Ahsay Online Backup Manager v7

Backup Source File Filter Guide

Ahsay Systems Corporation Limited

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Revision History

Date	Descriptions	Type of modification
13 November 2018	First Draft	New
3 December 2018	Updated about filtering for Ch 1; Added filter setup for Ch 2; Added limitations of using filters for Ch 3; Added managing filters for linux for Ch 5; Added create a backup set with filter for Ch 5.1; Added edit existing backup set to add filter for Ch 5.2; Added check the report and log via AhsayCBS Web Console and Command Line Interface (CLI) for Ch 5.3; Updated appendix a examples using simple for windows for Ch 6.1.1; Added appendix a.1 example using simple comparison for linux for Ch 6.1.2; Updated appendix a examples using simple for windows for Ch 6.2.1; Added appendix b.2 for linux for Ch 6.2.2; Updated appendix c filtering in network drives on Windows for Ch 6.3; Added appendix d filtering in Windows shared folder on linux for Ch 6.4	New / Modification

Table of Contents

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 of 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:

  o The **/root/temp** is just a sample for reference purposes only. This will depend on your actual temporary folder path.

  o 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	
• **Include Them**	This will include all the directories, files, and folders that matches the specified pattern/s.
• **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).
• **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
• **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.
• **All hard disk drives**	Apply the specified filtering pattern to all available hard disk drives.
• **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
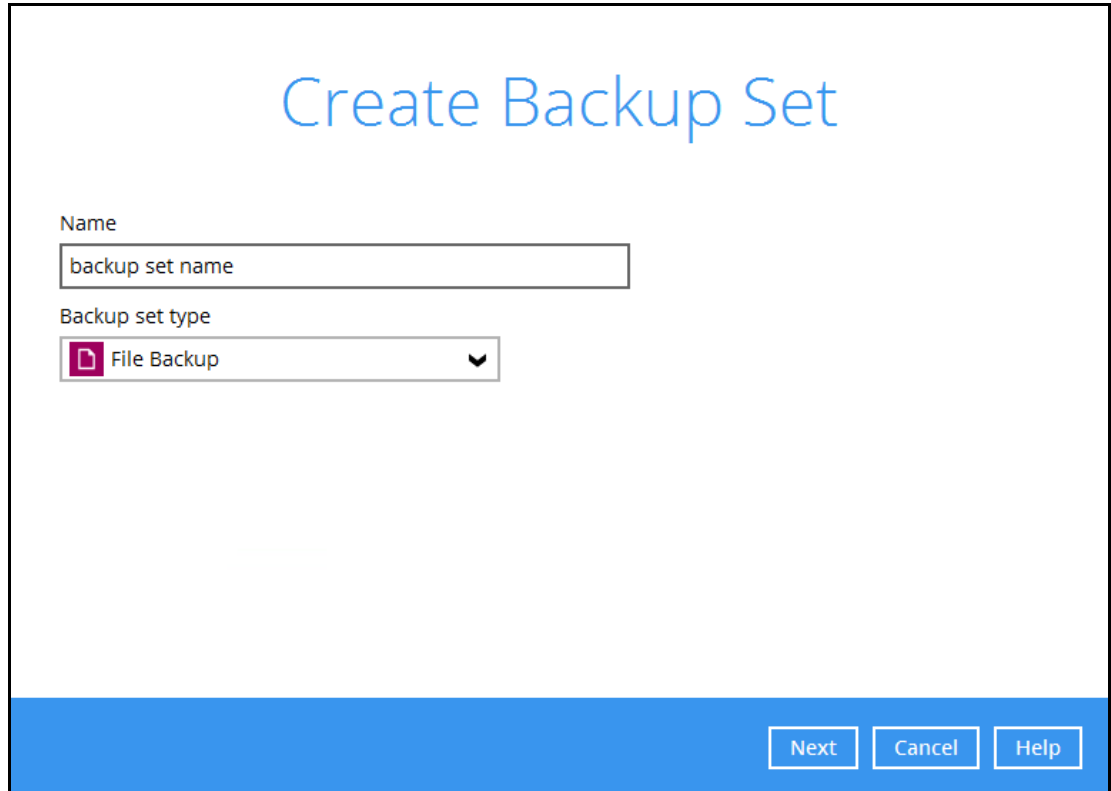
1. Go to **Backup Sets**.

2. Click the Add button.
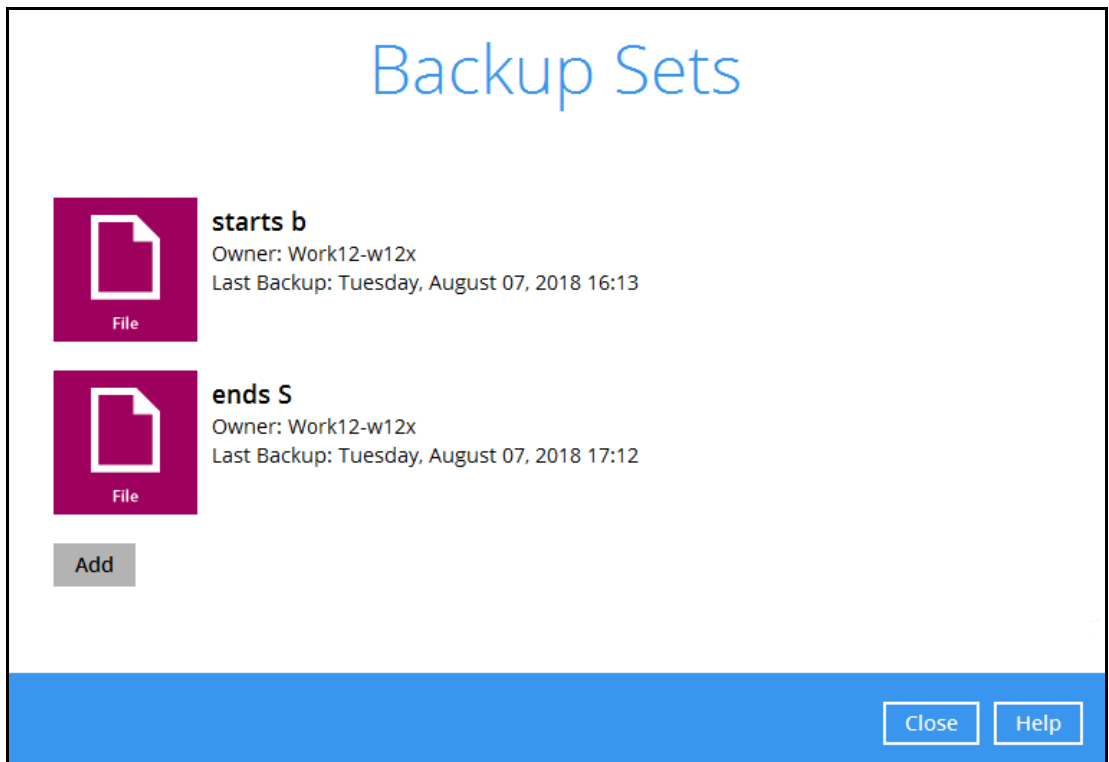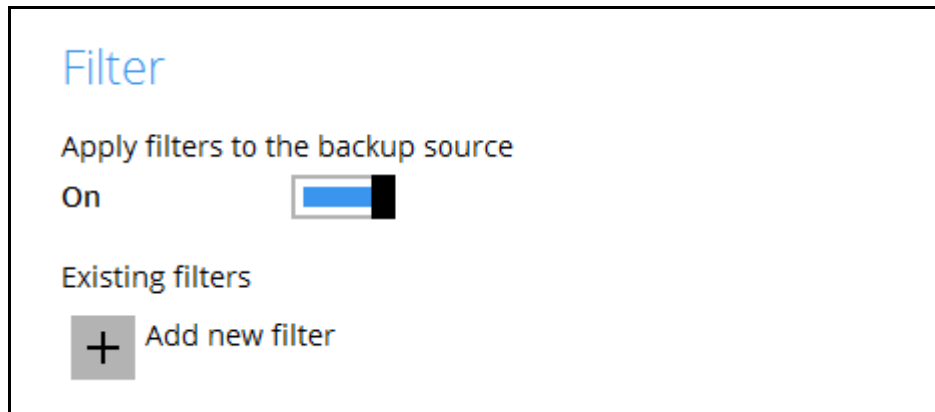
3. Specify a backup set name and select the type. Click Next.
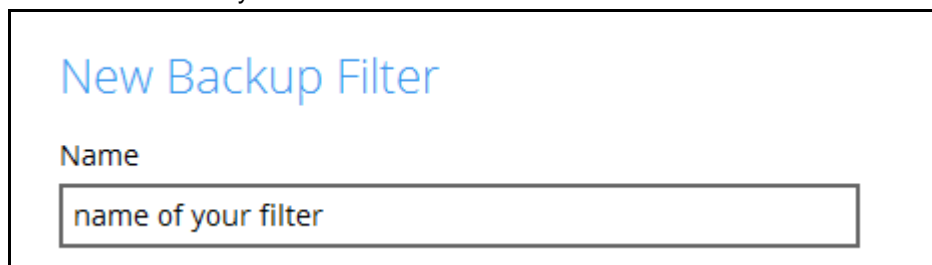
4. In the Filter part, slide the lever to the right to add a filter. Click the Add new filter button.

5. Enter the name for your filter.

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

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

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

Note: Please see examples to further understand how the filtering works.

For each of the matched files/folders under top directory
- ● Include them
- ○ Exclude them

☑ Exclude all unmatched files/folders

For each of the matched files/folders under top directory
- ○ Include them
- ● Exclude them

☑ Include all unmatched files/folders

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

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

- **contains**, files/folders that contains the pattern will be selected

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

*Note: The filter checks the whole filename including the filename extension. For example, you have a document with filename 'employees' so if **ends with s** is your filter then this file will not be included in the backup since its whole filename is 'employees.do**c**' or 'employees.doc**x**' with both files not ending in **s** but **c** and **x** respectively.*
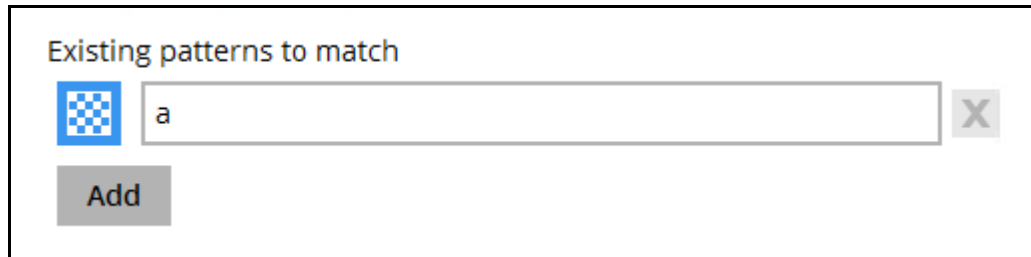
Match file/folder names by
- ● Simple comparison | ends with ⌄
- ○ Regular expression | starts with
- Existing patterns to ma | contains
-   ▦ | ends with

8. Specify the pattern then click the Add button. For example the letter a. Repeat adding patterns, until all the patterns has been added to this filter.
Note: *The pattern is case sensitive only in Regular Expression.*
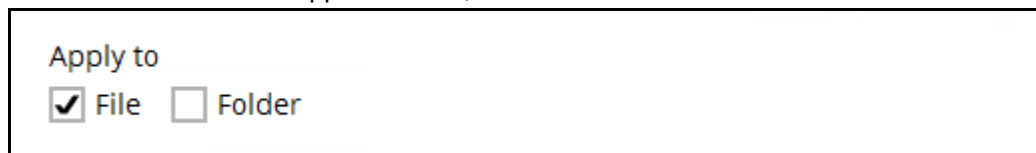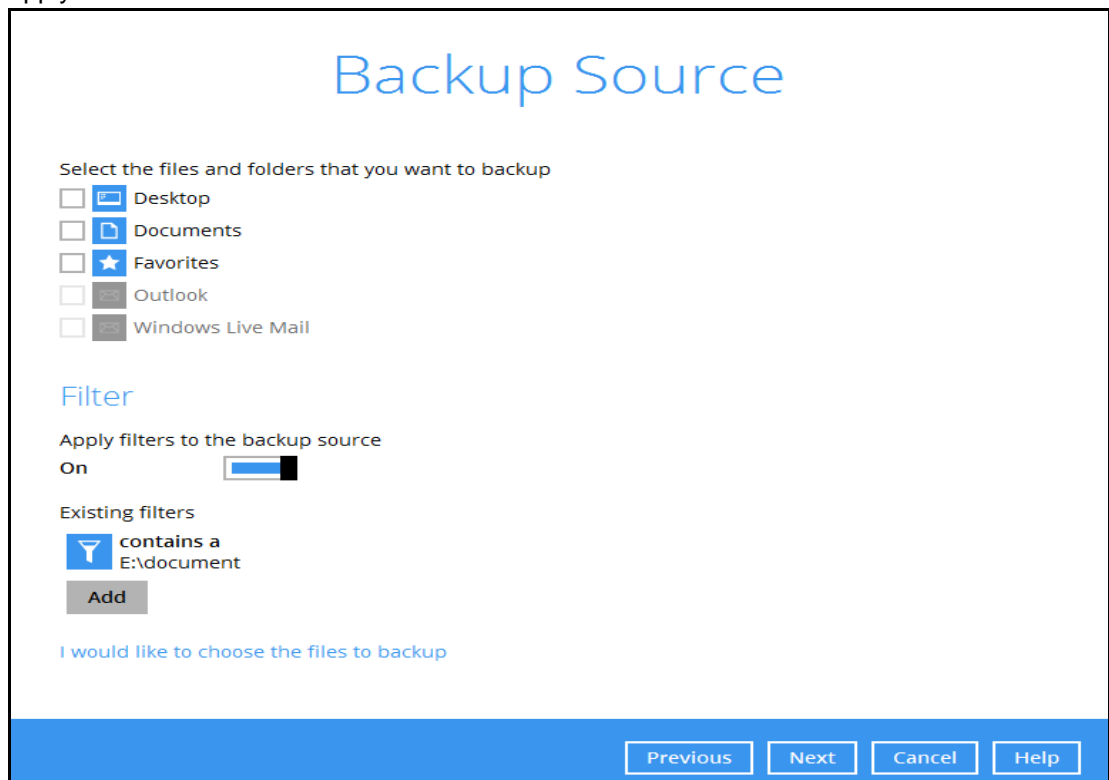
9. Choose how the filter will be applied, whether in **All hard disk drives** or for **This folder only**. If for this folder only, specify the folder name.

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

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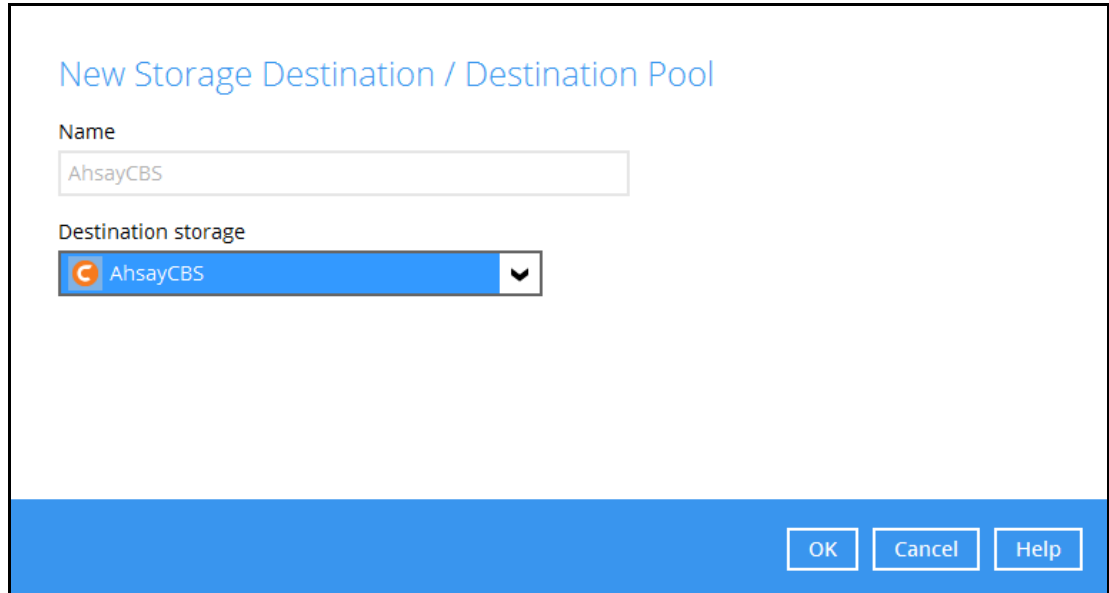
12. Slide the lever to the right if you want to create a backup schedule. Click Next.

