
new,\\10.16.10.12\share\IMG_0449_011.bmp,38340928,38340918,1553582754
786,,,F
[2019/03/27 15:06:52] [info] [1553670338219] [Checksum File]... 58%
of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:52] [info] [1553670338219] [Checksum File]... 77%
of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:52] [info] [1553670338219] [Checksum File]... 100%
of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:06:53] [cbs] [1553670338219] new, [C]
\\10.16.10.12\share\IMG_0449_011.bmp,261045,337028,1553670411961,,,C
[2019/03/27 15:07:06] [info] [1553670338219] Total New Files = 7
[2019/03/27 15:07:06] [info] [1553670338219] Total New Directories =
3
[2019/03/27 15:07:06] [info] [1553670338219] Total New Links = 0
[2019/03/27 15:07:06] [info] [1553670338219] Total Updated Files = 0
[2019/03/27 15:07:06] [info] [1553670338219] Total Attributes Changed
Files = 0
[2019/03/27 15:07:06] [info] [1553670338219] Total Deleted Files = 0
[2019/03/27 15:07:06] [info] [1553670338219] Total Deleted
Directories = 0
[2019/03/27 15:07:06] [info] [1553670338219] Total Deleted Links = 0
[2019/03/27 15:07:06] [info] [1553670338219] Total Moved Files = 0
[2019/03/27 15:07:07] [info] [1553670338219] Saving encrypted backup
file index to 1553669524830/blocks at destination AhsayCBS...
[2019/03/27 15:07:07] [info] [1553670338219] Saving encrypted backup
file index to 1553669524830/blocks/2019-03-27-15-06-26 at destination
AhsayCBS...
[2019/03/27 15:07:09] [info] [-] Start running post-commands
[2019/03/27 15:07:09] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 15:07:09] [info] [-] Finished running post-commands
[2019/03/27 15:07:09] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 15:07:09] [info] [1553670338219] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553669524830\OBS@1553670338219
[2019/03/27 15:07:09] [info] [1553670338219] Backup Completed
Successfully
[2019/03/27 15:07:09] [cbs] [1553670338219]
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

Add

Apply this filter to all files/folders in

All hard disk drives
 This folder only

\\10.16.10.12\share\ Change

The result is:

Advanced Backup Source

Folders	Name
[-] This PC	<input type="checkbox"/> Adding Temporary Folder in CBS.doc
[-] Floppy Disk Drive (A:)	<input type="checkbox"/> AliYun_cloud.PNG
[-] Local Disk (C:)	<input type="checkbox"/> cloud_deployment_Google.pdf
[-] DVD Drive (D:) CCCOM	<input type="checkbox"/> cloud_deployment_OneDrive.pdf
[-] Temp1 (E:)	<input type="checkbox"/> Company Profile.doc
[-] Temp2 (F:)	<input type="checkbox"/> CTYun_cloud.PNG
[-] share (\\10.16.10.12) (<input type="checkbox"/> Expense_2018_Mar.xls
[-] Libraries	<input type="checkbox"/> Google_cloud.PNG
[-] Network	<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.tiff
	<input checked="" type="checkbox"/> IMG_0449_13.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 does not match the criteria so they are not greyed out.

Backup Report:

Backup Set Settings	
Field	Value
Backup Source	
Filter	[Enabled: true][Name: Filter-1, Type starts with, Top Directory: \\10.16.10.12\share\, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: []]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminders: . Off-line Backup Reminders: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\IMG_0449_0.png	13k / 12k (0%)	07/04/2018 14:55
5	new	\\10.16.10.12\share\IMG_0449.jpg	18k / 18k (0%)	03/26/2019 14:51
6	new	\\10.16.10.12\share\IMG_0449_01.gif	5.18M / 5.18M (0%)	03/26/2019 14:45
7	new	\\10.16.10.12\share\IMG_0449_012.tiff	8.55M / 8.55M (0%)	03/26/2019 14:46
8	new	\\10.16.10.12\share\IMG_0449_13.png	13k / 12k (0%)	07/04/2018 14:55
9	new	\\10.16.10.12\share\Income_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
10	new	\\10.16.10.12\share\IMG_0449_011.bmp	36.56M / 36.56M (0%)	03/26/2019 14:45
11	new	[C] \\10.16.10.12\share\IMG_0449_011.bmp	254k / 329k (22%)	03/27/2019 15:17

Backup Log:

```
[2019/03/27 15:16:52] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 15:16:52] [cbs] [1553670991017] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 15:16:53] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 15:16:53] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 15:16:54] [info] [1553670991017] Start Backup ...
[In-File Delta: Full]
[2019/03/27 15:16:54] [info] [1553670991017] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553670859954\OBS@1553670991017
[2019/03/27 15:16:54] [cbs] [1553670991017] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553670859954\OBS@1553670991017,
0,0,0,,,
[2019/03/27 15:16:55] [info] [-] Start running pre-commands
[2019/03/27 15:16:55] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 15:16:55] [info] [-] Finished running pre-commands
[2019/03/27 15:16:55] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 15:16:55] [info] [1553670991017] Downloading server
file list...
[2019/03/27 15:16:55] [info] [1553670991017] Downloading server
file list... Completed
[2019/03/27 15:16:56] [info] [1553670991017] Reading backup
source from hard disk...
[2019/03/27 15:16:57] [info] [1553670991017] Reading backup
source from hard disk... Completed
[2019/03/27 15:16:58] [info] [1553670991017] [New Directory]...
\\
[2019/03/27 15:16:58] [cbs] [1553670991017] new,\\,0,0,0,,,D
[2019/03/27 15:16:58] [info] [1553670991017] [New Directory]...
\\10.16.10.12
[2019/03/27 15:16:58] [cbs] [1553670991017]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 15:16:58] [info] [1553670991017] [New Directory]...
\\10.16.10.12\share
```

```
[2019/03/27 15:16:58] [cbs] [1553670991017]
new,\\10.16.10.12\share,0,0,0,,,D
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_0.png"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 85% of
"\\10.16.10.12\share\IMG_0449.jpg"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449.jpg"
[2019/03/27 15:16:58] [cbs] [1553670991017]
new,\\10.16.10.12\share\IMG_0449_0.png,13312,13304,1530687339865,
,,F
[2019/03/27 15:16:58] [cbs] [1553670991017]
new,\\10.16.10.12\share\IMG_0449.jpg,19168,19158,1553583082684,,,
F
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 91% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:58] [info] [1553670991017] [New File]... 100%
of "\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:16:59] [cbs] [1553670991017]
new,\\10.16.10.12\share\IMG_0449_01.gif,5432832,5432822,155358270
0496,,,F
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:16:59] [info] [1553670991017] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
```

```

[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 90% of
"\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 100%
of "\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 60% of
"\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 70% of
"\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:00] [cbs] [1553670991017]
new,\10.16.10.12\share\IMG_0449_012.tiff,8961472,8961456,1553582
798341,,,F
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 100%
of "\10.16.10.12\share\IMG_0449_13.png"
[2019/03/27 15:17:00] [cbs] [1553670991017]
new,\10.16.10.12\share\IMG_0449_13.png,13312,13304,1530687339865
,,,F
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 64% of
"\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 96% of
"\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 15:17:00] [info] [1553670991017] [New File]... 100%
of "\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 15:17:00] [cbs] [1553670991017]
new,\10.16.10.12\share\Income_2018_Mar.xls,25616,25600,153368894
0465,,,F
[2019/03/27 15:17:01] [info] [1553670991017] [New File]... 80% of
"\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:01] [info] [1553670991017] [New File]... 90% of
"\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:02] [info] [1553670991017] [New File]... 100%
of "\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:12] [cbs] [1553670991017]
new,\10.16.10.12\share\IMG_0449_011.bmp,38340928,38340918,155358
2754786,,,F
[2019/03/27 15:17:12] [info] [1553670991017] [Checksum File]...
58% of "\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:12] [info] [1553670991017] [Checksum File]...
77% of "\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:12] [info] [1553670991017] [Checksum File]...
100% of "\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 15:17:12] [cbs] [1553670991017] new,[C]
\10.16.10.12\share\IMG_0449_011.bmp,261045,337028,1553671032432,
,,C
[2019/03/27 15:17:17] [info] [1553670991017] Total New Files = 7
[2019/03/27 15:17:17] [info] [1553670991017] Total New
Directories = 3
[2019/03/27 15:17:17] [info] [1553670991017] Total New Links = 0
[2019/03/27 15:17:17] [info] [1553670991017] Total Updated Files
= 0
[2019/03/27 15:17:17] [info] [1553670991017] Total Attributes
Changed Files = 0
[2019/03/27 15:17:17] [info] [1553670991017] Total Deleted Files
= 0
[2019/03/27 15:17:17] [info] [1553670991017] Total Deleted
Directories = 0
[2019/03/27 15:17:17] [info] [1553670991017] Total Deleted Links
= 0
[2019/03/27 15:17:17] [info] [1553670991017] Total Moved Files =
0
[2019/03/27 15:17:18] [info] [1553670991017] Saving encrypted
backup file index to 1553670859954/blocks at destination
AhsayCBS...