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

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

New Storage Destination / Destination Pool

Name
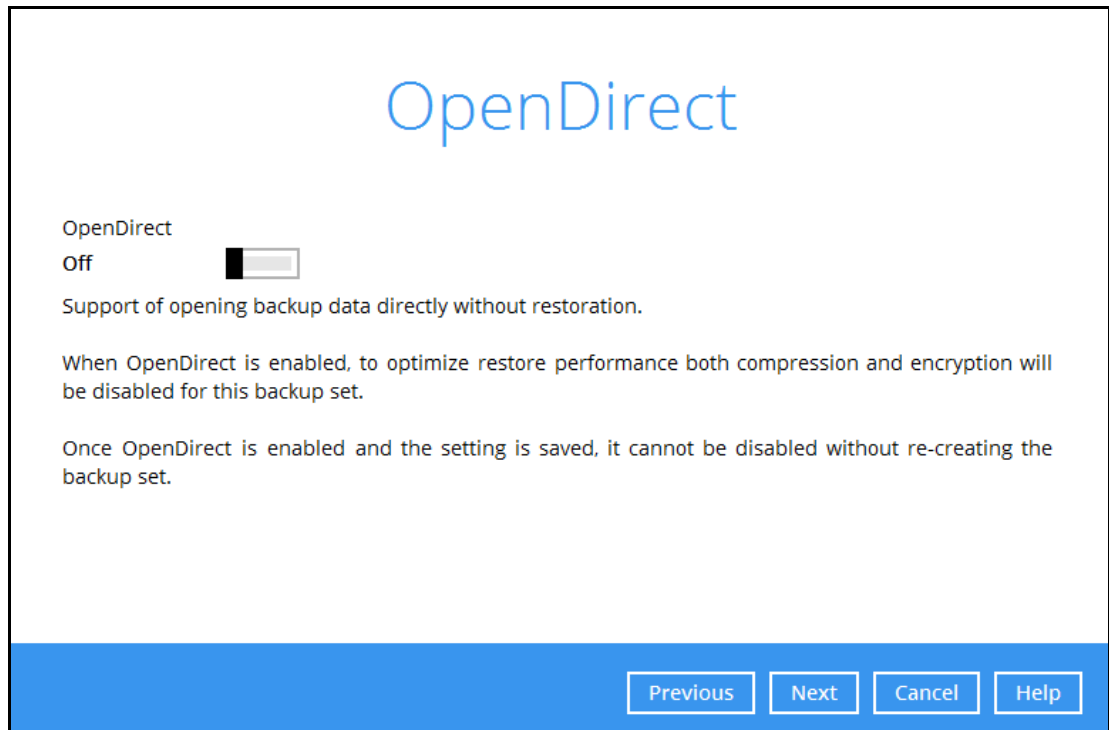
AhsayCBS

Destination storage

C AhsayCBS

OK   Cancel   Help

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

OpenDirect

OpenDirect

Off
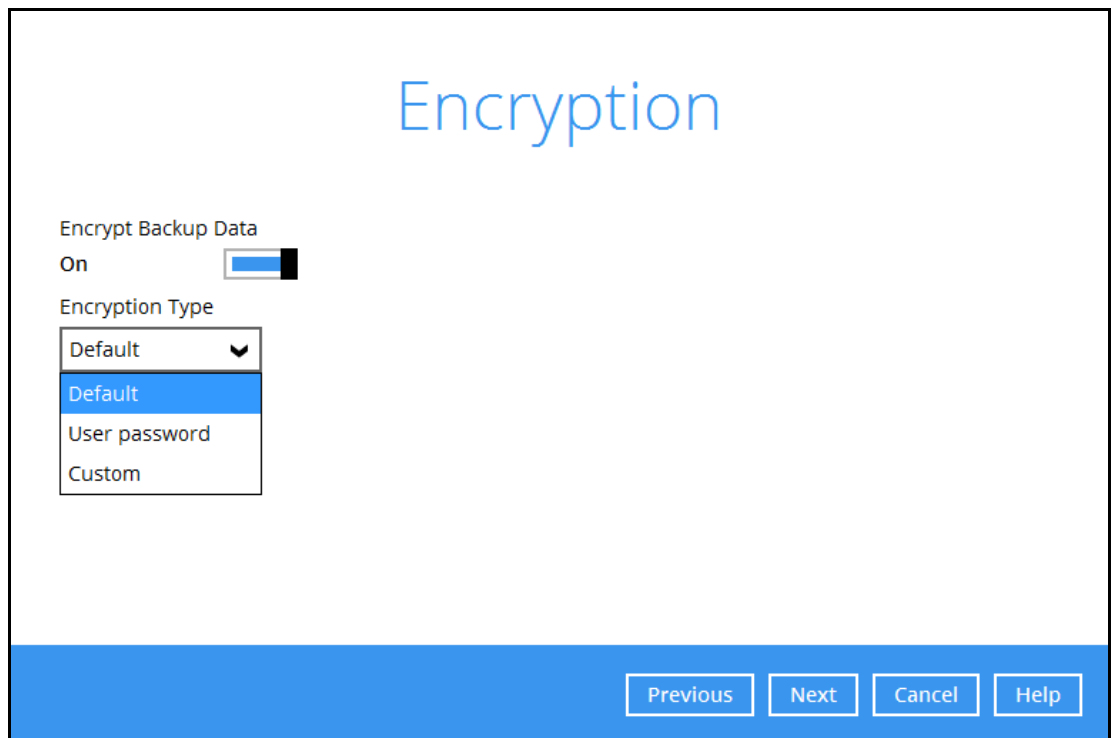
Support of opening backup data directly without restoration.

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

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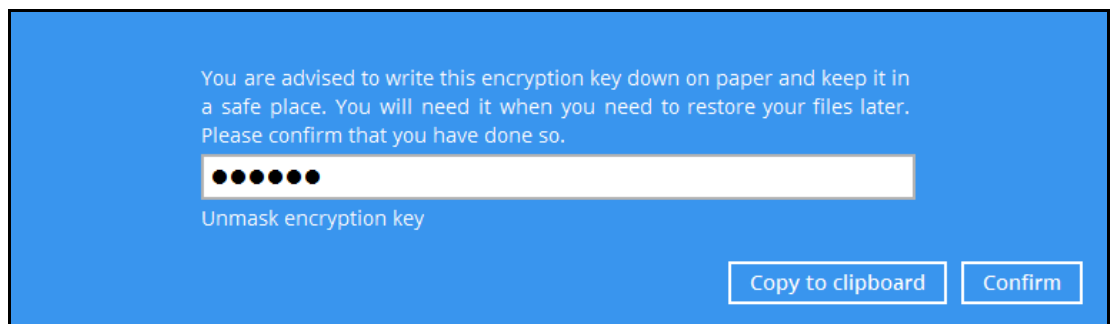
Previous   Next   Cancel   Help

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

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

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

Congratulations!

"BackupSet-1" is successfully created.

Backup now   Close
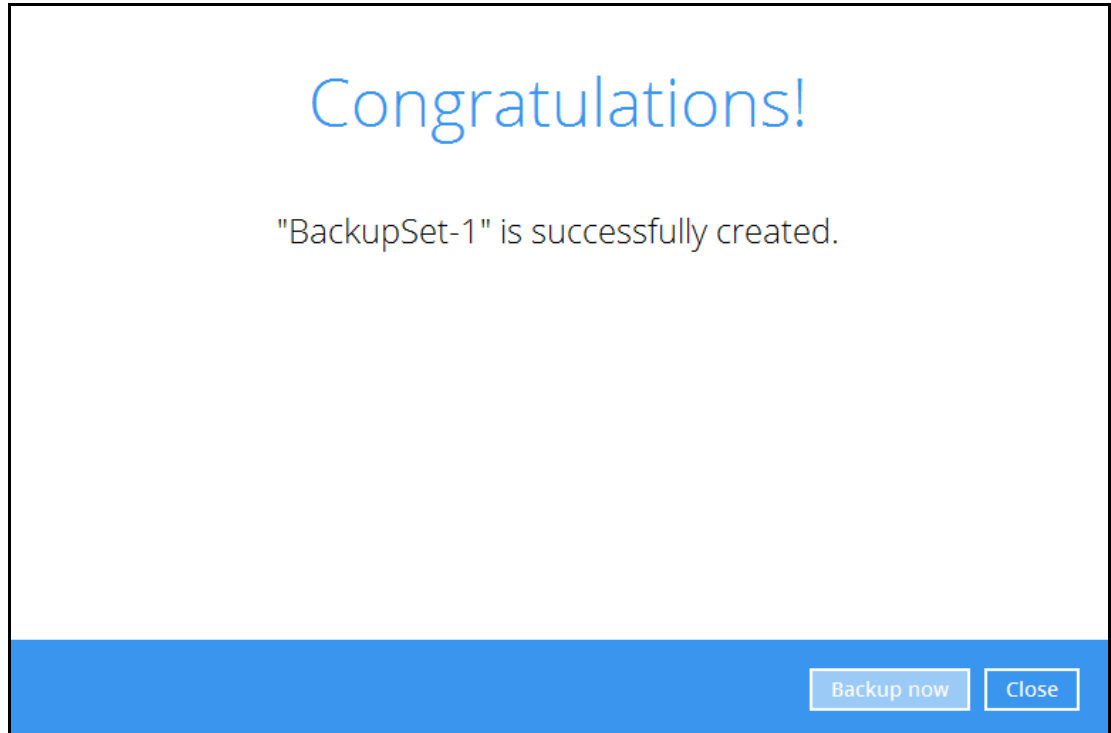
4.2 Edit existing backup set to add filter

1. Go to **Backup Sets**.
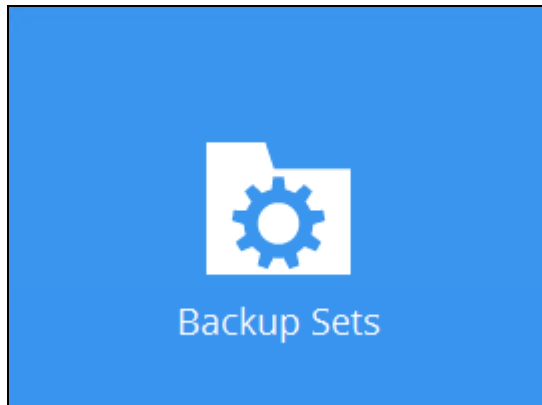
2. Select the backup set you want to add a filter.
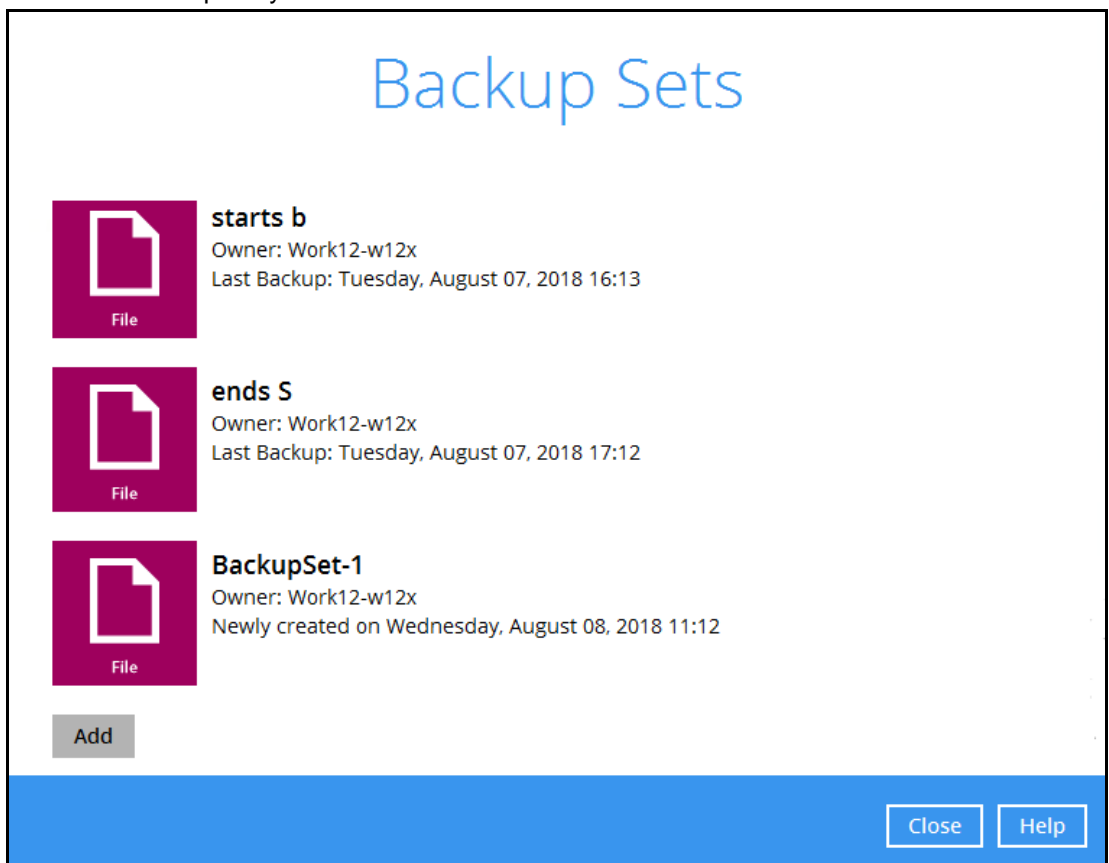
3. Go to **Source** then slide the lever to the right under **Filter**. Click the Add button.
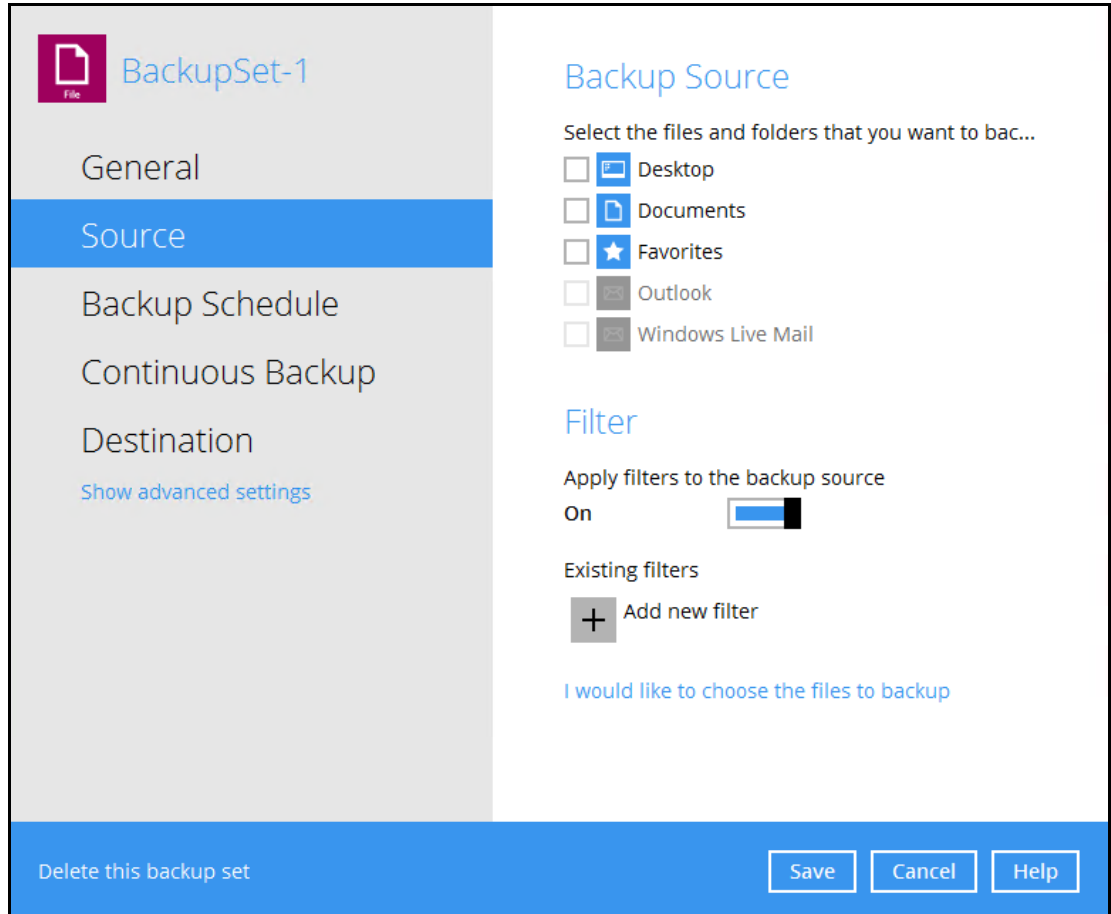
4. Then follow Steps 5-10 on how to create the filter which was discussed in the previous section.