```

```
[2019/03/27 15:17:18] [info] [1553670991017] Saving encrypted
backup file index to 1553670859954/blocks/2019-03-27-15-16-52 at
destination AhsayCBS...
[2019/03/27 15:17:19] [info] [-] Start running post-commands
[2019/03/27 15:17:19] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 15:17:19] [info] [-] Finished running post-commands
[2019/03/27 15:17:19] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 15:17:19] [info] [1553670991017] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553670859954\OBS@1553670991017
[2019/03/27 15:17:19] [info] [1553670991017] Backup Completed
Successfully
[2019/03/27 15:17:19] [cbs] [1553670991017]
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 starts with ▼

Regular expression (UNIX-style)

Existing patterns to match

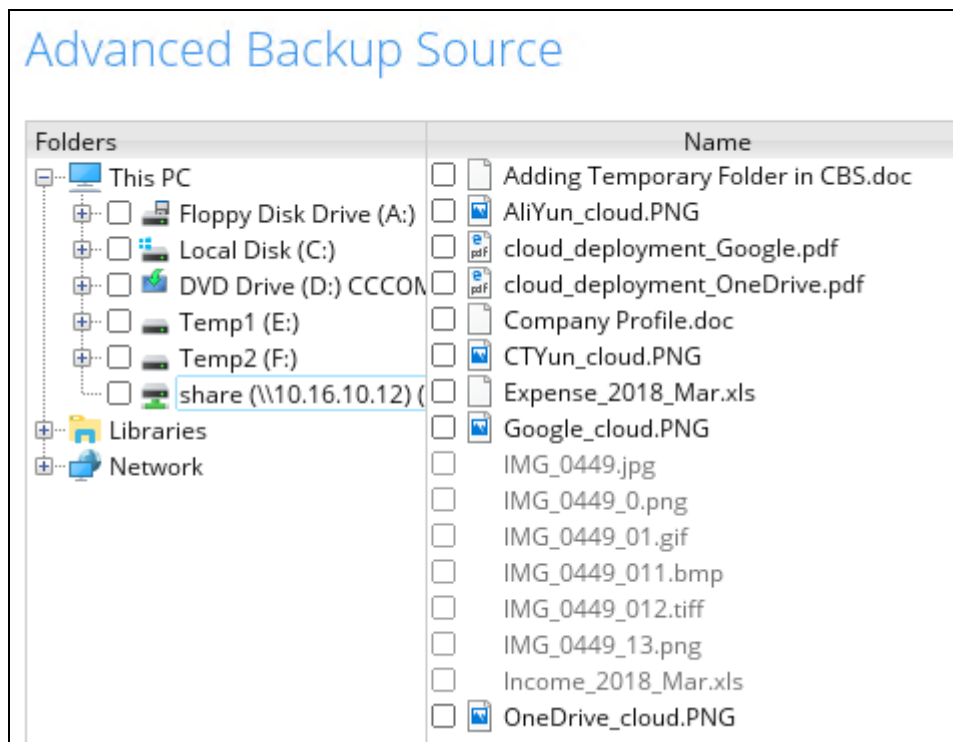
i

Apply this filter to all files/folders in

All hard disk drives

This folder only

The result is:



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: true][Name: Filter-1, Type: starts with, Top Directory: \\10.16.10.39\share\, Include: No, Exclude all unmatched files/folders: No, 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]
In-File Delta	[Enabled: Yes, Default Type: I, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [I, Monthly: [I, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: Work12-w12x, Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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 (Compressed size larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified

Backup Log:

```
[2019/03/27 15:25:56] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 15:25:56] [cbs] [1553671534906] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 15:25:57] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 15:25:57] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 15:25:58] [info] [1553671534906] Start Backup ...
[In-File Delta: Full]
[2019/03/27 15:25:58] [info] [1553671534906] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553671416000\OBS@1553671534906
[2019/03/27 15:25:58] [cbs] [1553671534906] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553671416000\OBS@1553671534906,
0,0,0,,,
[2019/03/27 15:25:59] [info] [-] Start running pre-commands
[2019/03/27 15:25:59] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 15:25:59] [info] [-] Finished running pre-commands
[2019/03/27 15:25:59] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 15:25:59] [info] [1553671534906] Downloading server
file list...
[2019/03/27 15:25:59] [info] [1553671534906] Downloading server
file list... Completed
[2019/03/27 15:26:00] [info] [1553671534906] Reading backup
source from hard disk...
[2019/03/27 15:26:01] [info] [1553671534906] Reading backup
source from hard disk... Completed
[2019/03/27 15:26:02] [info] [1553671534906] Total New Files = 0
[2019/03/27 15:26:02] [info] [1553671534906] Total New
Directories = 0
[2019/03/27 15:26:02] [info] [1553671534906] Total New Links = 0
[2019/03/27 15:26:02] [info] [1553671534906] Total Updated Files
= 0
[2019/03/27 15:26:02] [info] [1553671534906] Total Attributes
Changed Files = 0
[2019/03/27 15:26:02] [info] [1553671534906] Total Deleted Files
= 0
[2019/03/27 15:26:02] [info] [1553671534906] Total Deleted
Directories = 0
```

```
[2019/03/27 15:26:02] [info] [1553671534906] Total Deleted Links = 0
[2019/03/27 15:26:02] [info] [1553671534906] Total Moved Files = 0
[2019/03/27 15:26:03] [info] [1553671534906] Saving encrypted backup file index to 1553671416000/blocks at destination AhsayCBS...
[2019/03/27 15:26:03] [info] [1553671534906] Saving encrypted backup file index to 1553671416000/blocks/2019-03-27-15-25-56 at destination AhsayCBS...
[2019/03/27 15:26:04] [info] [-] Start running post-commands
[2019/03/27 15:26:04] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/27 15:26:04] [info] [-] Finished running post-commands
[2019/03/27 15:26:04] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/27 15:26:04] [info] [1553671534906] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553671416000\OBS@1553671534906
[2019/03/27 15:26:04] [info] [1553671534906] Backup Completed Successfully
[2019/03/27 15:26:04] [cbs] [1553671534906]
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 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

The result is:

Folders	Name
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCOM [-] Temp1 (E:) [-] Temp2 (F:) [-] share (\\10.16.10.12... [-] Libraries [-] Network 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Adding Temporary Folder in CBS.doc <input checked="" type="checkbox"/> AliYun_cloud.PNG <input checked="" type="checkbox"/> cloud_deployment_Google.pdf <input checked="" type="checkbox"/> cloud_deployment_OneDrive.pdf <input checked="" type="checkbox"/> Company Profile.doc <input checked="" type="checkbox"/> CTYun_cloud.PNG <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.tiff <input type="checkbox"/> IMG_0449_13.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	
Filter	[Enabled: true][Name: Filter-1, Type: starts with, Top Directory: \\10.16.10.12\share\, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: {}]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminders: , Off-line Backup Reminders: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\Adding Temporary Folder in CBS.doc	70k / 70k (0%)	07/19/2018 16:05
5	new	\\10.16.10.12\share\AliYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
6	new	\\10.16.10.12\share\Company Profile.doc	70k / 70k (0%)	07/19/2018 16:05
7	new	\\10.16.10.12\share\CTYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
8	new	\\10.16.10.12\share\Google_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
9	new	\\10.16.10.12\share\OneDrive_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
10	new	\\10.16.10.12\share\Expense_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
11	new	\\10.16.10.12\share\cloud_deployment_Google.pdf	103k / 103k (0%)	02/12/2019 15:26
12	new	\\10.16.10.12\share\cloud_deployment_OneDrive.pdf	103k / 103k (0%)	02/12/2019 15:26

Backup Log:

```
[2019/03/27 15:29:58] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 15:29:58] [cbs] [1553671777066] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 15:29:58] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 15:29:58] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 15:29:59] [info] [1553671777066] Start Backup ...
[In-File Delta: Full]
[2019/03/27 15:29:59] [info] [1553671777066] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553671691676\OBS@1553671777066
[2019/03/27 15:29:59] [cbs] [1553671777066] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553671691676\OBS@1553671777066,
0,0,0,,,
[2019/03/27 15:30:00] [info] [-] Start running pre-commands
[2019/03/27 15:30:00] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 15:30:00] [info] [-] Finished running pre-commands
[2019/03/27 15:30:00] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 15:30:00] [info] [1553671777066] Downloading server
file list...
[2019/03/27 15:30:00] [info] [1553671777066] Downloading server
file list... Completed
[2019/03/27 15:30:01] [info] [1553671777066] Reading backup
source from hard disk...
[2019/03/27 15:30:03] [info] [1553671777066] Reading backup
source from hard disk... Completed
[2019/03/27 15:30:03] [info] [1553671777066] [New Directory]...
\\
[2019/03/27 15:30:03] [cbs] [1553671777066] new,\\,0,0,0,,,D
[2019/03/27 15:30:03] [info] [1553671777066] [New Directory]...
\\10.16.10.12
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 15:30:03] [info] [1553671777066] [New Directory]...
\\10.16.10.12\share
```

```

[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\\10.16.10.12\share,0,0,0,,,D
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 22% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 34% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 45% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 57% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 68% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 80% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 91% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 41% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 62% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 83% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\\10.16.10.12\share\Adding Temporary Folder in
CBS.doc,71696,71680,1531987501233,,,F
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\\10.16.10.12\share\AliYun_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 22% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 34% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 45% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 57% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 68% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 80% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 91% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\\10.16.10.12\share\Company
Profile.doc,71696,71680,1531987501233,,,F
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 41% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 62% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 83% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\\10.16.10.12\share\CTYun_cloud.PNG,39072,39056,1543809122431
,,,F
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 41% of
"\\10.16.10.12\share\Google_cloud.PNG"