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**.
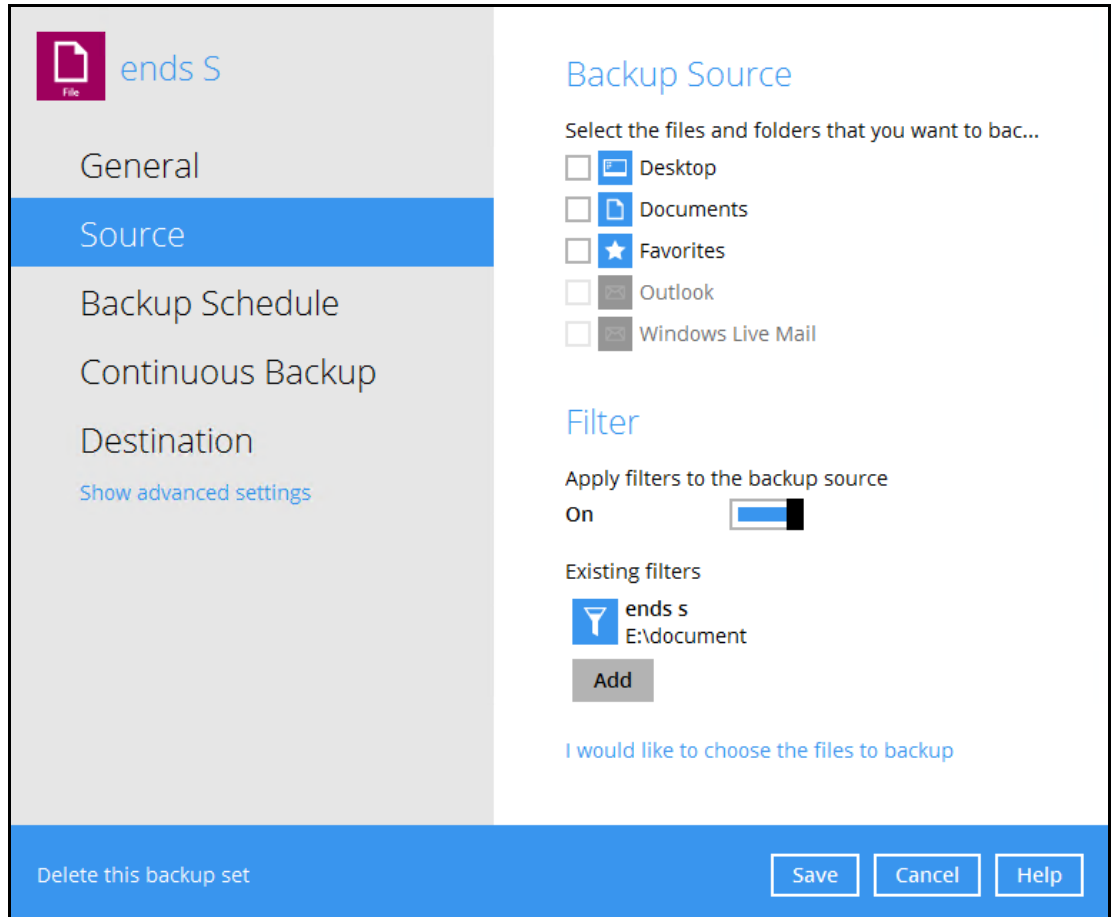
2. Click **Show files**, you can check here if the files that will be included in the backup is correct. Files that matches the filter criteria are greyed out.
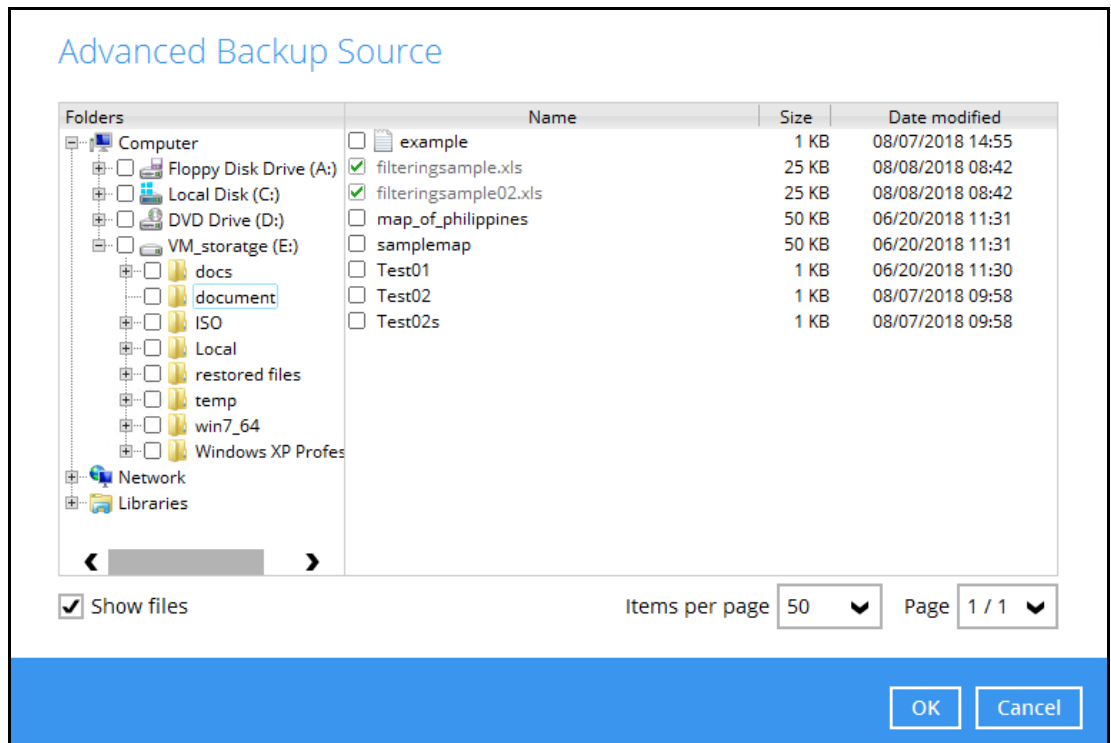
Note: Only files not included in the filter may be added for backup. Once filter is applied to a file it cannot be changed. You will see a message like the one below if you try to check/uncheck a filtered file.
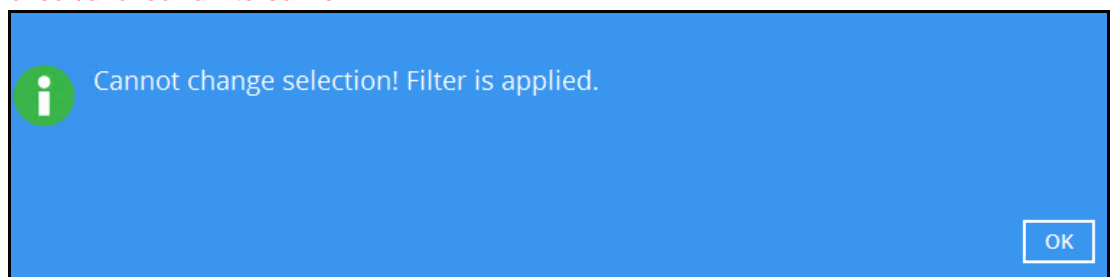
4.4 Filtering in Continuous Backup

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.
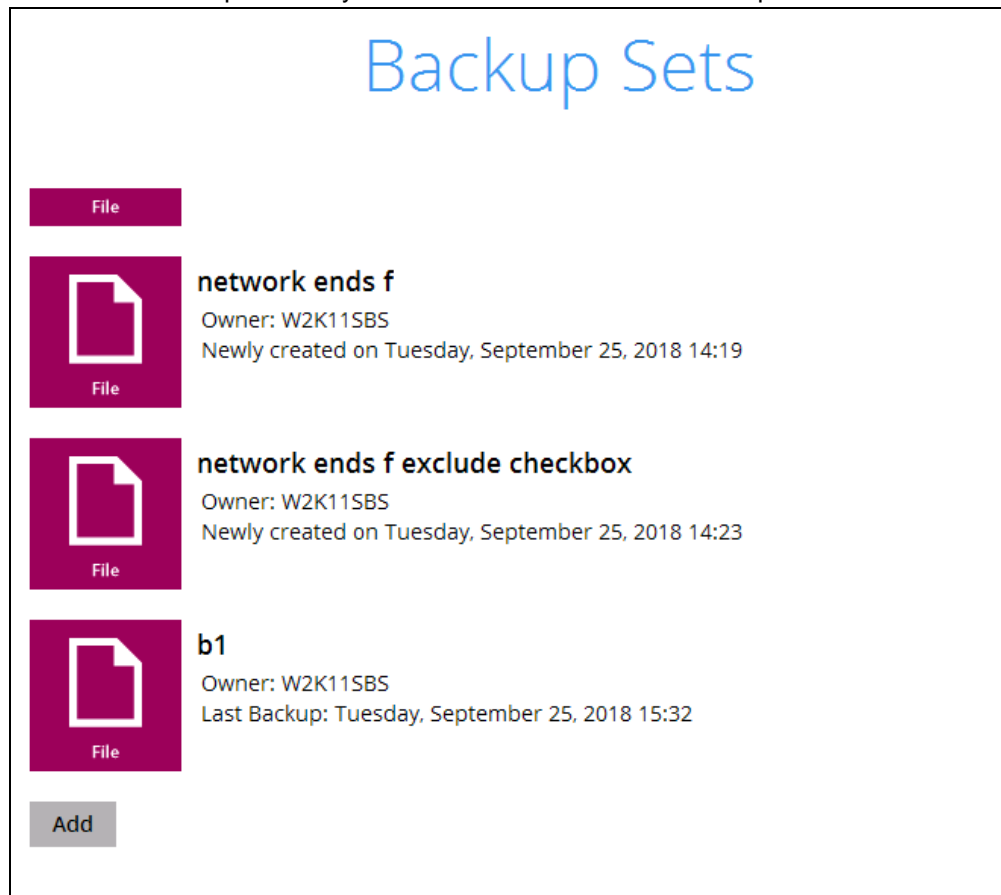
2. Go to **Continuous Backup** and slide the lever to the right to turn it on.
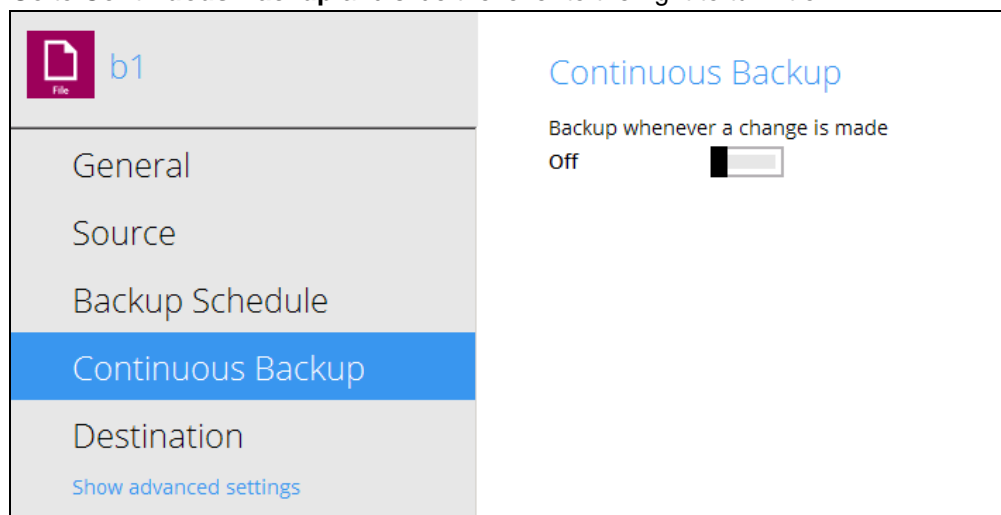
3. Check the box if you do not want to backup files defined as system files which is enabled by default. Please refer to [Appendix D](#) for a list of system files that will be excluded from the backup. Set how often backup will run in minutes/hours. Also specify the size limit of the file that will 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

| 4096 ▾ | 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

Filter-1

Match file/folder names by

⦿ Simple comparison | ends with ▼

◯ Regular expression (UNIX-style)

Existing patterns to match

[▨] [_____] X

Add

Apply this filter to all files/folders in

⦿ All selected sources

◯ This folder only

[_____] Change

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**, f**older** of both.

5 Managing filter for Linux/ FreeBSD OS

5.1 Create a backup set with filter

1. Login to AhsayCBS Web Console using a valid credentials.

2. On the main screen, under Backup / Restore, go to **User**.
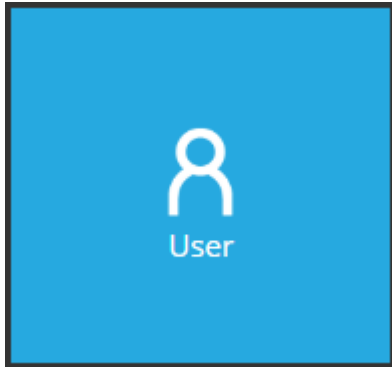
3. Select the **Backup Set** located on the left side of the screen then click the plus sign (+) to add a new backup set.
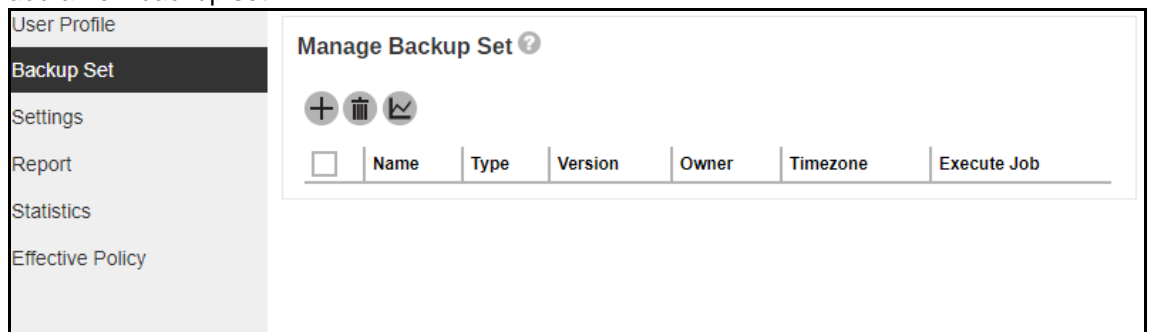
4. Enter the name of the new backup set and select the backup set type from the dropdown box then click the next icon located at the bottom right corner of the screen to continue.

Add New Backup Set

General

Name

default-backup-set-name-1

Owner

Type

File Backup ▼

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

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

Other Selected Source

+ 🗑

	Path
☐	/root/Documents

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

Apply filters to the backup source

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

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

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 not just examples.

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

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

Inclusion

☐ Include all unmatched files/folders

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

Match file/folder names by

◉ Simple comparison | starts with ∨
○ Regular expression (UNIX-style)

Match file/folder names by

○ Simple comparison | starts with ∨
◉ Regular expression (UNIX-style)

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

How to Apply This Filter

Apply this filter to all files/folders in
○ All hard disk drives
◉ This folder only
   | 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 enabled. There is already a backup schedule created which is scheduled to run daily at 8pm.

Add New Backup Set

Run scheduled backup for this backup set

Manage schedule

➕ 🗑️

☐	Name	Type
☐	Backup Schedule	Daily

Run scheduled backup on computers named

`*`

Backup Schedule

Details

Name

`Backup Schedule`

Type

`Daily ▼`

Start backup at

`20 ▼` : `00 ▼`

Stop

`until full backup completed ▼`

☑ Run Retention Policy after backup

---

15. 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

➕ ✖ ❓

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

Add New Backup Set

Destination

Backup Mode

Sequential ▼
Concurrent
Sequential

Predefined Destination

➕ 🗑

☐ | Name

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

Add a Predefined Destination set by your backup service provider by clicking in the middle of the screen

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

19. This the newly created backup set.

	Name	Type	Version	Owner	Execute Job
☐	default-backup-set-name-1	🗋	--	--	--

User Profile
Backup Set
Settings
Report
Statistics
Effective Policy

Manage Backup Set ❓

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**.
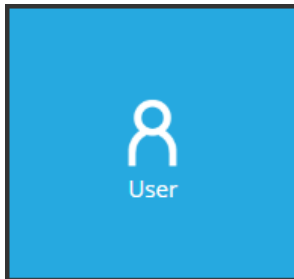
3. Click the **Backup Set** located on the left side of the screen.

4. Select and manage one of the created backup sets by double clicking the desired item.

5. Follow the steps 6 to 13 which are discussed from <u>Ch 5.1 Create a backup set with filter</u>, pages 20 to 22.

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.

   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 | X |

   [Add]

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

   | C:\document | [Change] |

   Apply to
   ✔ File   ☐ Folder

   The result is:

   Advanced Backup Source

Folders	Name
⊟ 🖥 This PC	☑ example.doc
⊕ ☐ 💾 OS (C:) ⌃	☑ filteringsample.xls
⊕ ☐ 📁 Apps	☑ filteringsample02.xls
⊕ ☐ 📁 Brother	☑ map_of_philippines.JPG
⊕ ☐ 📁 Dell	☑ samplemap.JPG
☐ 📁 document	☐ Test01.txt
⊕ ☐ 📁 Drivers	☐ Test02.txt
⊕ ☐ 📁 Intel	☐ Test02s.txt

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: C:\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: [, 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12
3	new	C:\document\example.txt	16 / 9 (0%)	11/07/2018 15:12
4	new	C:\document\filteringsample.xls	25k / 25k (0%)	08/08/2018 08:42
5	new	C:\document\filteringsample02.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	C:\document\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
7	new	C:\document\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

Backup Log:

```
[2018/11/23 09:38:53] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 09:38:53] [cbs] [1542937100648] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 09:38:53] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 09:38:53] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 09:38:55] [info] [1542937100648] Start Backup ...
[In-File Delta: Full]
[2018/11/23 09:38:55] [info] [1542937100648] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542936965374\OBS@1542937100648
[2018/11/23 09:38:55] [cbs] [1542937100648] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542936965374\OBS@1542937100648,0,0,0,,,
[2018/11/23 09:38:55] [info] [-] Start running pre-commands
[2018/11/23 09:38:55] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 09:38:55] [info] [-] Finished running pre-commands
[2018/11/23 09:38:55] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 09:38:55] [info] [1542937100648] Downloading server
file list...
[2018/11/23 09:39:00] [info] [1542937100648] Downloading server
file list... Completed
[2018/11/23 09:39:02] [info] [1542937100648] Reading backup
source from hard disk...
[2018/11/23 09:39:02] [info] [1542937100648] Reading backup
source from hard disk... Completed
[2018/11/23 09:39:02] [info] [1542937100648] [New Directory]...
C:\
[2018/11/23 09:39:02] [cbs] [1542937100648]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 09:39:02] [info] [1542937100648] [New Directory]...
C:\document
[2018/11/23 09:39:02] [cbs] [1542937100648]
new,C:\document,4096,4096,1541574764232,,,D
```

```
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 100%
of "C:\document\example.txt"
[2018/11/23 09:39:02] [cbs] [1542937100648]
new,C:\document\example.txt,16,9,1541574752081,,,F
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 64% of
"C:\document\filteringsample.xls"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 96% of
"C:\document\filteringsample.xls"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 100%
of "C:\document\filteringsample.xls"
[2018/11/23 09:39:02] [cbs] [1542937100648]
new,C:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 64% of
"C:\document\filteringsample02.xls"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 96% of
"C:\document\filteringsample02.xls"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 100%
of "C:\document\filteringsample02.xls"
[2018/11/23 09:39:02] [cbs] [1542937100648]
new,C:\document\filteringsample02.xls,25616,25600,1533688940465,,
,F
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 10% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 21% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 31% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 41% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 51% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 61% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 72% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 82% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 92% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 100%
of "C:\document\map_of_philippines.JPG"
[2018/11/23 09:39:02] [cbs] [1542937100648]
new,C:\document\map_of_philippines.JPG,1442384,1442376,1518317885
164,,,F
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 10% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 21% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 31% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 41% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 51% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 61% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 72% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 82% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 92% of
"C:\document\samplemap.JPG"
[2018/11/23 09:39:02] [info] [1542937100648] [New File]... 100%
of "C:\document\samplemap.JPG"
```

```
[2018/11/23 09:39:02] [cbs] [1542937100648]
new,C:\document\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2018/11/23 09:39:07] [info] [1542937100648] Total New Files = 5
[2018/11/23 09:39:07] [info] [1542937100648] Total New
Directories = 2
[2018/11/23 09:39:07] [info] [1542937100648] Total New Links = 0
[2018/11/23 09:39:07] [info] [1542937100648] Total Updated Files
= 0
[2018/11/23 09:39:07] [info] [1542937100648] Total Attributes
Changed Files = 0
[2018/11/23 09:39:07] [info] [1542937100648] Total Deleted Files
= 0
[2018/11/23 09:39:07] [info] [1542937100648] Total Deleted
Directories = 0
[2018/11/23 09:39:07] [info] [1542937100648] Total Deleted Links
= 0
[2018/11/23 09:39:07] [info] [1542937100648] Total Moved Files =
0
[2018/11/23 09:39:08] [info] [1542937100648] Saving encrypted
backup file index to 1542936965374/blocks at destination
AhsayCBS...
[2018/11/23 09:39:13] [info] [1542937100648] Saving encrypted
backup file index to 1542936965374/blocks/2018-11-23-09-38-53 at
destination AhsayCBS...
[2018/11/23 09:39:14] [info] [-] Start running post-commands
[2018/11/23 09:39:14] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 09:39:14] [info] [-] Finished running post-commands
[2018/11/23 09:39:14] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 09:39:14] [info] [1542937100648] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542936965374\OBS@1542937100648
[2018/11/23 09:39:14] [info] [1542937100648] Backup Completed
Successfully
[2018/11/23 09:39:14] [cbs] [1542937100648]
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

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 | X

Add

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

C:\document | Change

Apply to
☑ File ☐ Folder

The result is:

Advanced Backup Source

Folders	Name
🖥 This PC	☑ example.doc
☐ 🖫 OS (C:)	☑ filteringsample.xls
⊞☐ 📁 Apps	☑ filteringsample02.xls
⊞☐ 📁 Brother	☑ map_of_philippines.JPG
⊞☐ 📁 Dell	☑ samplemap.JPG
☐ document	☐ Test01.txt
⊞☐ 📁 Drivers	☐ Test02.txt
⊞☐ 📁 Intel	☐ Test02s.txt

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: C:\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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12
3	new	C:\document\example.txt	16 / 9 (0%)	11/07/2018 15:12
4	new	C:\document\filteringsample.xls	25k / 25k (0%)	08/08/2018 08:42
5	new	C:\document\filteringsample02.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	C:\document\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
7	new	C:\document\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

Backup Log:

```
[2018/11/23 10:25:00] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 10:25:00] [cbs] [1542939886176] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 10:25:00] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 10:25:00] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 10:25:01] [info] [1542939886176] Start Backup ...
[In-File Delta: Full]
[2018/11/23 10:25:01] [info] [1542939886176] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542939800339\OBS@1542939886176
[2018/11/23 10:25:01] [cbs] [1542939886176] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542939800339\OBS@1542939886176,0,0,0,,,
[2018/11/23 10:25:01] [info] [-] Start running pre-commands
[2018/11/23 10:25:01] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 10:25:01] [info] [-] Finished running pre-commands
[2018/11/23 10:25:01] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 10:25:01] [info] [1542939886176] Downloading server
file list...
[2018/11/23 10:25:07] [info] [1542939886176] Downloading server
file list... Completed
[2018/11/23 10:25:08] [info] [1542939886176] Reading backup
source from hard disk...
[2018/11/23 10:25:08] [info] [1542939886176] Reading backup
source from hard disk... Completed
[2018/11/23 10:25:08] [info] [1542939886176] [New Directory]...
C:\
[2018/11/23 10:25:08] [cbs] [1542939886176]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 10:25:08] [info] [1542939886176] [New Directory]...
C:\document
[2018/11/23 10:25:08] [cbs] [1542939886176]
new,C:\document,4096,4096,1541574764232,,,D
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 100%
of "C:\document\example.txt"
[2018/11/23 10:25:08] [cbs] [1542939886176]
new,C:\document\example.txt,16,9,1541574752081,,,F
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 64% of
"C:\document\filteringsample.xls"
```

```
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 96% of
"C:\document\filteringsample.xls"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 100%
of "C:\document\filteringsample.xls"
[2018/11/23 10:25:08] [cbs] [1542939886176]
new,C:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 64% of
"C:\document\filteringsample02.xls"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 96% of
"C:\document\filteringsample02.xls"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 100%
of "C:\document\filteringsample02.xls"
[2018/11/23 10:25:08] [cbs] [1542939886176]
new,C:\document\filteringsample02.xls,25616,25600,1533688940465,,
,F
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 10% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 21% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 31% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 41% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 51% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 61% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 72% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 82% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 92% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 100%
of "C:\document\map_of_philippines.JPG"
[2018/11/23 10:25:08] [cbs] [1542939886176]
new,C:\document\map_of_philippines.JPG,1442384,1442376,1518317885
164,,,F
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 10% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 21% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 31% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 41% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 51% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 61% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 72% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 82% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 92% of
"C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [info] [1542939886176] [New File]... 100%
of "C:\document\samplemap.JPG"
[2018/11/23 10:25:08] [cbs] [1542939886176]
new,C:\document\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2018/11/23 10:25:13] [info] [1542939886176] Total New Files = 5
[2018/11/23 10:25:13] [info] [1542939886176] Total New
Directories = 2
[2018/11/23 10:25:13] [info] [1542939886176] Total New Links = 0
```

```
[2018/11/23 10:25:13] [info] [1542939886176] Total Updated Files
= 0
[2018/11/23 10:25:13] [info] [1542939886176] Total Attributes
Changed Files = 0
[2018/11/23 10:25:13] [info] [1542939886176] Total Deleted Files
= 0
[2018/11/23 10:25:13] [info] [1542939886176] Total Deleted
Directories = 0
[2018/11/23 10:25:13] [info] [1542939886176] Total Deleted Links
= 0
[2018/11/23 10:25:13] [info] [1542939886176] Total Moved Files =
0
[2018/11/23 10:25:14] [info] [1542939886176] Saving encrypted
backup file index to 1542939800339/blocks at destination
AhsayCBS...
[2018/11/23 10:25:19] [info] [1542939886176] Saving encrypted
backup file index to 1542939800339/blocks/2018-11-23-10-25-00 at
destination AhsayCBS...
[2018/11/23 10:25:20] [info] [-] Start running post-commands
[2018/11/23 10:25:20] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 10:25:20] [info] [-] Finished running post-commands
[2018/11/23 10:25:20] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 10:25:20] [info] [1542939886176] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542939800339\OBS@1542939886176
[2018/11/23 10:25:20] [info] [1542939886176] Backup Completed
Successfully
[2018/11/23 10:25:20] [cbs] [1542939886176]
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

`ends s`

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

▨ `s`   X

Add

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

`C:\document`   Change

Apply to
☑ File   ☐ Folder

The result is:

Advanced Backup Source

Folders	Name
⊟ 🖥 This PC	☑ example.doc
⊟ ☐ 🖴 OS (C:)	☐ filteringsample.xls
⊞ ☐ 📁 Apps	☐ filteringsample02.xls
⊞ ☐ 📁 Brother	☑ map_of_philippines.JPG
⊞ ☐ 📁 Dell	☑ samplemap.JPG
☐ document	☑ Test01.txt
⊞ ☐ 📁 Drivers	☑ Test02.txt
⊞ ☐ 📁 Intel	☑ Test02s.txt

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: C:\document, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply 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 = 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12
3	new	C:\document\Test01.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
4	new	C:\document\Test02.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
5	new	C:\document\Test02s.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
6	new	C:\document\example.txt	16 / 9 (0%)	11/07/2018 15:12
7	new	C:\document\map_of__philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
8	new	C:\document\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

Backup Log:

```
[2018/11/23 10:38:38] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 10:38:38] [cbs] [1542940703832] start,"Start [ Windows 10
(DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 10:38:38] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 10:38:38] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 10:38:39] [info] [1542940703832] Start Backup ... [In-
File Delta: Full]
[2018/11/23 10:38:39] [info] [1542940703832] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542940643155\OBS@1542940703832
[2018/11/23 10:38:39] [cbs] [1542940703832] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542940643155\OBS@1542940703832,0,0,0,,,
[2018/11/23 10:38:39] [info] [-] Start running pre-commands
[2018/11/23 10:38:39] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 10:38:39] [info] [-] Finished running pre-commands
[2018/11/23 10:38:39] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 10:38:39] [info] [1542940703832] Downloading server file
list...
[2018/11/23 10:38:44] [info] [1542940703832] Downloading server file
list... Completed
[2018/11/23 10:38:45] [info] [1542940703832] Reading backup source
from hard disk...
[2018/11/23 10:38:45] [info] [1542940703832] Reading backup source
from hard disk... Completed
[2018/11/23 10:38:46] [info] [1542940703832] [New Directory]... C:\
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 10:38:46] [info] [1542940703832] [New Directory]...
C:\document
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\document,4096,4096,1541574764232,,,D
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 10% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 21% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 31% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 41% of
"C:\document\Test01.txt"
```

```
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 52% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 62% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 72% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 83% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 93% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 100% of
"C:\document\Test01.txt"
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\document\Test01.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 10% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 21% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 31% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 41% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 52% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 62% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 72% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 83% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 93% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 100% of
"C:\document\Test02.txt"
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\document\Test02.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 10% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 21% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 31% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 41% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 52% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 62% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 72% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 83% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 93% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 100% of
"C:\document\Test02s.txt"
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\document\Test02s.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 100% of
"C:\document\example.txt"
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\document\example.txt,16,9,1541574752081,,,F
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 10% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 21% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 31% of
"C:\document\map_of_philippines.JPG"
```

```
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 41% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 51% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 61% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 72% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 82% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 92% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 100% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\document\map_of_philippines.JPG,1442384,1442376,1518317885164,
,,F
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 10% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 21% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 31% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 41% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 51% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 61% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 72% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 82% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 92% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [info] [1542940703832] [New File]... 100% of
"C:\document\samplemap.JPG"
[2018/11/23 10:38:46] [cbs] [1542940703832]
new,C:\document\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2018/11/23 10:38:56] [info] [1542940703832] Total New Files = 6
[2018/11/23 10:38:56] [info] [1542940703832] Total New Directories =
2
[2018/11/23 10:38:56] [info] [1542940703832] Total New Links = 0
[2018/11/23 10:38:56] [info] [1542940703832] Total Updated Files = 0
[2018/11/23 10:38:56] [info] [1542940703832] Total Attributes Changed
Files = 0
[2018/11/23 10:38:56] [info] [1542940703832] Total Deleted Files = 0
[2018/11/23 10:38:56] [info] [1542940703832] Total Deleted
Directories = 0
[2018/11/23 10:38:56] [info] [1542940703832] Total Deleted Links = 0
[2018/11/23 10:38:56] [info] [1542940703832] Total Moved Files = 0
[2018/11/23 10:38:57] [info] [1542940703832] Saving encrypted backup
file index to 1542940643155/blocks at destination AhsayCBS...
[2018/11/23 10:39:02] [info] [1542940703832] Saving encrypted backup
file index to 1542940643155/blocks/2018-11-23-10-38-38 at destination
AhsayCBS...
[2018/11/23 10:39:03] [info] [-] Start running post-commands
[2018/11/23 10:39:03] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 10:39:03] [info] [-] Finished running post-commands
[2018/11/23 10:39:03] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 10:39:03] [info] [1542940703832] Deleting temporary file
C:\Users\Ahsay-PC-07\.obm\temp\1542940643155\OBS@1542940703832
[2018/11/23 10:39:03] [info] [1542940703832] Backup Completed
Successfully
[2018/11/23 10:39:03] [cbs] [1542940703832]
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.

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: C:\document, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply 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 = 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

Backup Log:

```
[2018/11/23 10:45:31] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 10:45:31] [cbs] [1542941118464] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 10:45:31] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 10:45:31] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 10:45:32] [info] [1542941118464] Start Backup ...
[In-File Delta: Full]
[2018/11/23 10:45:32] [info] [1542941118464] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941088866\OBS@1542941118464
[2018/11/23 10:45:32] [cbs] [1542941118464] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941088866\OBS@1542941118464,0,0,0,,,
[2018/11/23 10:45:32] [info] [-] Start running pre-commands
[2018/11/23 10:45:32] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 10:45:32] [info] [-] Finished running pre-commands
[2018/11/23 10:45:32] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 10:45:32] [info] [1542941118464] Downloading server
file list...
[2018/11/23 10:45:37] [info] [1542941118464] Downloading server
file list... Completed
[2018/11/23 10:45:38] [info] [1542941118464] Reading backup
source from hard disk...
[2018/11/23 10:45:38] [info] [1542941118464] Reading backup
source from hard disk... Completed
[2018/11/23 10:45:39] [info] [1542941118464] Total New Files = 0
[2018/11/23 10:45:39] [info] [1542941118464] Total New
Directories = 0
[2018/11/23 10:45:39] [info] [1542941118464] Total New Links = 0
[2018/11/23 10:45:39] [info] [1542941118464] Total Updated Files
= 0
[2018/11/23 10:45:39] [info] [1542941118464] Total Attributes
Changed Files = 0
[2018/11/23 10:45:39] [info] [1542941118464] Total Deleted Files
= 0
[2018/11/23 10:45:39] [info] [1542941118464] Total Deleted
Directories = 0
[2018/11/23 10:45:39] [info] [1542941118464] Total Deleted Links
= 0
[2018/11/23 10:45:39] [info] [1542941118464] Total Moved Files =
0
```

```
[2018/11/23 10:45:40] [info] [1542941118464] Saving encrypted
backup file index to 1542941088866/blocks at destination
AhsayCBS...
[2018/11/23 10:45:45] [info] [1542941118464] Saving encrypted
backup file index to 1542941088866/blocks/2018-11-23-10-45-31 at
destination AhsayCBS...
[2018/11/23 10:45:46] [info] [-] Start running post-commands
[2018/11/23 10:45:46] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 10:45:46] [info] [-] Finished running post-commands
[2018/11/23 10:45:46] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 10:45:46] [info] [1542941118464] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542941088866\OBS@1542941118464
[2018/11/23 10:45:46] [info] [1542941118464] Backup Completed
Successfully
[2018/11/23 10:45:46] [cbs] [1542941118464]
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.