```

```

[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 62% of
"\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 83% of
"\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\10.16.10.12\share\Google_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 41% of
"\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 62% of
"\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 83% of
"\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\10.16.10.12\share\OneDrive_cloud.PNG,39072,39056,1543809122
431,,,F
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 64% of
"\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 96% of
"\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\10.16.10.12\share\Expense_2018_Mar.xls,25616,25600,15336889
40465,,,F
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 23% of
"\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 38% of
"\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 53% of
"\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 69% of
"\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 84% of
"\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 23% of
"\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\10.16.10.12\share\cloud_deployment_Google.pdf,106400,106398
,1549956371235,,,F
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 38% of
"\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 53% of
"\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 69% of
"\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 84% of
"\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:30:03] [info] [1553671777066] [New File]... 100%
of "\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:30:03] [cbs] [1553671777066]
new,\10.16.10.12\share\cloud_deployment_OneDrive.pdf,106400,1063
98,1549956371235,,,F
[2019/03/27 15:30:04] [info] [1553671777066] Total New Files = 9
[2019/03/27 15:30:04] [info] [1553671777066] Total New
Directories = 3
[2019/03/27 15:30:04] [info] [1553671777066] Total New Links = 0

```

```
[2019/03/27 15:30:04] [info] [1553671777066] Total Updated Files = 0
[2019/03/27 15:30:04] [info] [1553671777066] Total Attributes Changed Files = 0
[2019/03/27 15:30:04] [info] [1553671777066] Total Deleted Files = 0
[2019/03/27 15:30:04] [info] [1553671777066] Total Deleted Directories = 0
[2019/03/27 15:30:04] [info] [1553671777066] Total Deleted Links = 0
[2019/03/27 15:30:04] [info] [1553671777066] Total Moved Files = 0
[2019/03/27 15:30:06] [info] [1553671777066] Saving encrypted backup file index to 1553671691676/blocks at destination AhsayCBS...
[2019/03/27 15:30:06] [info] [1553671777066] Saving encrypted backup file index to 1553671691676/blocks/2019-03-27-15-29-58 at destination AhsayCBS...
[2019/03/27 15:30:07] [info] [-] Start running post-commands
[2019/03/27 15:30:07] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/27 15:30:07] [info] [-] Finished running post-commands
[2019/03/27 15:30:07] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/27 15:30:07] [info] [1553671777066] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553671691676\OBS@1553671777066
[2019/03/27 15:30:07] [info] [1553671777066] Backup Completed Successfully
[2019/03/27 15:30:07] [cbs] [1553671777066]
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

Apply this filter to all files/folders in

All hard disk drives
 This folder only

The result is:

Advanced Backup Source

Folders	Name
<input type="checkbox"/> This PC	<input type="checkbox"/> Adding Temporary Folder in CBS.doc
<input type="checkbox"/> Floppy Disk Drive (A:)	<input checked="" type="checkbox"/> AliYun_cloud.PNG
<input type="checkbox"/> Local Disk (C:)	<input checked="" type="checkbox"/> cloud_deployment_Google.pdf
<input type="checkbox"/> DVD Drive (D:) CCCON	<input checked="" type="checkbox"/> cloud_deployment_OneDrive.pdf
<input type="checkbox"/> Temp1 (E:)	<input type="checkbox"/> Company Profile.doc
<input type="checkbox"/> Temp2 (F:)	<input checked="" type="checkbox"/> CTYun_cloud.PNG
<input type="checkbox"/> share (\\10.16.10.12) (<input type="checkbox"/> Expense_2018_Mar.xls
<input type="checkbox"/> Libraries	<input checked="" type="checkbox"/> Google_cloud.PNG
<input type="checkbox"/> Network	<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.tiff
	<input type="checkbox"/> IMG_0449_13.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: true][Name: Filter-1, Type: contain, Top Directory: \\10.16.10.39\share\, 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]
In-File Delta	[Enabled: Yes, Default Type: 1, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 90, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: Work12-w12x, Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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 (Compressed size larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.39	0 / 0 (0%)	
3	new	\\10.16.10.39\share	0 / 0 (0%)	
4	new	\\10.16.10.39\share\AliYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
5	new	\\10.16.10.39\share\CTYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
6	new	\\10.16.10.39\share\Google_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
7	new	\\10.16.10.39\share\OneDrive_cloud.PNG	21k / 21k (0%)	09/18/2018 16:14
8	new	\\10.16.10.39\share\cloud_deployment_Google.pdf	901k / 1.01M (12%)	09/14/2018 15:14
9	new	\\10.16.10.39\share\cloud_deployment_OneDrive.pdf	901k / 1.01M (12%)	09/14/2018 15:14

Backup Log:

```
[2019/03/27 15:47:38] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 15:47:38] [cbs] [1553672807735] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 15:47:38] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 15:47:38] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 15:47:39] [info] [1553672807735] Start Backup ...
[In-File Delta: Full]
[2019/03/27 15:47:39] [info] [1553672807735] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553672655142\OBS@1553672807735
[2019/03/27 15:47:39] [cbs] [1553672807735] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553672655142\OBS@1553672807735,
0,0,0,,,
[2019/03/27 15:47:40] [info] [-] Start running pre-commands
[2019/03/27 15:47:40] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 15:47:40] [info] [-] Finished running pre-commands
[2019/03/27 15:47:40] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 15:47:40] [info] [1553672807735] Downloading server
file list...
[2019/03/27 15:47:40] [info] [1553672807735] Downloading server
file list... Completed
[2019/03/27 15:47:41] [info] [1553672807735] Reading backup
source from hard disk...
[2019/03/27 15:47:42] [info] [1553672807735] Reading backup
source from hard disk... Completed
[2019/03/27 15:47:42] [info] [1553672807735] [New Directory]...
\\
[2019/03/27 15:47:42] [cbs] [1553672807735] new,\\,0,0,0,,,D
[2019/03/27 15:47:42] [info] [1553672807735] [New Directory]...
\\10.16.10.12
[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 15:47:42] [info] [1553672807735] [New Directory]...
\\10.16.10.12\share
[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12\share,0,0,0,,,D
```

```
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 41% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 62% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 83% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 100%
of "\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 41% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 62% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 83% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 100%
of "\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12\share\AliYun_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12\share\CTYun_cloud.PNG,39072,39056,1543809122431
,,,F
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 41% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 62% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 83% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 100%
of "\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12\share\Google_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 41% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 62% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 83% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 100%
of "\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12\share\OneDrive_cloud.PNG,39072,39056,1543809122
431,,,F
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 84% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 100%
of "\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
```

```

[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12\share\cloud_deployment_OneDrive.pdf,106400,1063
98,1549956371235,,,F
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 84% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:47:42] [info] [1553672807735] [New File]... 100%
of "\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 15:47:42] [cbs] [1553672807735]
new,\\10.16.10.12\share\cloud_deployment_Google.pdf,106400,106398
,1549956371235,,,F
[2019/03/27 15:47:43] [info] [1553672807735] Total New Files = 6
[2019/03/27 15:47:43] [info] [1553672807735] Total New
Directories = 3
[2019/03/27 15:47:43] [info] [1553672807735] Total New Links = 0
[2019/03/27 15:47:43] [info] [1553672807735] Total Updated Files
= 0
[2019/03/27 15:47:43] [info] [1553672807735] Total Attributes
Changed Files = 0
[2019/03/27 15:47:43] [info] [1553672807735] Total Deleted Files
= 0
[2019/03/27 15:47:43] [info] [1553672807735] Total Deleted
Directories = 0
[2019/03/27 15:47:43] [info] [1553672807735] Total Deleted Links
= 0
[2019/03/27 15:47:43] [info] [1553672807735] Total Moved Files =
0
[2019/03/27 15:47:44] [info] [1553672807735] Saving encrypted
backup file index to 1553672655142/blocks at destination
AhsayCBS...
[2019/03/27 15:47:45] [info] [1553672807735] Saving encrypted
backup file index to 1553672655142/blocks/2019-03-27-15-47-38 at
destination AhsayCBS...
[2019/03/27 15:47:45] [info] [-] Start running post-commands
[2019/03/27 15:47:45] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 15:47:45] [info] [-] Finished running post-commands
[2019/03/27 15:47:45] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 15:47:45] [info] [1553672807735] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553672655142\OBS@1553672807735
[2019/03/27 15:47:45] [info] [1553672807735] Backup Completed
Successfully
[2019/03/27 15:47:45] [cbs] [1553672807735]
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