The result is:

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: C:\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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12

Backup Log:

```
[2018/11/23 10:49:33] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 10:49:33] [cbs] [1542941359719] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 10:49:33] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 10:49:33] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 10:49:35] [info] [1542941359719] Start Backup ...
[In-File Delta: Full]
[2018/11/23 10:49:35] [info] [1542941359719] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941308751\OBS@1542941359719
[2018/11/23 10:49:35] [cbs] [1542941359719] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941308751\OBS@1542941359719,0,0,0,,,
[2018/11/23 10:49:35] [info] [-] Start running pre-commands
[2018/11/23 10:49:35] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 10:49:35] [info] [-] Finished running pre-commands
[2018/11/23 10:49:35] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 10:49:35] [info] [1542941359719] Downloading server
file list...
[2018/11/23 10:49:40] [info] [1542941359719] Downloading server
file list... Completed
[2018/11/23 10:49:41] [info] [1542941359719] Reading backup
source from hard disk...
[2018/11/23 10:49:41] [info] [1542941359719] Reading backup
source from hard disk... Completed
[2018/11/23 10:49:41] [info] [1542941359719] [New Directory]...
C:\
[2018/11/23 10:49:42] [cbs] [1542941359719]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 10:49:42] [info] [1542941359719] [New Directory]...
C:\document
[2018/11/23 10:49:42] [cbs] [1542941359719]
new,C:\document,4096,4096,1541574764232,,,D
[2018/11/23 10:49:43] [info] [1542941359719] Total New Files = 0
[2018/11/23 10:49:43] [info] [1542941359719] Total New
Directories = 2
[2018/11/23 10:49:43] [info] [1542941359719] Total New Links = 0
[2018/11/23 10:49:43] [info] [1542941359719] Total Updated Files
= 0
[2018/11/23 10:49:43] [info] [1542941359719] Total Attributes
Changed Files = 0
```

```
[2018/11/23 10:49:43] [info] [1542941359719] Total Deleted Files
= 0
[2018/11/23 10:49:43] [info] [1542941359719] Total Deleted
Directories = 0
[2018/11/23 10:49:43] [info] [1542941359719] Total Deleted Links
= 0
[2018/11/23 10:49:43] [info] [1542941359719] Total Moved Files =
0
[2018/11/23 10:49:43] [info] [1542941359719] Saving encrypted
backup file index to 1542941308751/blocks at destination
AhsayCBS...
[2018/11/23 10:49:48] [info] [1542941359719] Saving encrypted
backup file index to 1542941308751/blocks/2018-11-23-10-49-33 at
destination AhsayCBS...
[2018/11/23 10:49:49] [info] [-] Start running post-commands
[2018/11/23 10:49:49] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 10:49:49] [info] [-] Finished running post-commands
[2018/11/23 10:49:49] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 10:49:49] [info] [1542941359719] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542941308751\OBS@1542941359719
[2018/11/23 10:49:49] [info] [1542941359719] Backup Completed
Successfully
[2018/11/23 10:49:49] [cbs] [1542941359719]
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.

The result is:

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: C:\document, Include: No, Exclude all unmatched files/folders: Yes, 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12
3	new	C:\document\Test01.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
4	new	C:\document\Test02.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
5	new	C:\document\Test02s.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
6	new	C:\document\example.txt	16 / 9 (0%)	11/07/2018 15:12
7	new	C:\document\filteringsample.xls	25k / 25k (0%)	08/08/2018 08:42
8	new	C:\document\filteringsample02.xls	25k / 25k (0%)	08/08/2018 08:42
9	new	C:\document\map of philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
10	new	C:\document\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

Backup Log:

```
[2018/11/23 10:53:49] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 10:53:49] [cbs] [1542941615360] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 10:53:49] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 10:53:49] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 10:53:51] [info] [1542941615360] Start Backup ...
[In-File Delta: Full]
[2018/11/23 10:53:51] [info] [1542941615360] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941584443\OBS@1542941615360
[2018/11/23 10:53:51] [cbs] [1542941615360] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941584443\OBS@1542941615360,0,0,0,,,
[2018/11/23 10:53:51] [info] [-] Start running pre-commands
[2018/11/23 10:53:51] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 10:53:51] [info] [-] Finished running pre-commands
[2018/11/23 10:53:51] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 10:53:51] [info] [1542941615360] Downloading server
file list...
[2018/11/23 10:53:57] [info] [1542941615360] Downloading server
file list... Completed
[2018/11/23 10:53:58] [info] [1542941615360] Reading backup
source from hard disk...
[2018/11/23 10:53:58] [info] [1542941615360] Reading backup
source from hard disk... Completed
[2018/11/23 10:53:58] [info] [1542941615360] [New Directory]...
C:\
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 10:53:58] [info] [1542941615360] [New Directory]...
C:\document
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document,4096,4096,1541574764232,,,D
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 10% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 21% of
"C:\document\Test01.txt"
```

```
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 31% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 41% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 52% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 62% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 72% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 83% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 93% of
"C:\document\Test01.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 100%
of "C:\document\Test01.txt"
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document\Test01.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 10% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 21% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 31% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 41% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 52% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 62% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 72% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 83% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 93% of
"C:\document\Test02.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 100%
of "C:\document\Test02.txt"
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document\Test02.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 10% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 21% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 31% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 41% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 52% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 62% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 72% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 83% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 93% of
"C:\document\Test02s.txt"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 100%
of "C:\document\Test02s.txt"
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document\Test02s.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 100%
of "C:\document\example.txt"
```

```
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document\example.txt,16,9,1541574752081,,,F
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 64% of
"C:\document\filteringsample.xls"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 96% of
"C:\document\filteringsample.xls"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 100%
of "C:\document\filteringsample.xls"
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 64% of
"C:\document\filteringsample02.xls"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 96% of
"C:\document\filteringsample02.xls"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 100%
of "C:\document\filteringsample02.xls"
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document\filteringsample02.xls,25616,25600,1533688940465,,
,F
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 10% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 21% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 31% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 41% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 51% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 61% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 72% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 82% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 92% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [info] [1542941615360] [New File]... 100%
of "C:\document\map_of_philippines.JPG"
[2018/11/23 10:53:58] [cbs] [1542941615360]
new,C:\document\map_of_philippines.JPG,1442384,1442376,1518317885
164,,,F
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 10% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 21% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 31% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 41% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 51% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 61% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 72% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 82% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 92% of
"C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [info] [1542941615360] [New File]... 100%
of "C:\document\samplemap.JPG"
[2018/11/23 10:53:59] [cbs] [1542941615360]
new,C:\document\samplemap.JPG,1442384,1442376,1518317885164,,,F
```

```
[2018/11/23 10:54:29] [info] [1542941615360] Total New Files = 8
[2018/11/23 10:54:29] [info] [1542941615360] Total New
Directories = 2
[2018/11/23 10:54:29] [info] [1542941615360] Total New Links = 0
[2018/11/23 10:54:29] [info] [1542941615360] Total Updated Files
= 0
[2018/11/23 10:54:29] [info] [1542941615360] Total Attributes
Changed Files = 0
[2018/11/23 10:54:29] [info] [1542941615360] Total Deleted Files
= 0
[2018/11/23 10:54:29] [info] [1542941615360] Total Deleted
Directories = 0
[2018/11/23 10:54:29] [info] [1542941615360] Total Deleted Links
= 0
[2018/11/23 10:54:29] [info] [1542941615360] Total Moved Files =
0
[2018/11/23 10:54:29] [info] [1542941615360] Saving encrypted
backup file index to 1542941584443/blocks at destination
AhsayCBS...
[2018/11/23 10:54:36] [info] [1542941615360] Saving encrypted
backup file index to 1542941584443/blocks/2018-11-23-10-53-49 at
destination AhsayCBS...
[2018/11/23 10:54:37] [info] [-] Start running post-commands
[2018/11/23 10:54:37] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 10:54:37] [info] [-] Finished running post-commands
[2018/11/23 10:54:37] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 10:54:37] [info] [1542941615360] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542941584443\OBS@1542941615360
[2018/11/23 10:54:37] [info] [1542941615360] Backup Completed
Successfully
[2018/11/23 10:54:37] [cbs] [1542941615360]
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 result is:

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

Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: true][Name: starts t, Type: starts with, Top Directory: C:\document, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [t]][Name: ends t, Type: ends with, Top Directory: C:\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 = 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12
3	new	C:\document\Test01.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
4	new	C:\document\Test02.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
5	new	C:\document\Test02s.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
6	new	C:\document\example.txt	16 / 9 (0%)	11/07/2018 15:12

Backup Log:

```
[2018/11/23 11:00:23] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 11:00:23] [cbs] [1542942001008] start,"Start [ Windows 10
(DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 11:00:23] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 11:00:23] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 11:00:24] [info] [1542942001008] Start Backup ... [In-
File Delta: Full]
[2018/11/23 11:00:24] [info] [1542942001008] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941832346\OBS@1542942001008
[2018/11/23 11:00:24] [cbs] [1542942001008] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542941832346\OBS@1542942001008,0,0,0,,,
[2018/11/23 11:00:24] [info] [-] Start running pre-commands
[2018/11/23 11:00:24] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 11:00:24] [info] [-] Finished running pre-commands
[2018/11/23 11:00:24] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 11:00:24] [info] [1542942001008] Downloading server file
list...
[2018/11/23 11:00:29] [info] [1542942001008] Downloading server file
list... Completed
[2018/11/23 11:00:31] [info] [1542942001008] Reading backup source
from hard disk...
[2018/11/23 11:00:31] [info] [1542942001008] Reading backup source
from hard disk... Completed
[2018/11/23 11:00:31] [info] [1542942001008] [New Directory]... C:\
[2018/11/23 11:00:32] [cbs] [1542942001008]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 11:00:32] [info] [1542942001008] [New Directory]...
C:\document
[2018/11/23 11:00:32] [cbs] [1542942001008]
new,C:\document,4096,4096,1541574764232,,,D
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 10% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 21% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 31% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 41% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 52% of
"C:\document\Test01.txt"
```

```
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 62% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 72% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 83% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 93% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 100% of
"C:\document\Test01.txt"
[2018/11/23 11:00:32] [cbs] [1542942001008]
new,C:\document\Test01.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 10% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 21% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 31% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 41% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 52% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 62% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 72% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 83% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 93% of
"C:\document\Test02.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 100%
of "C:\document\Test02.txt"
[2018/11/23 11:00:32] [cbs] [1542942001008]
new,C:\document\Test02.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 10% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 21% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 31% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 41% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 52% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 62% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 72% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 83% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 93% of
"C:\document\Test02s.txt"
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 100%
of "C:\document\Test02s.txt"
[2018/11/23 11:00:32] [cbs] [1542942001008]
new,C:\document\Test02s.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 11:00:32] [info] [1542942001008] [New File]... 100%
of "C:\document\example.txt"
[2018/11/23 11:00:32] [cbs] [1542942001008]
new,C:\document\example.txt,16,9,1541574752081,,,F
[2018/11/23 11:00:38] [info] [1542942001008] Total New Files = 4
[2018/11/23 11:00:38] [info] [1542942001008] Total New
Directories = 2
[2018/11/23 11:00:38] [info] [1542942001008] Total New Links = 0
```

```
[2018/11/23 11:00:38] [info] [1542942001008] Total Updated Files
= 0
[2018/11/23 11:00:38] [info] [1542942001008] Total Attributes
Changed Files = 0
[2018/11/23 11:00:38] [info] [1542942001008] Total Deleted Files
= 0
[2018/11/23 11:00:38] [info] [1542942001008] Total Deleted
Directories = 0
[2018/11/23 11:00:38] [info] [1542942001008] Total Deleted Links
= 0
[2018/11/23 11:00:38] [info] [1542942001008] Total Moved Files =
0
[2018/11/23 11:00:39] [info] [1542942001008] Saving encrypted
backup file index to 1542941832346/blocks at destination
AhsayCBS...
[2018/11/23 11:00:47] [info] [1542942001008] Saving encrypted
backup file index to 1542941832346/blocks/2018-11-23-11-00-23 at
destination AhsayCBS...
[2018/11/23 11:00:48] [info] [-] Start running post-commands
[2018/11/23 11:00:48] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 11:00:48] [info] [-] Finished running post-commands
[2018/11/23 11:00:48] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 11:00:48] [info] [1542942001008] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542941832346\OBS@1542942001008
[2018/11/23 11:00:48] [info] [1542942001008] Backup Completed
Successfully
[2018/11/23 11:00:48] [cbs] [1542942001008]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

Existing filters

starts t
C:\document

ends t
C:\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
⊟ 🖥 This PC	☐ example.txt
⊟ ☐ 💾 OS (C:)	☐ filteringsample.xls
⊞ ☐ 📁 Apps	☐ filteringsample02.xls
⊞ ☐ 📁 Brother	☐ map_of_philippines.JPG
⊞ ☐ 📁 Dell	☐ samplemap.JPG
☐ document	☑ Test01.txt
⊞ ☐ 📁 Drivers	☑ Test02.txt
⊞ ☐ 📁 Intel	☑ 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: C:\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: C:\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: [, 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12
3	new	C:\document\Test01.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
4	new	C:\document\Test02.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
5	new	C:\document\Test02s.txt	1.21M / 1.21M (0%)	06/18/2013 20:50

Backup Log:

```
[2018/11/23 11:04:45] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 11:04:45] [cbs] [1542942271119] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 11:04:45] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 11:04:45] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 11:04:46] [info] [1542942271119] Start Backup ...
[In-File Delta: Full]
[2018/11/23 11:04:46] [info] [1542942271119] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542942179382\OBS@1542942271119
[2018/11/23 11:04:46] [cbs] [1542942271119] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542942179382\OBS@1542942271119,0,0,0,,,
[2018/11/23 11:04:46] [info] [-] Start running pre-commands
[2018/11/23 11:04:46] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 11:04:46] [info] [-] Finished running pre-commands
[2018/11/23 11:04:46] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 11:04:46] [info] [1542942271119] Downloading server
file list...
[2018/11/23 11:04:52] [info] [1542942271119] Downloading server
file list... Completed
[2018/11/23 11:04:53] [info] [1542942271119] Reading backup
source from hard disk...
[2018/11/23 11:04:53] [info] [1542942271119] Reading backup
source from hard disk... Completed
[2018/11/23 11:04:53] [info] [1542942271119] [New Directory]...
C:\
[2018/11/23 11:04:53] [cbs] [1542942271119]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 11:04:53] [info] [1542942271119] [New Directory]...
C:\document
[2018/11/23 11:04:53] [cbs] [1542942271119]
new,C:\document,4096,4096,1541574764232,,,D
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 10% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 21% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 31% of
"C:\document\Test01.txt"
```