X

Apply this filter to all files/folders in

All hard disk drives
 This folder only

The result is:

Advanced Backup Source	
Folders	Name
<ul style="list-style-type: none"> [-] This PC <ul style="list-style-type: none"> [-] Floppy Disk Drive (A:) [-] Local Disk (C:) [-] DVD Drive (D:) CCCOM [-] Temp1 (E:) [-] Temp2 (F:) [-] share (\\10.16.10.12...) [-] Libraries [-] Network 	<ul style="list-style-type: none"> <input type="checkbox"/> Adding Temporary Folder in CBS.doc <input checked="" type="checkbox"/> AliYun_cloud.PNG <input checked="" type="checkbox"/> cloud_deployment_Google.pdf <input checked="" type="checkbox"/> cloud_deployment_OneDrive.pdf <input type="checkbox"/> Company Profile.doc <input checked="" type="checkbox"/> CTYun_cloud.PNG <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.tiff <input type="checkbox"/> IMG_0449_13.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	
Filter	[Enabled: true][Name Filter: I, Type: contain, Top Directory: \\10.16.10.12\share\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\AliYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
5	new	\\10.16.10.12\share\CTYun_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
6	new	\\10.16.10.12\share\Google_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
7	new	\\10.16.10.12\share\cloud_deployment_Google.pdf	103k / 103k (0%)	02/12/2019 15:26
8	new	\\10.16.10.12\share\OneDrive_cloud.PNG	38k / 38k (0%)	12/03/2018 11:52
9	new	\\10.16.10.12\share\cloud_deployment_OneDrive.pdf	103k / 103k (0%)	02/12/2019 15:26

Backup Log:

```
[2019/03/27 16:00:56] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 16:00:56] [cbs] [1553673623938] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 16:00:57] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 16:00:57] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 16:00:58] [info] [1553673623938] Start Backup ...
[In-File Delta: Full]
[2019/03/27 16:00:58] [info] [1553673623938] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553673486970\OBS@1553673623938
[2019/03/27 16:00:58] [cbs] [1553673623938] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553673486970\OBS@1553673623938,
0,0,0,,,
[2019/03/27 16:00:58] [info] [-] Start running pre-commands
[2019/03/27 16:00:58] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 16:00:58] [info] [-] Finished running pre-commands
[2019/03/27 16:00:58] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 16:00:58] [info] [1553673623938] Downloading server
file list...
[2019/03/27 16:00:59] [info] [1553673623938] Downloading server
file list... Completed
[2019/03/27 16:01:01] [info] [1553673623938] Reading backup
source from hard disk...
[2019/03/27 16:01:04] [info] [1553673623938] [New Directory]...
\\
[2019/03/27 16:01:04] [cbs] [1553673623938] new,\\,0,0,0,,,D
[2019/03/27 16:01:04] [info] [1553673623938] Reading backup
source from hard disk... Completed
[2019/03/27 16:01:04] [info] [1553673623938] [New Directory]...
\\10.16.10.12
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 16:01:04] [info] [1553673623938] [New Directory]...
\\10.16.10.12\share
```

```
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12\share,0,0,0,,,D
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 41% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 62% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 83% of
"\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 100%
of "\\10.16.10.12\share\AliYun_cloud.PNG"
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12\share\AliYun_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 41% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 62% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 83% of
"\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 100%
of "\\10.16.10.12\share\CTYun_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 41% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 62% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 83% of
"\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 100%
of "\\10.16.10.12\share\Google_cloud.PNG"
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12\share\CTYun_cloud.PNG,39072,39056,1543809122431
,,,F
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12\share\Google_cloud.PNG,39072,39056,154380912243
1,,,F
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 84% of
"\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 100%
of "\\10.16.10.12\share\cloud_deployment_Google.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 41% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 62% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 83% of
"\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 100%
of "\\10.16.10.12\share\OneDrive_cloud.PNG"
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12\share\cloud_deployment_Google.pdf,106400,106398
,1549956371235,,,F
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12\share\OneDrive_cloud.PNG,39072,39056,1543809122
431,,,F
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 23% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
```

```

[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 38% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 53% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 69% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 84% of
"\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 16:01:04] [info] [1553673623938] [New File]... 100%
of "\\10.16.10.12\share\cloud_deployment_OneDrive.pdf"
[2019/03/27 16:01:04] [cbs] [1553673623938]
new,\\10.16.10.12\share\cloud_deployment_OneDrive.pdf,106400,1063
98,1549956371235,,,F
[2019/03/27 16:01:05] [info] [1553673623938] Total New Files = 6
[2019/03/27 16:01:05] [info] [1553673623938] Total New
Directories = 3
[2019/03/27 16:01:05] [info] [1553673623938] Total New Links = 0
[2019/03/27 16:01:05] [info] [1553673623938] Total Updated Files
= 0
[2019/03/27 16:01:05] [info] [1553673623938] Total Attributes
Changed Files = 0
[2019/03/27 16:01:05] [info] [1553673623938] Total Deleted Files
= 0
[2019/03/27 16:01:05] [info] [1553673623938] Total Deleted
Directories = 0
[2019/03/27 16:01:05] [info] [1553673623938] Total Deleted Links
= 0
[2019/03/27 16:01:05] [info] [1553673623938] Total Moved Files =
0
[2019/03/27 16:01:06] [info] [1553673623938] Saving encrypted
backup file index to 1553673486970/blocks at destination
AhsayCBS...
[2019/03/27 16:01:06] [info] [1553673623938] Saving encrypted
backup file index to 1553673486970/blocks/2019-03-27-16-00-56 at
destination AhsayCBS...
[2019/03/27 16:01:07] [info] [-] Start running post-commands
[2019/03/27 16:01:07] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 16:01:07] [info] [-] Finished running post-commands
[2019/03/27 16:01:07] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 16:01:07] [info] [1553673623938] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553673486970\OBS@1553673623938
[2019/03/27 16:01:07] [info] [1553673623938] Backup Completed
Successfully
[2019/03/27 16:01:07] [cbs] [1553673623938]
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)

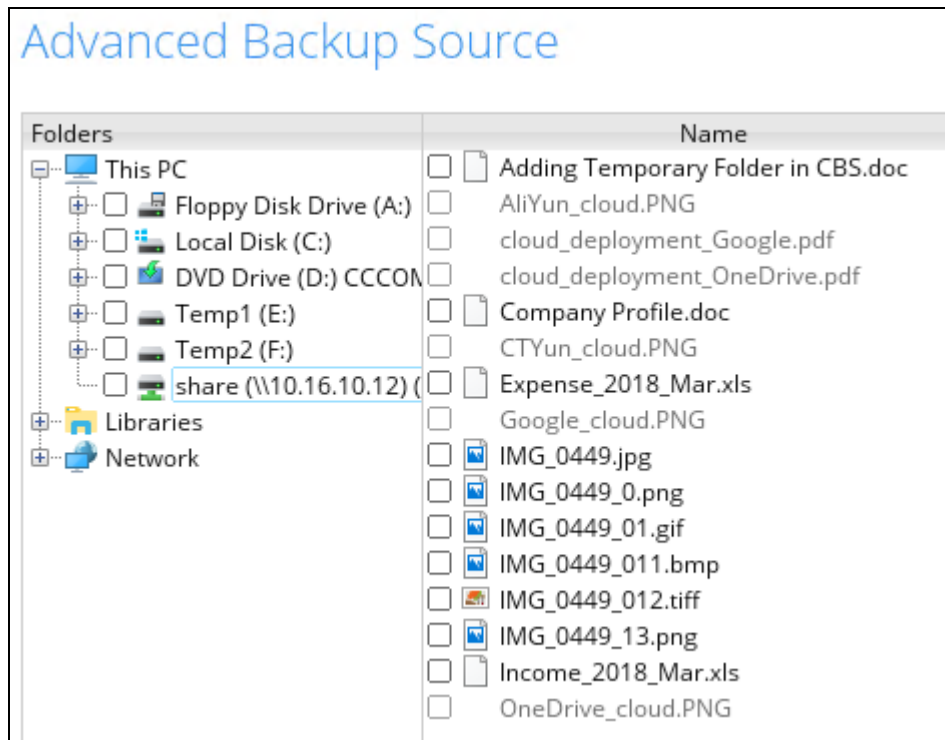
Existing patterns to match

Apply this filter to all files/folders in

All hard disk drives

This folder only

The result is:



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: true][Name: Filter-1, Type: contain, Top Directory: \\10.16.10.12\share\, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [L, Monthly: [L, Daily: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified

Backup Log:

```
[2019/03/27 16:04:42] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 16:04:42] [cbs] [1553673863825] start,"Start
[ Windows 10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 16:04:43] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 16:04:43] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 16:04:45] [info] [1553673863825] Start Backup ...
[In-File Delta: Full]
[2019/03/27 16:04:45] [info] [1553673863825] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553673769778\OBS@1553673863825
[2019/03/27 16:04:45] [cbs] [1553673863825] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553673769778\OBS@1553673863825,
0,0,0,,,
[2019/03/27 16:04:45] [info] [-] Start running pre-commands
[2019/03/27 16:04:45] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 16:04:45] [info] [-] Finished running pre-commands
[2019/03/27 16:04:45] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 16:04:45] [info] [1553673863825] Downloading server
file list...
[2019/03/27 16:04:45] [info] [1553673863825] Downloading server
file list... Completed
[2019/03/27 16:04:46] [info] [1553673863825] Reading backup
source from hard disk...
[2019/03/27 16:04:47] [info] [1553673863825] Reading backup
source from hard disk... Completed
[2019/03/27 16:04:49] [info] [1553673863825] Total New Files = 0
[2019/03/27 16:04:49] [info] [1553673863825] Total New
Directories = 0
[2019/03/27 16:04:49] [info] [1553673863825] Total New Links = 0
[2019/03/27 16:04:49] [info] [1553673863825] Total Updated Files
= 0
[2019/03/27 16:04:49] [info] [1553673863825] Total Attributes
Changed Files = 0
[2019/03/27 16:04:49] [info] [1553673863825] Total Deleted Files
= 0
[2019/03/27 16:04:49] [info] [1553673863825] Total Deleted
Directories = 0
[2019/03/27 16:04:49] [info] [1553673863825] Total Deleted Links
= 0
```

```
[2019/03/27 16:04:49] [info] [1553673863825] Total Moved Files =
0
[2019/03/27 16:04:50] [info] [1553673863825] Saving encrypted
backup file index to 1553673769778/blocks at destination
AhsayCBS...
[2019/03/27 16:04:50] [info] [1553673863825] Saving encrypted
backup file index to 1553673769778/blocks/2019-03-27-16-04-42 at
destination AhsayCBS...
[2019/03/27 16:04:51] [info] [-] Start running post-commands
[2019/03/27 16:04:51] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 16:04:51] [info] [-] Finished running post-commands
[2019/03/27 16:04:51] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 16:04:51] [info] [1553673863825] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553673769778\OBS@1553673863825
[2019/03/27 16:04:51] [info] [1553673863825] Backup Completed
Successfully
[2019/03/27 16:04:51] [cbs] [1553673863825]
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	✓ Adding Temporary Folder in CBS.doc
[-] Floppy Disk Drive (A:)	<input type="checkbox"/> AliYun_cloud.PNG
[-] Local Disk (C:)	<input type="checkbox"/> cloud_deployment_Google.pdf
[-] DVD Drive (D:) CCCOM	<input type="checkbox"/> cloud_deployment_OneDrive.pdf
[-] Temp1 (E:)	✓ Company Profile.doc
[-] Temp2 (F:)	<input type="checkbox"/> CTYun_cloud.PNG
[-] share (\\10.16.10.12...)	✓ Expense_2018_Mar.xls
[-] Libraries	<input type="checkbox"/> Google_cloud.PNG
[-] Network	✓ IMG_0449.jpg
	✓ IMG_0449_0.png
	✓ IMG_0449_01.gif
	✓ IMG_0449_011.bmp
	✓ IMG_0449_012.tiff
	✓ IMG_0449_13.png
	✓ 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: true][Name: Filter-1, Type: contain, Top Directory: \\10.16.10.12\share\, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day:] 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminders: . Off-line Backup Reminders: . Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\share	0 / 0 (0%)	
4	new	\\10.16.10.12\share\Company Profile.doc	70k / 70k (0%)	07/19/2018 16:05
5	new	\\10.16.10.12\share\Adding Temporary Folder in CBS.doc	70k / 70k (0%)	07/19/2018 16:05
6	new	\\10.16.10.12\share\Expense_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
7	new	\\10.16.10.12\share\IMG_0449.jpg	18k / 18k (0%)	03/26/2019 14:51
8	new	\\10.16.10.12\share\IMG_0449_0.png	13k / 12k (0%)	07/04/2018 14:55
9	new	\\10.16.10.12\share\IMG_0449_01.gif	5.18M / 5.18M (0%)	03/26/2019 14:45
10	new	\\10.16.10.12\share\IMG_0449_012.tiff	8.55M / 8.55M (0%)	03/26/2019 14:46
11	new	\\10.16.10.12\share\IMG_0449_13.png	13k / 12k (0%)	07/04/2018 14:55
12	new	\\10.16.10.12\share\Income_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42
13	new	\\10.16.10.12\share\IMG_0449_011.bmp	36.56M / 36.56M (0%)	03/26/2019 14:45
14	new	[C] \\10.16.10.12\share\IMG_0449_011.bmp	254k / 329k (22%)	03/27/2019 16:09

Backup Log:

```
[2019/03/27 16:08:46] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 16:08:46] [cbs] [1553674107450] start,"Start [ Windows 10
(w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 16:08:47] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 16:08:47] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 16:08:48] [info] [1553674107450] Start Backup ... [In-
File Delta: Full]
[2019/03/27 16:08:48] [info] [1553674107450] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553674017654\OBS@1553674107450
[2019/03/27 16:08:48] [cbs] [1553674107450] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553674017654\OBS@1553674107450,0,0,
0,,,
[2019/03/27 16:08:48] [info] [-] Start running pre-commands
[2019/03/27 16:08:48] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 16:08:48] [info] [-] Finished running pre-commands
[2019/03/27 16:08:48] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 16:08:48] [info] [1553674107450] Downloading server file
list...
[2019/03/27 16:08:48] [info] [1553674107450] Downloading server file
list... Completed
[2019/03/27 16:08:50] [info] [1553674107450] Reading backup source
from hard disk...
[2019/03/27 16:08:51] [info] [1553674107450] Reading backup source
from hard disk... Completed
[2019/03/27 16:08:51] [info] [1553674107450] [New Directory]... \\
[2019/03/27 16:08:51] [cbs] [1553674107450] new,\\,0,0,0,,,D
[2019/03/27 16:08:51] [info] [1553674107450] [New Directory]...
\\10.16.10.12
[2019/03/27 16:08:51] [cbs] [1553674107450]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 16:08:51] [info] [1553674107450] [New Directory]...
\\10.16.10.12\share
[2019/03/27 16:08:51] [cbs] [1553674107450]
new,\\10.16.10.12\share,0,0,0,,,D
```

```

[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 22% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 34% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 45% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 57% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 68% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 80% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 91% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\Company Profile.doc"
[2019/03/27 16:08:51] [cbs] [1553674107450]
new,\\10.16.10.12\share\Company
Profile.doc,71696,71680,1531987501233,,,F
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 22% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 34% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 45% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 57% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 68% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 80% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 91% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\Adding Temporary Folder in CBS.doc"
[2019/03/27 16:08:51] [cbs] [1553674107450]
new,\\10.16.10.12\share\Adding Temporary Folder in
CBS.doc,71696,71680,1531987501233,,,F
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 64% of
"\\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 96% of
"\\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\Expense_2018_Mar.xls"
[2019/03/27 16:08:51] [cbs] [1553674107450]
new,\\10.16.10.12\share\Expense_2018_Mar.xls,25616,25600,153368894046
5,,,F
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 85% of
"\\10.16.10.12\share\IMG_0449.jpg"
[2019/03/27 16:08:51] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449.jpg"
[2019/03/27 16:08:51] [cbs] [1553674107450]
new,\\10.16.10.12\share\IMG_0449.jpg,19168,19158,1553583082684,,,F
[2019/03/27 16:08:52] [info] [1553674107450] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:52] [info] [1553674107450] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:52] [info] [1553674107450] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:52] [info] [1553674107450] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:53] [info] [1553674107450] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:54] [info] [1553674107450] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:55] [info] [1553674107450] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_01.gif"