```
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 41% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 52% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 62% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 72% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 83% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 93% of
"C:\document\Test01.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 100%
of "C:\document\Test01.txt"
[2018/11/23 11:04:53] [cbs] [1542942271119]
new,C:\document\Test01.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 10% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 21% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 31% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 41% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 52% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 62% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 72% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 83% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 93% of
"C:\document\Test02.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 100%
of "C:\document\Test02.txt"
[2018/11/23 11:04:53] [cbs] [1542942271119]
new,C:\document\Test02.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 10% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 21% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 31% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 41% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 52% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 62% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 72% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 83% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 93% of
"C:\document\Test02s.txt"
[2018/11/23 11:04:53] [info] [1542942271119] [New File]... 100%
of "C:\document\Test02s.txt"
[2018/11/23 11:04:53] [cbs] [1542942271119]
new,C:\document\Test02s.txt,1272960,1272944,1371559803308,,,F
[2018/11/23 11:05:00] [info] [1542942271119] Total New Files = 3
[2018/11/23 11:05:00] [info] [1542942271119] Total New
Directories = 2
[2018/11/23 11:05:00] [info] [1542942271119] Total New Links = 0
```

```
[2018/11/23 11:05:00] [info] [1542942271119] Total Updated Files
= 0
[2018/11/23 11:05:00] [info] [1542942271119] Total Attributes
Changed Files = 0
[2018/11/23 11:05:00] [info] [1542942271119] Total Deleted Files
= 0
[2018/11/23 11:05:00] [info] [1542942271119] Total Deleted
Directories = 0
[2018/11/23 11:05:00] [info] [1542942271119] Total Deleted Links
= 0
[2018/11/23 11:05:00] [info] [1542942271119] Total Moved Files =
0
[2018/11/23 11:05:01] [info] [1542942271119] Saving encrypted
backup file index to 1542942179382/blocks at destination
AhsayCBS...
[2018/11/23 11:05:06] [info] [1542942271119] Saving encrypted
backup file index to 1542942179382/blocks/2018-11-23-11-04-45 at
destination AhsayCBS...
[2018/11/23 11:05:06] [info] [-] Start running post-commands
[2018/11/23 11:05:06] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 11:05:06] [info] [-] Finished running post-commands
[2018/11/23 11:05:06] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 11:05:06] [info] [1542942271119] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542942179382\OBS@1542942271119
[2018/11/23 11:05:07] [info] [1542942271119] Backup Completed
Successfully
[2018/11/23 11:05:07] [cbs] [1542942271119]
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.

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 eb 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: C:\document, Include: No, Exclude all unmatched files/folders: No, Apply to: No , Apply to files: Yes, Pattern: [t]][Name: ends t, Type: ends with, Top Directory: C:\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: [, Day: 0, Criteria: Friday, Day of selected months in yearly variation: 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:

```
[2018/11/23 11:09:50] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 11:09:50] [cbs] [1542942569040] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 11:09:50] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 11:09:50] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 11:09:51] [info] [1542942569040] Start Backup ...
[In-File Delta: Full]
[2018/11/23 11:09:51] [info] [1542942569040] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542942503411\OBS@1542942569040
[2018/11/23 11:09:51] [cbs] [1542942569040] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542942503411\OBS@1542942569040,0,0,0,,,
[2018/11/23 11:09:51] [info] [-] Start running pre-commands
[2018/11/23 11:09:51] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 11:09:51] [info] [-] Finished running pre-commands
[2018/11/23 11:09:51] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 11:09:51] [info] [1542942569040] Downloading server
file list...
[2018/11/23 11:09:56] [info] [1542942569040] Downloading server
file list... Completed
[2018/11/23 11:09:57] [info] [1542942569040] Reading backup
source from hard disk...
[2018/11/23 11:09:57] [info] [1542942569040] Reading backup
source from hard disk... Completed
[2018/11/23 11:09:58] [info] [1542942569040] Total New Files = 0
[2018/11/23 11:09:58] [info] [1542942569040] Total New
Directories = 0
[2018/11/23 11:09:58] [info] [1542942569040] Total New Links = 0
[2018/11/23 11:09:58] [info] [1542942569040] Total Updated Files
= 0
[2018/11/23 11:09:58] [info] [1542942569040] Total Attributes
Changed Files = 0
[2018/11/23 11:09:58] [info] [1542942569040] Total Deleted Files
= 0
[2018/11/23 11:09:58] [info] [1542942569040] Total Deleted
Directories = 0
[2018/11/23 11:09:58] [info] [1542942569040] Total Deleted Links
= 0
[2018/11/23 11:09:58] [info] [1542942569040] Total Moved Files =
0
```

```
[2018/11/23 11:09:59] [info] [1542942569040] Saving encrypted
backup file index to 1542942503411/blocks at destination
AhsayCBS...
[2018/11/23 11:10:04] [info] [1542942569040] Saving encrypted
backup file index to 1542942503411/blocks/2018-11-23-11-09-50 at
destination AhsayCBS...
[2018/11/23 11:10:05] [info] [-] Start running post-commands
[2018/11/23 11:10:05] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 11:10:05] [info] [-] Finished running post-commands
[2018/11/23 11:10:05] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 11:10:05] [info] [1542942569040] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542942503411\OBS@1542942569040
[2018/11/23 11:10:05] [info] [1542942569040] Backup Completed
Successfully
[2018/11/23 11:10:05] [cbs] [1542942569040]
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.

Existing filters

starts t
C:\document

ends t
C:\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:

Advanced Backup Source

Folders	Name
⊟ 🖥 This PC	☑ example.txt
⊟ ☐ 💾 OS (C:)	☑ filteringsample.xls
⊞ ☐ 📁 Apps	☑ filteringsample02.xls
⊞ ☐ 📁 Brother	☑ map_of_philippines.JPG
⊞ ☐ 📁 Dell	☑ samplemap.JPG
┈ ☐ document	☐ Test01.txt
⊞ ☐ 📁 Drivers	☐ Test02.txt
⊞ ☐ 📁 Intel	☐ 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:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: true][Name: starts t, Type: starts with, Top Directory: C:\document, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [t]][Name: ends t, Type: ends with, Top Directory: C:\document, Include: No, 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: 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\document	4k / 4k (0%)	11/07/2018 15:12
3	new	C:\document\example.txt	16 / 9 (0%)	11/07/2018 15:12
4	new	C:\document\filteringsample.xls	25k / 25k (0%)	08/08/2018 08:42
5	new	C:\document\filteringsample02.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	C:\document\map_of_philippines.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
7	new	C:\document\samplemap.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58

Backup Log:

```
[2018/11/23 11:13:26] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 11:13:26] [cbs] [1542942793472] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 11:13:26] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 11:13:26] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 11:13:27] [info] [1542942793472] Start Backup ...
[In-File Delta: Full]
[2018/11/23 11:13:27] [info] [1542942793472] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542942701885\OBS@1542942793472
[2018/11/23 11:13:27] [cbs] [1542942793472] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542942701885\OBS@1542942793472,0,0,0,,,
[2018/11/23 11:13:27] [info] [-] Start running pre-commands
[2018/11/23 11:13:27] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 11:13:27] [info] [-] Finished running pre-commands
[2018/11/23 11:13:27] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 11:13:27] [info] [1542942793472] Downloading server
file list...
[2018/11/23 11:13:33] [info] [1542942793472] Downloading server
file list... Completed
[2018/11/23 11:13:34] [info] [1542942793472] Reading backup
source from hard disk...
[2018/11/23 11:13:34] [info] [1542942793472] Reading backup
source from hard disk... Completed
[2018/11/23 11:13:34] [info] [1542942793472] [New Directory]...
C:\
[2018/11/23 11:13:34] [cbs] [1542942793472]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 11:13:34] [info] [1542942793472] [New Directory]...
C:\document
[2018/11/23 11:13:34] [cbs] [1542942793472]
new,C:\document,4096,4096,1541574764232,,,D
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 100%
of "C:\document\example.txt"
[2018/11/23 11:13:34] [cbs] [1542942793472]
new,C:\document\example.txt,16,9,1541574752081,,,F
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 64% of
"C:\document\filteringsample.xls"
```

```
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 96% of
"C:\document\filteringsample.xls"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 100%
of "C:\document\filteringsample.xls"
[2018/11/23 11:13:34] [cbs] [1542942793472]
new,C:\document\filteringsample.xls,25616,25600,1533688940465,,,F
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 64% of
"C:\document\filteringsample02.xls"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 96% of
"C:\document\filteringsample02.xls"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 100%
of "C:\document\filteringsample02.xls"
[2018/11/23 11:13:34] [cbs] [1542942793472]
new,C:\document\filteringsample02.xls,25616,25600,1533688940465,,
,F
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 10% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 21% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 31% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 41% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 51% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 61% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 72% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 82% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 92% of
"C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 100%
of "C:\document\map_of_philippines.JPG"
[2018/11/23 11:13:34] [cbs] [1542942793472]
new,C:\document\map_of_philippines.JPG,1442384,1442376,1518317885
164,,,F
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 10% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 21% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 31% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 41% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 51% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 61% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 72% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 82% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 92% of
"C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [info] [1542942793472] [New File]... 100%
of "C:\document\samplemap.JPG"
[2018/11/23 11:13:34] [cbs] [1542942793472]
new,C:\document\samplemap.JPG,1442384,1442376,1518317885164,,,F
[2018/11/23 11:13:40] [info] [1542942793472] Total New Files = 5
[2018/11/23 11:13:40] [info] [1542942793472] Total New
Directories = 2
[2018/11/23 11:13:40] [info] [1542942793472] Total New Links = 0
```

```
[2018/11/23 11:13:40] [info] [1542942793472] Total Updated Files
= 0
[2018/11/23 11:13:40] [info] [1542942793472] Total Attributes
Changed Files = 0
[2018/11/23 11:13:40] [info] [1542942793472] Total Deleted Files
= 0
[2018/11/23 11:13:40] [info] [1542942793472] Total Deleted
Directories = 0
[2018/11/23 11:13:40] [info] [1542942793472] Total Deleted Links
= 0
[2018/11/23 11:13:40] [info] [1542942793472] Total Moved Files =
0
[2018/11/23 11:13:40] [info] [1542942793472] Saving encrypted
backup file index to 1542942701885/blocks at destination
AhsayCBS...
[2018/11/23 11:13:45] [info] [1542942793472] Saving encrypted
backup file index to 1542942701885/blocks/2018-11-23-11-13-26 at
destination AhsayCBS...
[2018/11/23 11:13:46] [info] [-] Start running post-commands
[2018/11/23 11:13:46] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 11:13:46] [info] [-] Finished running post-commands
[2018/11/23 11:13:46] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 11:13:46] [info] [1542942793472] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542942701885\OBS@1542942793472
[2018/11/23 11:13:46] [info] [1542942793472] Backup Completed
Successfully
[2018/11/23 11:13:46] [cbs] [1542942793472]
end,BS_STOP_SUCCESS,0,0,0,,,
```

Appendix A.1 Linux/ FreeBSD OS

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

Filter	
Name Filter that starts with A **Matching pattern** + 🗑 ☐ | Pattern 🔲 ☐ A **For each of the matched files/folders under top directory** ⦿ Include them ◯ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ⦿ Simple comparison [starts with ∨] ◯ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ◯ All hard disk drives ⦿ This folder only [/root/Documents] Apply to ☑ File ☐ Folder	Filter Name = Filter that starts with A Matching Pattern = A Filter Mode = Include Them Exclude all others = True Matching Type = Simple Comparison | Starts With Apply To = File Directory = /root/Documents

	As a result, these are the total files and directories that have been successfully backed up:
	
	Total New Files = 9
	   1. AhsayCloudFileBackupSolution_v10.pptx
	   2. AhsayCloudFileBackupSolution_v7.pptx
	   3. AhsayCloudFileBackupSolution_v8.pptx
	   4. AhsayCloudFileBackupSolution_v9.pptx
	   5. AlertMessageFive.png
	   6. AlertMessageFour.png
	   7. AlertMessageOne.png
	   8. AlertMessageThree.png
	   9. AlertMessageTwo.png
	
	Total New Directories = 5
	   1. /
	   2. /root
	   3. /root/Documents
	   4. /usr
	   5. /usr/local

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

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

Backup Report from AhsayCBS Web Console

Backup Set Settings

Field	Value
Backup Source	
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: centos7][Daily: [Name: BackupSchedule-1, Time: 17: 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/root	4k / 4k (0%)	11/22/2018 11:59
3	new	/root/Documents	4k / 4k (0%)	11/07/2018 16:58
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	220 / 220 (0%)	11/22/2018 13:21
6	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	16 / 0 (0%)	11/06/2018 14:55
7	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	16 / 0 (0%)	11/06/2018 14:55
8	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	16 / 0 (0%)	11/06/2018 14:56
9	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	16 / 0 (0%)	11/06/2018 14:56
10	new	/root/Documents/AlertMessageFive.png	16 / 0 (0%)	11/06/2018 14:56
11	new	/root/Documents/AlertMessageFour.png	16 / 0 (0%)	11/06/2018 14:56
12	new	/root/Documents/AlertMessageOne.png	16 / 0 (0%)	11/06/2018 14:56
13	new	/root/Documents/AlertMessageThree.png	16 / 0 (0%)	11/06/2018 15:16
14	new	/root/Documents/AlertMessageTwo.png	16 / 0 (0%)	11/06/2018 15:16

Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1542789917809/Backup
#cat 2018-11-22-14-43-17.log

Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1542789917809/OBS@1542868921849
info,Using Temporary Directory
/root/temp/1542789917809/OBS@1542868921849,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /root
new,/root,4096,4096,1542859173000,,,D
[New Directory]... /root/Documents
new,/root/Documents,4096,4096,1541581096000,,,D
```

```
[New Directory]... /usr
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
new,/usr/local,220,220,1542864095000,,,D
[New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,16,0,1541487343000
,,,F
 [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
[2018/11/22 14:43:40] [cbs] [1542868921849]
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,16,0,1541487357000,
,,F
[2018/11/22 14:43:41] [info] [1542868921849] [New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,16,0,1541487363000,
,,F
[New File]... 100% of "/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,16,0,1541487372000,
,,F
 [New File]... 100% of "/root/Documents/AlertMessageFive.png"
new,/root/Documents/AlertMessageFive.png,16,0,1541487393000,,,F
[New File]... 100% of "/root/Documents/AlertMessageFour.png"
new,/root/Documents/AlertMessageFour.png,16,0,1541487403000,,,F
[New File]... 100% of "/root/Documents/AlertMessageOne.png"
new,/root/Documents/AlertMessageOne.png,16,0,1541487409000,,,F
[New File]... 100% of "/root/Documents/AlertMessageThree.png"
new,/root/Documents/AlertMessageThree.png,16,0,1541488574000,,,F
 [New File]... 100% of "/root/Documents/AlertMessageTwo.png"
new,/root/Documents/AlertMessageTwo.png,16,0,1541488568000,,,F
Total New Files = 9
Total New Directories = 5
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1542789917809/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1542789917809/blocks/2018-11-22-14-43-
17 at destination AhsayCBS...
Start running post-commands
info,Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1542789917809/OBS@1542868921849
Backup Completed Successfully
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

Filter	Filter Name = Filter that contains the word Backup
Name Filter that contains the word Backup ✕ **Matching pattern** ＋ 🗑 ☐ Pattern 🔳 ☐ Backup **For each of the matched files/folders under top directory** ◉ Include them ○ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ◉ Simple comparison contain ▾ ○ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ○ All hard disk drives ◉ This folder only /root/Documents Apply to ☑ File ☐ Folder	Matching Pattern = Backup Filter Mode = Include Them Exclude all others = True Matching Type = Simple Comparison | Contains With Apply To = File Directory = /root/Documents

	As a result, these are the total files and directories that have been successfully backed up:
	
	Total New Files = 9
	  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
	
	Total New Directories = 5
	  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: centos7][Daily: [Name: BackupSchedule-2, Time: 18: 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/root	4k / 4k (0%)	11/22/2018 11:59
3	new	/root/Documents	4k / 4k (0%)	11/07/2018 16:58
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	220 / 220 (0%)	11/22/2018 13:21
6	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	16 / 0 (0%)	11/06/2018 14:55
7	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	16 / 0 (0%)	11/06/2018 14:55
8	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	16 / 0 (0%)	11/06/2018 14:56
9	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	16 / 0 (0%)	11/06/2018 14:56
10	new	/root/Documents/BackupSet_2015.docx	16 / 0 (0%)	11/07/2018 16:12
11	new	/root/Documents/BackupSet_2016.docx	16 / 0 (0%)	11/07/2018 16:12
12	new	/root/Documents/BackupSet_2017.docx	16 / 0 (0%)	11/07/2018 16:12
13	new	/root/Documents/BackupSet_2018.docx	16 / 0 (0%)	11/07/2018 16:12
14	new	/root/Documents/BackupSet_2019.docx	16 / 0 (0%)	11/07/2018 16:12

Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1542870008753 /Backup
#cat 2018-11-22-15-24-03.log


Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1542870008753/OBS@1542871408925
info,Using Temporary Directory
/root/temp/1542870008753/OBS@1542871408925,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /root
new,/root,4096,4096,1542859173000,,,D
[New Directory]... /root/Documents
new,/root/Documents,4096,4096,1541581096000,,,D
```

```
[New Directory]... /usr
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
new,/usr/local,220,220,1542864095000,,,D
[New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,16,0,1541487343000
,,,F
[New File]... 100% of "/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,16,0,1541487357000,
,,F
[New File]... 100% of "/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,16,0,1541487363000,
,,F
[New File]... 100% of "/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,16,0,1541487372000,
,,F
[New File]... 100% of "/root/Documents/BackupSet_2015.docx"
new,/root/Documents/BackupSet_2015.docx,16,0,1541578360000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2016.docx"
new,/root/Documents/BackupSet_2016.docx,16,0,1541578357000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2017.docx"
new,/root/Documents/BackupSet_2017.docx,16,0,1541578355000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2018.docx"
new,/root/Documents/BackupSet_2018.docx,16,0,1541578347000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2019.docx"
new,/root/Documents/BackupSet_2019.docx,16,0,1541578343000,,,F
Total New Files = 9
Total New Directories = 5
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1542870008753/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1542870008753/blocks/2018-11-22-15-24-
03 at destination AhsayCBS...
Start running post-commands
info,Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1542870008753/OBS@1542871408925
Backup Completed Successfully
end,BS_STOP_SUCCESS,0,0,0,,,
```

3. Filter that ends with a lowercase letter x.

Filter	
Name Filter that ends with lower-case letter x **Matching pattern** + 🗑 ☐ Pattern 🏁 ☐ x **For each of the matched files/folders under top directory** ⦿ Include them ◯ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ⦿ Simple comparison ends with ▾ ◯ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ◯ All hard disk drives ⦿ This folder only /root/Documents Apply to ☑ File ☐ Folder	Filter Name = Filter that ends with lower-case letter x Matching Pattern = x Filter Mode = Include Them Exclude all others = True Matching Type = Simple Comparison | Ends With Apply To = File Directory = /root/Documents
	As a result, these are the total files and directories that have been successfully backed up: Total New Files = 12 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 10. SpreadSheet_x_151.xlsx 11. SpreadSheet_x_152.xlsx 12. SpreadSheet_x_153.xlsx Total New Directories = 5 1. / 2. /root 3. /root/Documents 4. /usr 5. /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 lowercase letter x, Type: ends with, Top Directory: /root/Documents, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [x]]
Backup Schedule	[Computer Name: centos7][Daily: [Name: BackupSchedule-3, Time: 19: 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/root	4k / 4k (0%)	11/22/2018 11:59
3	new	/root/Documents	4k / 4k (0%)	11/07/2018 16:58
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	220 / 220 (0%)	11/22/2018 16:39
6	new	/root/Documents/AhsayCloudFileBackupSolution_v10.pptx	16 / 0 (0%)	11/06/2018 14:55
7	new	/root/Documents/AhsayCloudFileBackupSolution_v7.pptx	16 / 0 (0%)	11/06/2018 14:55
8	new	/root/Documents/AhsayCloudFileBackupSolution_v8.pptx	16 / 0 (0%)	11/06/2018 14:56
9	new	/root/Documents/AhsayCloudFileBackupSolution_v9.pptx	16 / 0 (0%)	11/06/2018 14:56
10	new	/root/Documents/BackupSet_2015.docx	16 / 0 (0%)	11/07/2018 16:12
11	new	/root/Documents/BackupSet_2016.docx	16 / 0 (0%)	11/07/2018 16:12
12	new	/root/Documents/BackupSet_2017.docx	16 / 0 (0%)	11/07/2018 16:12
13	new	/root/Documents/BackupSet_2018.docx	16 / 0 (0%)	11/07/2018 16:12
14	new	/root/Documents/BackupSet_2019.docx	16 / 0 (0%)	11/07/2018 16:12
15	new	/root/Documents/SpreadSheet_x_151.xlsx	16 / 0 (0%)	11/07/2018 16:56
16	new	/root/Documents/SpreadSheet_x_152.xlsx	16 / 0 (0%)	11/07/2018 16:56
17	new	/root/Documents/SpreadSheet_x_153.xlsx	16 / 0 (0%)	11/07/2018 16:56

Backup Log from Command Line Interface (CLI)

```
#cd /root/.obm/log/1542876105025 /Backup
#cat 2018-11-22-16-46-31.log

Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1542876105025/OBS@1542876345057
info,Using Temporary Directory
/root/temp/1542876105025/OBS@1542876345057,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /root
new,/root,4096,4096,1542859173000,,,D
```

```
[New Directory]... /root/Documents
new,/root/Documents,4096,4096,1541581096000,,,D
[New Directory]... /usr
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
new,/usr/local,220,220,1542875989000,,,D
[New File]... 100% of
"/root/Documents/AhsayCloudFileBackupSolution_v10.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v10.pptx,16,0,1541487343000
,,,F
[New File]... 100% of "/root/Documents/AhsayCloudFileBackupSolution_v7.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v7.pptx,16,0,1541487357000,
,,F
[New File]... 100% of "/root/Documents/AhsayCloudFileBackupSolution_v8.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v8.pptx,16,0,1541487363000,
,,F
[New File]... 100% of "/root/Documents/AhsayCloudFileBackupSolution_v9.pptx"
new,/root/Documents/AhsayCloudFileBackupSolution_v9.pptx,16,0,1541487372000,
,,F
[New File]... 100% of "/root/Documents/BackupSet_2015.docx"
new,/root/Documents/BackupSet_2015.docx,16,0,1541578360000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2016.docx"
new,/root/Documents/BackupSet_2016.docx,16,0,1541578357000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2017.docx"
new,/root/Documents/BackupSet_2017.docx,16,0,1541578355000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2018.docx"
new,/root/Documents/BackupSet_2018.docx,16,0,1541578347000,,,F
[New File]... 100% of "/root/Documents/BackupSet_2019.docx"
new,/root/Documents/BackupSet_2019.docx,16,0,1541578343000,,,F
[New File]... 100% of "/root/Documents/SpreadSheet_x_151.xlsx"
new,/root/Documents/SpreadSheet_x_151.xlsx,16,0,1541580985000,,,F
[New File]... 100% of "/root/Documents/SpreadSheet_x_152.xlsx"
new,/root/Documents/SpreadSheet_x_152.xlsx,16,0,1541580989000,,,F
[New File]... 100% of "/root/Documents/SpreadSheet_x_153.xlsx"
new,/root/Documents/SpreadSheet_x_153.xlsx,16,0,1541580995000,,,F
Total New Files = 12
Total New Directories = 5
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1542876105025/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1542876105025/blocks/2018-11-22-16-46-
31 at destination AhsayCBS...
Start running post-commands
info,Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1542876105025/OBS@1542876345057
```

```
Backup Completed Successfully
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:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: true][Name: everything except Photo, Type: Custom, Top Directory: C:\source, Include: No, Exclude all unmatched files/folders: Yes, Apply to: Yes, Apply to files: Yes, 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: [, 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\source	4k / 4k (0%)	11/08/2018 15:27
3	new	C:\source\Archive	8k / 8k (0%)	11/07/2018 12:31
4	new	C:\source\Documents	0 / 0 (0%)	11/07/2018 09:31
5	new	C:\source\Documents\doc	4k / 4k (0%)	11/07/2018 12:32
6	new	C:\source\Documents\pdf	4k / 4k (0%)	11/07/2018 09:31
7	new	C:\source\Documents\text	4k / 4k (0%)	11/07/2018 09:31
8	new	C:\source\Excel	4k / 4k (0%)	11/07/2018 12:33
9	new	C:\source\Archive\Asset_Inventory_2017.xls	25k / 25k (0%)	08/08/2018 08:42
10	new	C:\source\Archive\Asset_Inventory_2018.xls	25k / 25k (0%)	08/08/2018 08:42
11	new	C:\source\Archive\asset_Inventory_2014.xls	25k / 25k (0%)	08/08/2018 08:42
12	new	C:\source\Archive\asset_Inventory_2015.xls	25k / 25k (0%)	08/08/2018 08:42
13	new	C:\source\Archive\asset_Inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
14	new	C:\source\Archive\indexes_full_list_2014.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
15	new	C:\source\Archive\indexes_full_list_2015.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
16	new	C:\source\Archive\indexes_full_list_2016.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
17	new	C:\source\Archive\indexes_full_list_2017.txt	2.43M / 2.43M (0%)	09/28/2018 12:59
18	new	C:\source\Archive\indexes_full_list_2018.txt	2.43M / 2.43M (0%)	09/28/2018 12:58
19	new	C:\source\Documents\doc\Company Profile.doc	70k / 70k (0%)	07/19/2018 16:05
20	new	C:\source\Documents\doc\employee_list.doc	1.63M / 1.63M (0%)	06/05/2018 19:55
21	new	C:\source\Documents\doc\employee_list_2016.doc	1.63M / 1.63M (0%)	06/05/2018 19:55
22	new	C:\source\Documents\doc\employee_list_2017.doc	1.63M / 1.63M (0%)	06/05/2018 19:55
23	new	C:\source\Documents\doc\employee_list_2018.doc	1.63M / 1.63M (0%)	06/05/2018 19:55
24	new	C:\source\Documents\pdf\cloud_deployment_Azure.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
25	new	C:\source\Documents\pdf\cloud_deployment_Dropbox.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
26	new	C:\source\Documents\pdf\cloud_deployment_Google.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
27	new	C:\source\Documents\pdf\cloud_deployment_OneDrive.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
28	new	C:\source\Documents\pdf\cloud_deployment_OpenStack.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
29	new	C:\source\Documents\text\indexes_full_list.txt	1.21M / 1.21M (0%)	06/18/2013 20:50
30	new	C:\source\Documents\text\installation_final_SAN.odt	21k / 21k (0%)	07/31/2018 16:07
31	new	C:\source\Documents\text\installation_final_cloud.odt	21k / 21k (0%)	07/31/2018 16:07
32	new	C:\source\Documents\text\installation_network.odt	21k / 21k (0%)	07/31/2018 16:07
33	new	C:\source\Documents\text\installation_start_cloud.odt	21k / 21k (0%)	07/31/2018 16:07
34	new	C:\source\Excel\Expense_2017_Feb.xls	75k / 75k (0%)	09/24/2018 09:39
35	new	C:\source\Excel\Expense_2017_Mar.xls	75k / 75k (0%)	09/24/2018 09:39
36	new	C:\source\Excel\Expense_2018_Feb.xls	75k / 75k (0%)	09/24/2018 09:39
37	new	C:\source\Excel\Expense_2018_Mar.xls	75k / 75k (0%)	09/24/2018 09:39
38	new	C:\source\Excel\Income_2017_Feb.xls	75k / 75k (0%)	09/24/2018 09:39
39	new	C:\source\Excel\Income_2017_Mar.xls	75k / 75k (0%)	09/24/2018 09:39
40	new	C:\source\Excel\Income_2018_Feb.xls	75k / 75k (0%)	09/24/2018 09:39
41	new	C:\source\Excel\Income_2018_Mar.xls	75k / 75k (0%)	09/24/2018 09:39
42	new	C:\source\Excel\asset_Inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
43	new	C:\source\Excel\asset_Inventory_2017.xls	25k / 25k (0%)	08/08/2018 08:42
44	new	C:\source\Excel\asset_Inventory_2018.xls	25k / 25k (0%)	08/08/2018 08:42
45	new	C:\source\New Text Document.txt	23k / 23k (0%)	11/08/2018 15:27

Backup Log:

```
[2018/11/23 12:21:37] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 12:21:37] [cbs] [1542946872794] start,"Start
[ Windows 10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 12:21:37] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 12:21:37] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 12:21:39] [info] [1542946872794] Start Backup ...
[In-File Delta: Full]
[2018/11/23 12:21:39] [info] [1542946872794] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542946703783\OBS@1542946872794
[2018/11/23 12:21:39] [cbs] [1542946872794] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542946703783\OBS@1542946872794,0,0,0,,,
[2018/11/23 12:21:39] [info] [-] Start running pre-commands
[2018/11/23 12:21:39] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 12:21:39] [info] [-] Finished running pre-commands
```

```
[2018/11/23 12:21:39] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 12:21:39] [info] [1542946872794] Downloading server
file list...
[2018/11/23 12:21:45] [info] [1542946872794] Downloading server
file list... Completed
[2018/11/23 12:21:46] [info] [1542946872794] Reading backup
source from hard disk...
[2018/11/23 12:21:46] [info] [1542946872794] Reading backup
source from hard disk... Completed
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\source
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\source,4096,4096,1541662057527,,,D
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\source\Archive
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\source\Archive,8192,8192,1541565116458,,,D
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\source\Documents
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\source\Documents,0,0,1541554279135,,,D
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\source\Documents\doc
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\source\Documents\doc,4096,4096,1541565141752,,,D
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\source\Documents\pdf
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\source\Documents\pdf,4096,4096,1541554272029,,,D
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\source\Documents\text
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\source\Documents\text,4096,4096,1541554294362,,,D
[2018/11/23 12:21:46] [info] [1542946872794] [New Directory]...
C:\source\Excel
[2018/11/23 12:21:46] [cbs] [1542946872794]
new,C:\source\Excel,4096,4096,1541565214233,,,D
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 64% of
"C:\source\Archive\Asset_Inventory_2017.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 96% of
"C:\source\Archive\Asset_Inventory_2017.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 100%
of "C:\source\Archive\Asset_Inventory_2017.xls"
[2018/11/23 12:21:47] [cbs] [1542946872794]
new,C:\source\Archive\Asset_Inventory_2017.xls,25616,25600,153368
8940465,,,F
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 64% of
"C:\source\Archive\Asset_Inventory_2018.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 96% of
"C:\source\Archive\Asset_Inventory_2018.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 100%
of "C:\source\Archive\Asset_Inventory_2018.xls"
[2018/11/23 12:21:47] [cbs] [1542946872794]
new,C:\source\Archive\Asset_Inventory_2018.xls,25616,25600,153368
8940465,,,F
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 64% of
"C:\source\Archive\asset_Inventory_2014.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 96% of
"C:\source\Archive\asset_Inventory_2014.xls"
```