```

[2019/03/27 16:08:55] [info] [1553674107450] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:55] [info] [1553674107450] [New File]... 91% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:55] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_01.gif"
[2019/03/27 16:08:55] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_0.png"
[2019/03/27 16:08:55] [cbs] [1553674107450]
new,\\10.16.10.12\share\IMG_0449_0.png,13312,13304,1530687339865,,F
[2019/03/27 16:08:55] [cbs] [1553674107450]
new,\\10.16.10.12\share\IMG_0449_01.gif,5432832,5432822,1553582700496
,,,F
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 10% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 20% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 90% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 30% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:08:56] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_012.tiff"
[2019/03/27 16:08:57] [info] [1553674107450] [New File]... 40% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:08:57] [cbs] [1553674107450]
new,\\10.16.10.12\share\IMG_0449_012.tiff,8961472,8961456,15535827983
41,,F
[2019/03/27 16:08:57] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_13.png"
[2019/03/27 16:08:57] [cbs] [1553674107450]
new,\\10.16.10.12\share\IMG_0449_13.png,13312,13304,1530687339865,,F
[2019/03/27 16:08:57] [info] [1553674107450] [New File]... 64% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 16:08:57] [info] [1553674107450] [New File]... 96% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 16:08:57] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\Income_2018_Mar.xls"
[2019/03/27 16:08:57] [cbs] [1553674107450]
new,\\10.16.10.12\share\Income_2018_Mar.xls,25616,25600,1533688940465
,,,F
[2019/03/27 16:08:57] [info] [1553674107450] [New File]... 50% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:08:57] [info] [1553674107450] [New File]... 60% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:08:58] [info] [1553674107450] [New File]... 70% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:09:00] [info] [1553674107450] [New File]... 80% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:09:06] [info] [1553674107450] [New File]... 90% of
"\\10.16.10.12\share\IMG_0449_011.bmp"

```

[2019/03/27 16:09:07] [info] [1553674107450] [New File]... 100% of
"\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:09:14] [cbs] [1553674107450]
new,\\10.16.10.12\share\IMG_0449_011.bmp,38340928,38340918,1553582754
786,,,F
[2019/03/27 16:09:14] [info] [1553674107450] [Checksum File]... 58%
of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:09:14] [info] [1553674107450] [Checksum File]... 77%
of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:09:14] [info] [1553674107450] [Checksum File]... 100%
of "\\10.16.10.12\share\IMG_0449_011.bmp"
[2019/03/27 16:09:14] [cbs] [1553674107450] new,[C]
\\10.16.10.12\share\IMG_0449_011.bmp,261045,337028,1553674154349,,,C
[2019/03/27 16:09:22] [info] [1553674107450] Total New Files = 10
[2019/03/27 16:09:22] [info] [1553674107450] Total New Directories =
3
[2019/03/27 16:09:22] [info] [1553674107450] Total New Links = 0
[2019/03/27 16:09:22] [info] [1553674107450] Total Updated Files = 0
[2019/03/27 16:09:22] [info] [1553674107450] Total Attributes Changed
Files = 0
[2019/03/27 16:09:22] [info] [1553674107450] Total Deleted Files = 0
[2019/03/27 16:09:22] [info] [1553674107450] Total Deleted
Directories = 0
[2019/03/27 16:09:22] [info] [1553674107450] Total Deleted Links = 0
[2019/03/27 16:09:22] [info] [1553674107450] Total Moved Files = 0
[2019/03/27 16:09:23] [info] [1553674107450] Saving encrypted backup
file index to 1553674017654/blocks at destination AhsayCBS...
[2019/03/27 16:09:23] [info] [1553674107450] Saving encrypted backup
file index to 1553674017654/blocks/2019-03-27-16-08-46 at destination
AhsayCBS...
[2019/03/27 16:09:24] [info] [-] Start running post-commands
[2019/03/27 16:09:24] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2019/03/27 16:09:24] [info] [-] Finished running post-commands
[2019/03/27 16:09:24] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2019/03/27 16:09:24] [info] [1553674107450] Deleting temporary file
C:\Users\Administrator\.obm\temp\1553674017654\OBS@1553674107450
[2019/03/27 16:09:24] [info] [1553674107450] Backup Completed
Successfully
[2019/03/27 16:09:24] [cbs] [1553674107450]
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

Regular expression (UNIX-style)

Existing patterns to match

Apply this filter to all files/folders in

All hard disk drives

This folder only

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
 Regular expression (UNIX-style)

Existing patterns to match

expense

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 type="checkbox"/> asset_inventory_2016.xls
[-] Floppy Disk Drive (A:)	<input type="checkbox"/> asset_inventory_2017.xls
[-] Local Disk (C:)	<input type="checkbox"/> asset_inventory_2018.xls
[-] DVD Drive (D:) CCCOM	<input type="checkbox"/> Expense_2017_Feb.xls
[-] Temp1 (E:)	<input type="checkbox"/> Expense_2017_Jan.xls
[-] Temp2 (F:)	<input type="checkbox"/> Expense_2017_Mar.xls
[-] shared (\\10.16.10.12)	<input checked="" type="checkbox"/> Expense_2018_Feb.xls
[-] share (\\10.16.10.12) (<input checked="" type="checkbox"/> Expense_2018_Jan.xls
[-] Libraries	<input checked="" type="checkbox"/> Expense_2018_Mar.xls
[-] Network	<input type="checkbox"/> Income_2017_Feb.xls
	<input type="checkbox"/> Income_2017_Jan.xls
	<input type="checkbox"/> Income_2017_Mar.xls
	<input type="checkbox"/> Income_2018_Feb.xls
	<input type="checkbox"/> Income_2018_Jan.xls
	<input type="checkbox"/> Income_2018_Mar.xls

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: true][Name: Filter-1, Type: contain, Top Directory: \\10.16.10.12\shared\, Include: No, Exclude all unmatched files/folders: No, Apply to No, Apply to files: Yes, Pattern: [2017]]Name: Filter-2, Type: contain, Top Directory: \\10.16.10.12\shared\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [expense]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: 0, Block Size: -1, Minimum Size = 2621440, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [], Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Days]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
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:

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	\\	0 / 0 (0%)	
2	new	\\10.16.10.12	0 / 0 (0%)	
3	new	\\10.16.10.12\shared	0 / 0 (0%)	
4	new	\\10.16.10.12\shared\Expense_2018_Feb.xls	25k / 25k (0%)	08/08/2018 08:42
5	new	\\10.16.10.12\shared\Expense_2018_Jan.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	\\10.16.10.12\shared\Expense_2018_Mar.xls	25k / 25k (0%)	08/08/2018 08:42

Backup Log:

```
[2019/03/27 16:19:51] [info] [-] Start [ Windows 10 (w10-pro),
AhsayOBM v8.1.0.95 ]
[2019/03/27 16:19:51] [cbs] [1553674773227] start,"Start [ Windows
10 (w10-pro), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/27 16:19:51] [info] [-] Saving encrypted backup set
encryption keys to server...
[2019/03/27 16:19:51] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2019/03/27 16:19:52] [info] [1553674773227] Start Backup ... [In-
File Delta: Full]
[2019/03/27 16:19:52] [info] [1553674773227] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553674426009\OBS@1553674773227
[2019/03/27 16:19:52] [cbs] [1553674773227] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1553674426009\OBS@1553674773227,0,
0,0,,,
[2019/03/27 16:19:53] [info] [-] Start running pre-commands
[2019/03/27 16:19:53] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2019/03/27 16:19:53] [info] [-] Finished running pre-commands
[2019/03/27 16:19:53] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2019/03/27 16:19:53] [info] [1553674773227] Downloading server
file list...
[2019/03/27 16:19:53] [info] [1553674773227] Downloading server
file list... Completed
[2019/03/27 16:19:54] [info] [1553674773227] Reading backup source
from hard disk...
[2019/03/27 16:19:56] [info] [1553674773227] Reading backup source
from hard disk... Completed
[2019/03/27 16:19:56] [info] [1553674773227] [New Directory]... \\
[2019/03/27 16:19:56] [cbs] [1553674773227] new,\\,0,0,0,,,D
[2019/03/27 16:19:56] [info] [1553674773227] [New Directory]...
\\10.16.10.12
[2019/03/27 16:19:56] [cbs] [1553674773227]
new,\\10.16.10.12,0,0,0,,,D
[2019/03/27 16:19:56] [info] [1553674773227] [New Directory]...
\\10.16.10.12\shared
[2019/03/27 16:19:56] [cbs] [1553674773227]
new,\\10.16.10.12\shared,0,0,0,,,D
```

```

[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 64% of
"\\10.16.10.12\shared\Expense_2018_Feb.xls"
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 96% of
"\\10.16.10.12\shared\Expense_2018_Feb.xls"
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 100% of
"\\10.16.10.12\shared\Expense_2018_Feb.xls"
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 64% of
"\\10.16.10.12\shared\Expense_2018_Jan.xls"
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 96% of
"\\10.16.10.12\shared\Expense_2018_Jan.xls"
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 100% of
"\\10.16.10.12\shared\Expense_2018_Jan.xls"
[2019/03/27 16:19:56] [cbs] [1553674773227]
new, \\10.16.10.12\shared\Expense_2018_Feb.xls, 25616, 25600, 153368894
0465,,,F
[2019/03/27 16:19:56] [cbs] [1553674773227]
new, \\10.16.10.12\shared\Expense_2018_Jan.xls, 25616, 25600, 153368894
0465,,,F
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 64% of
"\\10.16.10.12\shared\Expense_2018_Mar.xls"
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 96% of
"\\10.16.10.12\shared\Expense_2018_Mar.xls"
[2019/03/27 16:19:56] [info] [1553674773227] [New File]... 100% of
"\\10.16.10.12\shared\Expense_2018_Mar.xls"
[2019/03/27 16:19:56] [cbs] [1553674773227]
new, \\10.16.10.12\shared\Expense_2018_Mar.xls, 25616, 25600, 153368894
0465,,,F
[2019/03/27 16:19:57] [info] [1553674773227] Total New Files = 3
[2019/03/27 16:19:57] [info] [1553674773227] Total New Directories
= 3
[2019/03/27 16:19:57] [info] [1553674773227] Total New Links = 0
[2019/03/27 16:19:57] [info] [1553674773227] Total Updated Files =
0
[2019/03/27 16:19:57] [info] [1553674773227] Total Attributes
Changed Files = 0
[2019/03/27 16:19:57] [info] [1553674773227] Total Deleted Files =
0
[2019/03/27 16:19:57] [info] [1553674773227] Total Deleted
Directories = 0
[2019/03/27 16:19:57] [info] [1553674773227] Total Deleted Links =
0
[2019/03/27 16:19:57] [info] [1553674773227] Total Moved Files = 0
[2019/03/27 16:19:59] [info] [1553674773227] Saving encrypted
backup file index to 1553674426009/blocks at destination
AhsayCBS...
[2019/03/27 16:19:59] [info] [1553674773227] Saving encrypted
backup file index to 1553674426009/blocks/2019-03-27-16-19-51 at
destination AhsayCBS...
[2019/03/27 16:20:00] [info] [-] Start running post-commands
[2019/03/27 16:20:00] [cbs] [-] info, Start running post-
commands, 0, 0, 0,,,
[2019/03/27 16:20:00] [info] [-] Finished running post-commands
[2019/03/27 16:20:00] [cbs] [-] info, Finished running post-
commands, 0, 0, 0,,,
[2019/03/27 16:20:00] [info] [1553674773227] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1553674426009\OBS@1553674773227
[2019/03/27 16:20:00] [info] [1553674773227] Backup Completed
Successfully
[2019/03/27 16:20:00] [cbs] [1553674773227]
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.

<p>Filter</p> <p>Name</p> <input type="text" value="Filter that starts with uppercase letter C"/> <p>Matching pattern</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> Pattern <input type="checkbox"/></p> <p><input type="checkbox"/> C</p> <p>For each of the matched files/folders under top directory</p> <p><input checked="" type="radio"/> Include them <input type="radio"/> Exclude them</p> <p>Exclusion</p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> <p>Match file/folder names by</p> <p><input checked="" type="radio"/> Simple comparison <input type="text" value="starts with"/> <input type="text"/></p> <p><input type="radio"/> Regular expression (UNIX-style)</p> <p>How to Apply This Filter</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</p> <p><input type="text" value="/mnt"/></p> <p>Apply to</p> <p><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</p>	<p>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/backupfiles</p> <p>As a result, these are the total files and directories that have been successfully backed up:</p> <p>Total New Files = 6</p> <ol style="list-style-type: none"> 1. <u>C</u>loudBackup_001.txt 2. <u>C</u>loudBackup_002.txt 3. <u>C</u>loudBackup_003.txt 4. <u>C</u>onfiguration_Guide2016.docx 5. <u>C</u>onfiguration_Guide2017.docx 6. <u>C</u>onfiguration_Guide2018.docx <p>Total New Directories = 5</p> <ol style="list-style-type: none"> 1. / 2. /mnt 3. /root 4. /usr 5. /usr/local
---	---

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: true][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:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 26214400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [, Day: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
Bandwidth Control	[Enabled: No, Mode: Share, Bandwidth Control:]
Others	Remove temporary files after backup: Yes, Follow Link: Yes, Volume Shadow Copy: Yes, File Permissions: No, Compression Type: Fast (Compressed size larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	03/19/2019 13:43
2	new	/mnt	4k / 4k (0%)	03/28/2019 16:17
3	new	/root	4k / 4k (0%)	03/26/2019 16:32
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	142 / 142 (0%)	03/25/2019 13:18
6	new	/mnt/CloudBackup_002.txt	208 / 8k (97%)	03/28/2019 16:15
7	new	/mnt/CloudBackup_001.txt	208 / 8k (97%)	03/28/2019 16:15
8	new	/mnt/CloudBackup_003.txt	208 / 8k (97%)	03/28/2019 16:15
9	new	/mnt/Configuration_Guide2016.docx	400 / 16k (97%)	03/28/2019 16:16
10	new	/mnt/Configuration_Guide2017.docx	400 / 16k (97%)	03/28/2019 16:16
11	new	/mnt/Configuration_Guide2018.docx	400 / 16k (97%)	03/28/2019 16:16

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1553761650657/Backup
#cat 2019-03-28-16-29-38.log

[2019/03/28 16:29:56] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/28 16:29:56] [cbs] [1553761710628] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 16:29:56] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/28 16:29:56] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/28 16:29:57] [info] [1553761710628] Start Backup ... [In-File
Delta: Differential]
[2019/03/28 16:29:57] [info] [1553761710628] Using Temporary Directory
/root/tmp/1553761650657/OBS@1553761710628
[2019/03/28 16:29:57] [cbs] [1553761710628] info,Using Temporary Directory
/root/tmp/1553761650657/OBS@1553761710628,0,0,0,,,
[2019/03/28 16:29:57] [info] [-] Start running pre-commands
[2019/03/28 16:29:57] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/28 16:29:57] [info] [-] Finished running pre-commands
[2019/03/28 16:29:57] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/28 16:29:57] [info] [1553761710628] Downloading server file list...
[2019/03/28 16:29:58] [info] [1553761710628] Downloading server file list...
Completed
[2019/03/28 16:29:59] [info] [1553761710628] Reading backup source from hard
disk...
[2019/03/28 16:29:59] [info] [1553761710628] Reading backup source from hard
disk... Completed
```

```

[2019/03/28 16:29:59] [info] [1553761710628] [New Directory]... /
[2019/03/28 16:29:59] [cbs] [1553761710628] new,/,260,260,1552974191000,,,D
[2019/03/28 16:29:59] [info] [1553761710628] [New Directory]... /mnt
[2019/03/28 16:29:59] [cbs] [1553761710628]
new,/mnt,4096,4096,1553761058000,,,D
[2019/03/28 16:29:59] [info] [1553761710628] [New Directory]... /root
[2019/03/28 16:29:59] [cbs] [1553761710628]
new,/root,4096,4096,1553589172000,,,D
[2019/03/28 16:29:59] [info] [1553761710628] [New Directory]... /usr
[2019/03/28 16:29:59] [cbs] [1553761710628]
new,/usr,155,155,1487122181000,,,D
[2019/03/28 16:29:59] [info] [1553761710628] [New Directory]... /usr/local
[2019/03/28 16:29:59] [cbs] [1553761710628]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/28 16:30:00] [info] [1553761710628] [New File]... 100% of
"/mnt/CloudBackup_002.txt"
[2019/03/28 16:30:00] [info] [1553761710628] [New File]... 100% of
"/mnt/CloudBackup_001.txt"
[2019/03/28 16:30:00] [cbs] [1553761710628]
new,/mnt/CloudBackup_002.txt,208,8219,1553760909000,,,F
[2019/03/28 16:30:00] [cbs] [1553761710628]
new,/mnt/CloudBackup_001.txt,208,8219,1553760909000,,,F
[2019/03/28 16:30:00] [info] [1553761710628] [New File]... 100% of
"/mnt/CloudBackup_003.txt"
[2019/03/28 16:30:00] [cbs] [1553761710628]
new,/mnt/CloudBackup_003.txt,208,8219,1553760909000,,,F
[2019/03/28 16:30:00] [info] [1553761710628] [New File]... 100% of
"/mnt/Configuration_Guide2016.docx"
[2019/03/28 16:30:00] [cbs] [1553761710628]
new,/mnt/Configuration_Guide2016.docx,400,16440,1553761012000,,,F
[2019/03/28 16:30:00] [info] [1553761710628] [New File]... 100% of
"/mnt/Configuration_Guide2017.docx"
[2019/03/28 16:30:00] [info] [1553761710628] [New File]... 100% of
"/mnt/Configuration_Guide2018.docx"
[2019/03/28 16:30:00] [cbs] [1553761710628]
new,/mnt/Configuration_Guide2017.docx,400,16440,1553761012000,,,F
[2019/03/28 16:30:00] [cbs] [1553761710628]
new,/mnt/Configuration_Guide2018.docx,400,16440,1553761012000,,,F
[2019/03/28 16:30:01] [info] [1553761710628] Total New Files = 6
[2019/03/28 16:30:01] [info] [1553761710628] Total New Directories = 5
[2019/03/28 16:30:01] [info] [1553761710628] Total New Links = 0
[2019/03/28 16:30:01] [info] [1553761710628] Total Updated Files = 0
[2019/03/28 16:30:01] [info] [1553761710628] Total Deleted Files = 0
[2019/03/28 16:30:01] [info] [1553761710628] Total Deleted Directories = 0
[2019/03/28 16:30:01] [info] [1553761710628] Total Deleted Links = 0
[2019/03/28 16:30:01] [info] [1553761710628] Total Moved Files = 0
[2019/03/28 16:30:01] [info] [1553761710628] Saving encrypted backup file
index to 1553761650657/blocks at destination AhsayCBS...
[2019/03/28 16:30:02] [info] [1553761710628] Saving encrypted backup file
index to 1553761650657/blocks/2019-03-28-16-29-38 at destination AhsayCBS...
[2019/03/28 16:30:02] [info] [-] Start running post-commands
[2019/03/28 16:30:02] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 16:30:02] [info] [-] Finished running post-commands

```

```
[2019/03/28 16:30:02] [cbs] [-] info,Finished running post-commands,0,0,0,,  
[2019/03/28 16:30:05] [info] [1553761710628] Deleting temporary file  
/root/tmp/1553761650657/OBS@1553761710628  
[2019/03/28 16:30:05] [info] [1553761710628] Backup Completed Successfully  
[2019/03/28 16:30:05] [cbs] [1553761710628] end,BS_STOP_SUCCESS,0,0,0,,
```

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

<h3>Filter</h3> <p>Name</p> <input type="text" value="Filter that contains the word Backup Regular Expression"/> <hr/> <p>Matching pattern</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> Pattern <input type="checkbox"/></p> <p><input type="checkbox"/> <code>^.*Backup.*\$</code></p> <hr/> <p>For each of the matched files/folders under top directory</p> <p><input checked="" type="radio"/> Include them <input type="radio"/> Exclude them</p> <hr/> <p>Exclusion</p> <p><input checked="" type="checkbox"/> Exclude all unmatched files/folders</p> <hr/> <p>Match file/folder names by</p> <p><input type="radio"/> Simple comparison <input type="text" value="starts with"/></p> <p><input checked="" type="radio"/> Regular expression (UNIX-style)</p> <hr/> <p>How to Apply This Filter</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</p> <p><input type="text" value="/mnt"/></p> <p>Apply to</p> <p><input checked="" type="checkbox"/> File <input type="checkbox"/> Folder</p>	<p>Filter Name = Filter that contains the word Backup Regular Expression Matching Pattern = <code>^.*Backup.*\$</code> Filter Mode = Include Them Exclude all others = True Matching Type = Simple Comparison Starts With Apply To = File Directory = /mnt/backupfiles</p> <hr/> <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">1. CloudBackup_001.txt2. CloudBackup_002.txt3. CloudBackup_003.txt <p>Total New Directories = 5</p> <ol style="list-style-type: none">1. /2. /mnt3. /root4. /usr5. /usr/local
--	--

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: true][Name: Filter that contains the word Backup Regular Expression, Type: Custom, Top Directory: /mnt, Include: Yes, Exclude all unmat ched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [.*Backup.*\$]]
Backup Schedule	[Computer Name:][Daily:][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: D, Block Size: -1, Minimum Size = 2621400, Maximum No. of Delta = 100, Delta Ratio = 50, Weekly: [], Monthly: [Da y: 0, Criteria: Friday, Day of selected months in yearly variations: First]
Retention Policy	[Type: Simple, Period: 7, Unit: Day(s)]
Command Line Tool	
Reminder	Logout Backup Reminder: , Off-line Backup Reminder: , Off-line Notification Day: 1 Days 0 hours
Bandwidth Control	[Enabled: No, Mode: Share, Bandwidth Control:]
Others	Remove temporary files after backup: Yes, Follow Link: Yes, Volume Shadow Copy: Yes, File Permissions: No, Compression Type: Fast (Compressed siz e larger than normal)

Backup Files				
No.	Type	Dirs/Files	Size	Last Modified
1	new	/	260 / 260 (0%)	03/19/2019 13:43
2	new	/mnt	4k / 4k (0%)	03/28/2019 16:17
3	new	/usr	155 / 155 (0%)	02/15/2017 09:29
4	new	/root	4k / 4k (0%)	03/26/2019 16:32
5	new	/usr/local	142 / 142 (0%)	03/25/2019 13:18
6	new	/mnt/CloudBackup_002.txt	208 / 8k (97%)	03/28/2019 16:15
7	new	/mnt/CloudBackup_001.txt	208 / 8k (97%)	03/28/2019 16:15
8	new	/mnt/CloudBackup_003.txt	208 / 8k (97%)	03/28/2019 16:15

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1553761787740/Backup
#cat 2019-03-28-16-36-59.log

[2019/03/28 16:37:18] [info] [-] Start [ Linux 3.10.0-514.10.2.el7.x86_64
(centos7), AhsayOBM v8.1.0.95 ]
[2019/03/28 16:37:18] [cbs] [1553762165503] start,"Start [ Linux 3.10.0-
514.10.2.el7.x86_64 (centos7), AhsayOBM v8.1.0.95 ]",0,0,0,,,
[2019/03/28 16:37:18] [info] [-] Saving encrypted backup set encryption keys
to server...
[2019/03/28 16:37:18] [cbs] [-] info,Saving encrypted backup set encryption
keys to server...,0,0,0,,,
[2019/03/28 16:37:19] [info] [1553762165503] Start Backup ... [In-File
Delta: Differential]
[2019/03/28 16:37:19] [info] [1553762165503] Using Temporary Directory
/root/tmp/1553761787740/OBS@1553762165503
[2019/03/28 16:37:19] [cbs] [1553762165503] info,Using Temporary Directory
/root/tmp/1553761787740/OBS@1553762165503,0,0,0,,,
[2019/03/28 16:37:19] [info] [-] Start running pre-commands
[2019/03/28 16:37:19] [cbs] [-] info,Start running pre-commands,0,0,0,,,
[2019/03/28 16:37:19] [info] [-] Finished running pre-commands
[2019/03/28 16:37:19] [cbs] [-] info,Finished running pre-commands,0,0,0,,,
[2019/03/28 16:37:19] [info] [1553762165503] Downloading server file list...
[2019/03/28 16:37:20] [info] [1553762165503] Downloading server file list...
Completed
[2019/03/28 16:37:21] [info] [1553762165503] Reading backup source from hard
disk...
[2019/03/28 16:37:21] [info] [1553762165503] Reading backup source from hard
disk... Completed
[2019/03/28 16:37:21] [info] [1553762165503] [New Directory]... /
[2019/03/28 16:37:21] [cbs] [1553762165503] new,/,260,260,1552974191000,,,D
```

```

[2019/03/28 16:37:21] [info] [1553762165503] [New Directory]... /mnt
[2019/03/28 16:37:21] [cbs] [1553762165503]
new,/mnt,4096,4096,1553761058000,,,D
[2019/03/28 16:37:21] [info] [1553762165503] [New Directory]... /usr
[2019/03/28 16:37:21] [cbs] [1553762165503]
new,/usr,155,155,1487122181000,,,D
[2019/03/28 16:37:21] [info] [1553762165503] [New Directory]... /root
[2019/03/28 16:37:21] [cbs] [1553762165503]
new,/root,4096,4096,1553589172000,,,D
[2019/03/28 16:37:21] [info] [1553762165503] [New Directory]... /usr/local
[2019/03/28 16:37:21] [cbs] [1553762165503]
new,/usr/local,142,142,1553491132000,,,D
[2019/03/28 16:37:21] [info] [1553762165503] [New File]... 100% of
"/mnt/CloudBackup_002.txt"
[2019/03/28 16:37:21] [cbs] [1553762165503]
new,/mnt/CloudBackup_002.txt,208,8219,1553760909000,,,F
[2019/03/28 16:37:21] [info] [1553762165503] [New File]... 100% of
"/mnt/CloudBackup_001.txt"
[2019/03/28 16:37:21] [cbs] [1553762165503]
new,/mnt/CloudBackup_001.txt,208,8219,1553760909000,,,F
[2019/03/28 16:37:21] [info] [1553762165503] [New File]... 100% of
"/mnt/CloudBackup_003.txt"
[2019/03/28 16:37:21] [cbs] [1553762165503]
new,/mnt/CloudBackup_003.txt,208,8219,1553760909000,,,F
[2019/03/28 16:37:22] [info] [1553762165503] Total New Files = 3
[2019/03/28 16:37:22] [info] [1553762165503] Total New Directories = 5
[2019/03/28 16:37:22] [info] [1553762165503] Total New Links = 0
[2019/03/28 16:37:22] [info] [1553762165503] Total Updated Files = 0
[2019/03/28 16:37:22] [info] [1553762165503] Total Deleted Files = 0
[2019/03/28 16:37:22] [info] [1553762165503] Total Deleted Directories = 0
[2019/03/28 16:37:22] [info] [1553762165503] Total Deleted Links = 0
[2019/03/28 16:37:22] [info] [1553762165503] Total Moved Files = 0
[2019/03/28 16:37:23] [info] [1553762165503] Saving encrypted backup file
index to 1553761787740/blocks at destination AhsayCBS...
[2019/03/28 16:37:23] [info] [1553762165503] Saving encrypted backup file
index to 1553761787740/blocks/2019-03-28-16-36-59 at destination AhsayCBS...
[2019/03/28 16:37:24] [info] [-] Start running post-commands
[2019/03/28 16:37:24] [cbs] [-] info,Start running post-commands,0,0,0,,,
[2019/03/28 16:37:24] [info] [-] Finished running post-commands
[2019/03/28 16:37:24] [cbs] [-] info,Finished running post-commands,0,0,0,,,
[2019/03/28 16:37:27] [info] [1553762165503] Deleting temporary file
/root/tmp/1553761787740/OBS@1553762165503
[2019/03/28 16:37:27] [info] [1553762165503] Backup Completed Successfully
[2019/03/28 16:37:27] [cbs] [1553762165503] 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