```
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 100%
of "C:\source\Archive\asset_Inventory_2014.xls"
[2018/11/23 12:21:47] [cbs] [1542946872794]
new,C:\source\Archive\asset_Inventory_2014.xls,25616,25600,153368
8940465,,,F
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 64% of
"C:\source\Archive\asset_Inventory_2015.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 96% of
"C:\source\Archive\asset_Inventory_2015.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 100%
of "C:\source\Archive\asset_Inventory_2015.xls"
[2018/11/23 12:21:47] [cbs] [1542946872794]
new,C:\source\Archive\asset_Inventory_2015.xls,25616,25600,153368
8940465,,,F
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 64% of
"C:\source\Archive\asset_Inventory_2016.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 96% of
"C:\source\Archive\asset_Inventory_2016.xls"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 100%
of "C:\source\Archive\asset_Inventory_2016.xls"
[2018/11/23 12:21:47] [cbs] [1542946872794]
new,C:\source\Archive\asset_Inventory_2016.xls,25616,25600,153368
8940465,,,F
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 10% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 21% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 31% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 41% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 52% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 62% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 72% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 83% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 93% of
"C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [info] [1542946872794] [New File]... 100%
of "C:\source\Archive\indexes_full_list_2014.txt"
[2018/11/23 12:21:47] [cbs] [1542946872794]
new,C:\source\Archive\indexes_full_list_2014.txt,1272960,1272944,
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"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 21% of
"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 31% of
"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 41% of
"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 52% of
"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 62% of
"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 72% of
"C:\source\Documents\text\indexes_full_list.txt"
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[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 83% of
"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 93% of
"C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 100%
of "C:\source\Documents\text\indexes_full_list.txt"
[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Documents\text\indexes_full_list.txt,1272960,127294
4,1371559803308,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 73% of
"C:\source\Documents\text\installation_final_SAN.odt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 100%
of "C:\source\Documents\text\installation_final_SAN.odt"
[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Documents\text\installation_final_SAN.odt,22160,221
48,1533024432000,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 73% of
"C:\source\Documents\text\installation_final_cloud.odt"
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[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Documents\text\installation_final_cloud.odt,22160,2
2148,1533024432000,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 73% of
"C:\source\Documents\text\installation_network.odt"
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new,C:\source\Documents\text\installation_network.odt,22160,22148
,1533024432000,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 73% of
"C:\source\Documents\text\installation_start_cloud.odt"
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[2018/11/23 12:22:18] [cbs] [1542946872794]
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[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Excel\Expense_2017_Feb.xls,76816,76800,153775315262
9,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 21% of
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[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Excel\Income_2017_Feb.xls,76816,76800,1537753152629
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[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 42% of
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[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 53% of
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[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 74% of
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[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Excel\Income_2018_Mar.xls,76816,76800,1537753152629
,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 64% of
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[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 100%
of "C:\source\Excel\asset_Inventory_2016.xls"
[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Excel\asset_Inventory_2016.xls,25616,25600,15336889
40465,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 64% of
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[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Excel\asset_Inventory_2017.xls,25616,25600,15336889
40465,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 64% of
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[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 96% of
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of "C:\source\Excel\asset_Inventory_2018.xls"
[2018/11/23 12:22:18] [cbs] [1542946872794]
new,C:\source\Excel\asset_Inventory_2018.xls,25616,25600,15336889
40465,,,F
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 67% of
"C:\source\New Text Document.txt"
[2018/11/23 12:22:18] [info] [1542946872794] [New File]... 100%
of "C:\source\New Text Document.txt"
[2018/11/23 12:22:18] [cbs] [1542946872794] new,C:\source\New
Text Document.txt,24208,24192,1541662075094,,,F
[2018/11/23 12:22:31] [info] [1542946872794] Total New Files = 37
[2018/11/23 12:22:31] [info] [1542946872794] Total New
Directories = 8
[2018/11/23 12:22:31] [info] [1542946872794] Total New Links = 0
[2018/11/23 12:22:31] [info] [1542946872794] Total Updated Files
= 0
[2018/11/23 12:22:31] [info] [1542946872794] Total Attributes
Changed Files = 0
[2018/11/23 12:22:31] [info] [1542946872794] Total Deleted Files
= 0
[2018/11/23 12:22:31] [info] [1542946872794] Total Deleted
Directories = 0
[2018/11/23 12:22:31] [info] [1542946872794] Total Deleted Links
= 0
[2018/11/23 12:22:31] [info] [1542946872794] Total Moved Files =
0
```

```
[2018/11/23 12:22:31] [info] [1542946872794] Saving encrypted
backup file index to 1542946703783/blocks at destination
AhsayCBS...
[2018/11/23 12:22:41] [info] [1542946872794] Saving encrypted
backup file index to 1542946703783/blocks/2018-11-23-12-21-37 at
destination AhsayCBS...
[2018/11/23 12:22:42] [info] [-] Start running post-commands
[2018/11/23 12:22:42] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 12:22:42] [info] [-] Finished running post-commands
[2018/11/23 12:22:42] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 12:22:42] [info] [1542946872794] Deleting temporary
file C:\Users\Ahsay-PC-
07\.obm\temp\1542946703783\OBS@1542946872794
[2018/11/23 12:22:43] [info] [1542946872794] Backup Completed
Successfully
[2018/11/23 12:22:43] [cbs] [1542946872794]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

Existing filters

excel files that starts with a
C:\source

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$ | X |

The result is:

Advanced Backup Source

Folders	Name
⊟ 🖥 This PC	☑ asset_Inventory_2014.xls
⊟ □ 📇 OS (C:)	☑ asset_Inventory_2015.xls
⊞ □ 📁 Apps	☑ asset_Inventory_2016.xls
⊞ □ 📁 Brother	☐ Asset_Inventory_2017.xls
⊞ □ 📁 Dell	☐ Asset_Inventory_2018.xls
⊞ □ 📁 document	☐ indexes_full_list_2014.txt
⊞ □ 📁 Drivers	☐ indexes_full_list_2015.txt
⊞ □ 📁 Intel	☐ indexes_full_list_2016.txt
⊞ □ 📁 My Files	☐ indexes_full_list_2017.txt
⊞ □ 📁 PerfLogs	☐ indexes_full_list_2018.txt
⊞ □ 📁 Program Files	
⊞ □ 📁 Program Files (;	
⊞ □ 📁 ProgramData	
⊞ □ 📁 Recovery	
⊞ □ 📁 SharedFolder	
⊟ □ so...	
─── □ Archive	
⊞ □ Docu...	
⊞ □ .e|	
⊞ □ P...	

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: C:\source, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: ['a.*\.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 = 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\source	4k / 4k (0%)	11/08/2018 15:27
3	new	C:\source\Archive	8k / 8k (0%)	11/07/2018 12:31
4	new	C:\source\Excel	4k / 4k (0%)	11/07/2018 12:33
5	new	C:\source\Archive\asset_Inventory_2014.xls	25k / 25k (0%)	08/08/2018 08:42
6	new	C:\source\Archive\asset_Inventory_2015.xls	25k / 25k (0%)	08/08/2018 08:42
7	new	C:\source\Archive\asset_Inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
8	new	C:\source\Excel\asset_Inventory_2016.xls	25k / 25k (0%)	08/08/2018 08:42
9	new	C:\source\Excel\asset_Inventory_2017.xls	25k / 25k (0%)	08/08/2018 08:42
10	new	C:\source\Excel\asset_Inventory_2018.xls	25k / 25k (0%)	08/08/2018 08:42

Report Log:

```
[2018/11/23 12:30:08] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 12:30:08] [cbs] [1542947393802] start,"Start [ Windows
10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 12:30:08] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 12:30:08] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 12:30:10] [info] [1542947393802] Start Backup ... [In-
File Delta: Full]
[2018/11/23 12:30:10] [info] [1542947393802] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542947268717\OBS@1542947393802
[2018/11/23 12:30:10] [cbs] [1542947393802] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542947268717\OBS@1542947393802,0,0,0,,,
[2018/11/23 12:30:10] [info] [-] Start running pre-commands
[2018/11/23 12:30:10] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 12:30:10] [info] [-] Finished running pre-commands
[2018/11/23 12:30:10] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 12:30:10] [info] [1542947393802] Downloading server
file list...
[2018/11/23 12:30:16] [info] [1542947393802] Downloading server
file list... Completed
[2018/11/23 12:30:17] [info] [1542947393802] Reading backup source
from hard disk...
[2018/11/23 12:30:17] [info] [1542947393802] Reading backup source
from hard disk... Completed
[2018/11/23 12:30:17] [info] [1542947393802] [New Directory]... C:\
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 12:30:18] [info] [1542947393802] [New Directory]...
C:\source
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source,4096,4096,1541662057527,,,D
[2018/11/23 12:30:18] [info] [1542947393802] [New Directory]...
C:\source\Archive
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Archive,8192,8192,1541565116458,,,D
```

```
[2018/11/23 12:30:18] [info] [1542947393802] [New Directory]...
C:\source\Excel
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Excel,4096,4096,1541565214233,,,D
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 64% of
"C:\source\Archive\asset_Inventory_2014.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 96% of
"C:\source\Archive\asset_Inventory_2014.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 100% of
"C:\source\Archive\asset_Inventory_2014.xls"
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Archive\asset_Inventory_2014.xls,25616,25600,15336889
40465,,,F
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 64% of
"C:\source\Archive\asset_Inventory_2015.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 96% of
"C:\source\Archive\asset_Inventory_2015.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 100% of
"C:\source\Archive\asset_Inventory_2015.xls"
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Archive\asset_Inventory_2015.xls,25616,25600,15336889
40465,,,F
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 64% of
"C:\source\Archive\asset_Inventory_2016.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 96% of
"C:\source\Archive\asset_Inventory_2016.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 100% of
"C:\source\Archive\asset_Inventory_2016.xls"
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Archive\asset_Inventory_2016.xls,25616,25600,15336889
40465,,,F
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 64% of
"C:\source\Excel\asset_Inventory_2016.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 96% of
"C:\source\Excel\asset_Inventory_2016.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 100% of
"C:\source\Excel\asset_Inventory_2016.xls"
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Excel\asset_Inventory_2016.xls,25616,25600,1533688940
465,,,F
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 64% of
"C:\source\Excel\asset_Inventory_2017.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 96% of
"C:\source\Excel\asset_Inventory_2017.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 100% of
"C:\source\Excel\asset_Inventory_2017.xls"
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Excel\asset_Inventory_2017.xls,25616,25600,1533688940
465,,,F
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 64% of
"C:\source\Excel\asset_Inventory_2018.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 96% of
"C:\source\Excel\asset_Inventory_2018.xls"
[2018/11/23 12:30:18] [info] [1542947393802] [New File]... 100% of
"C:\source\Excel\asset_Inventory_2018.xls"
[2018/11/23 12:30:18] [cbs] [1542947393802]
new,C:\source\Excel\asset_Inventory_2018.xls,25616,25600,1533688940
465,,,F
[2018/11/23 12:30:19] [info] [1542947393802] Total New Files = 6
[2018/11/23 12:30:19] [info] [1542947393802] Total New Directories
= 4
[2018/11/23 12:30:19] [info] [1542947393802] Total New Links = 0
[2018/11/23 12:30:19] [info] [1542947393802] Total Updated Files =
0
```

```
[2018/11/23 12:30:19] [info] [1542947393802] Total Attributes
Changed Files = 0
[2018/11/23 12:30:19] [info] [1542947393802] Total Deleted Files =
0
[2018/11/23 12:30:19] [info] [1542947393802] Total Deleted
Directories = 0
[2018/11/23 12:30:19] [info] [1542947393802] Total Deleted Links =
0
[2018/11/23 12:30:19] [info] [1542947393802] Total Moved Files = 0
[2018/11/23 12:30:20] [info] [1542947393802] Saving encrypted
backup file index to 1542947268717/blocks at destination
AhsayCBS...
[2018/11/23 12:30:27] [info] [1542947393802] Saving encrypted
backup file index to 1542947268717/blocks/2018-11-23-12-30-08 at
destination AhsayCBS...
[2018/11/23 12:30:28] [info] [-] Start running post-commands
[2018/11/23 12:30:28] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 12:30:28] [info] [-] Finished running post-commands
[2018/11/23 12:30:28] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 12:30:28] [info] [1542947393802] Deleting temporary
file C:\Users\Ahsay-PC-07\.obm\temp\1542947268717\OBS@1542947393802
[2018/11/23 12:30:28] [info] [1542947393802] Backup Completed
Successfully
[2018/11/23 12:30:28] [cbs] [1542947393802]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

Existing filters

 contains cloud
C:\source

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

.*cloud.*$ X

The result is:

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: C:\source, 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 = 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	C:\	8k / 8k (0%)	11/22/2018 08:27
2	new	C:\source	4k / 4k (0%)	11/08/2018 15:27
3	new	C:\source\Documents	0 / 0 (0%)	11/07/2018 09:31
4	new	C:\source\Documents\pdf	4k / 4k (0%)	11/07/2018 09:31
5	new	C:\source\Documents\text	4k / 4k (0%)	11/07/2018 09:31
6	new	C:\source\Photo	4k / 4k (0%)	11/07/2018 09:36
7	new	C:\source\Documents\pdf\cloud_deployment_Azure.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
8	new	C:\source\Documents\pdf\cloud_deployment_Dropbox.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
9	new	C:\source\Documents\pdf\cloud_deployment_Google.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
10	new	C:\source\Documents\pdf\cloud_deployment_OneDrive.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
11	new	C:\source\Documents\pdf\cloud_deployment_OpenStack.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
12	new	C:\source\Documents\text\installation_final_cloud.odt	21k / 21k (0%)	07/31/2018 16:07
13	new	C:\source\Documents\text\installation_start_cloud.odt	21k / 21k (0%)	07/31/2018 16:07
14	new	C:\source\Photo\AliYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
15	new	C:\source\Photo\CTYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
16	new	C:\source\Photo\Dropbox_cloud.PNG	21k / 21k (0%)	09/18/2018 16:14
17	new	C:\source\Photo\Google_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
18	new	C:\source\Photo\OneDrive_cloud.PNG	21k / 21k (0%)	09/18/2018 16:14

Backup Log:

```
[2018/11/23 12:35:52] [info] [-] Start [ Windows 10 (DESKTOP-
I7U6970), AhsayOBM v7.17.0.30 ]
[2018/11/23 12:35:52] [cbs] [1542947739444] start,"Start [ Windows
10 (DESKTOP-I7U6970), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/23 12:35:53] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 12:35:53] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 12:35:55] [info] [1542947739444] Start Backup ... [In-
File Delta: Full]
[2018/11/23 12:35:55] [info] [1542947739444] Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542947649021\OBS@1542947739444
[2018/11/23 12:35:55] [cbs] [1542947739444] info,Using Temporary
Directory C:\Users\Ahsay-PC-
07\.obm\temp\1542947649021\OBS@1542947739444,0,0,0,,,
[2018/11/23 12:35:55] [info] [-] Start running pre-commands
[2018/11/23 12:35:55] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 12:35:55] [info] [-] Finished running pre-commands
[2018/11/23 12:35:55] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 12:35:55] [info] [1542947739444] Downloading server
file list...
[2018/11/23 12:36:00] [info] [1542947739444] Downloading server
file list... Completed
[2018/11/23 12:36:01] [info] [1542947739444] Reading backup source
from hard disk...
[2018/11/23 12:36:01] [info] [1542947739444] Reading backup source
from hard disk... Completed
[2018/11/23 12:36:02] [info] [1542947739444] [New Directory]... C:\
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\,8192,8192,1542846474733,,,D
[2018/11/23 12:36:02] [info] [1542947739444] [New Directory]...
C:\source
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source,4096,4096,1541662057527,,,D
```

```
[2018/11/23 12:36:02] [info] [1542947739444] [New Directory]...
C:\source\Documents
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents,0,0,1541554279135,,,D
[2018/11/23 12:36:02] [info] [1542947739444] [New Directory]...
C:\source\Documents\pdf
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\pdf,4096,4096,1541554272029,,,D
[2018/11/23 12:36:02] [info] [1542947739444] [New Directory]...
C:\source\Documents\text
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\text,4096,4096,1541554294362,,,D
[2018/11/23 12:36:02] [info] [1542947739444] [New Directory]...
C:\source\Photo
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Photo,4096,4096,1541554580587,,,D
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 10% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 20% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 30% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 40% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 51% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 61% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 71% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 81% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 91% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Documents\pdf\cloud_deplyment_Azure.pdf"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\pdf\cloud_deplyment_Azure.pdf,1059312,10592
98,1536909278178,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 10% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 20% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 30% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 40% of
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[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 51% of
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[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 61% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 71% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 81% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 91% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\pdf\cloud_deplyment_Dropbox.pdf,1059312,105
9298,1536909278178,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 10% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
```

```
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 20% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 30% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 40% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 51% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 61% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 71% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 81% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 91% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Documents\pdf\cloud_deplyment_Google.pdf"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\pdf\cloud_deplyment_Google.pdf,1059312,1059
298,1536909278178,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 10% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 20% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 30% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 40% of
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[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 51% of
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[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 61% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 71% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 81% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 91% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\pdf\cloud_deplyment_OneDrive.pdf,1059312,10
59298,1536909278178,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 10% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 20% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 30% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 40% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 51% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 61% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 71% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 81% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 91% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Documents\pdf\cloud_deplyment_OpenStack.pdf"
```

```
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\pdf\cloud_deployment_OpenStack.pdf,1059312,1
059298,1536909278178,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 73% of
"C:\source\Documents\text\installation_final_cloud.odt"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Documents\text\installation_final_cloud.odt"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\text\installation_final_cloud.odt,22160,221
48,1533024432000,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 73% of
"C:\source\Documents\text\installation_start_cloud.odt"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Documents\text\installation_start_cloud.odt"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Documents\text\installation_start_cloud.odt,22160,221
48,1533024432000,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Photo\AliYun_cloud.PNG"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Photo\AliYun_cloud.PNG,13776,13768,1537255780683,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Photo\CTYun_cloud.PNG"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Photo\CTYun_cloud.PNG,13776,13768,1537255780683,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 75% of
"C:\source\Photo\Dropbox_cloud.PNG"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Photo\Dropbox_cloud.PNG"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Photo\Dropbox_cloud.PNG,21632,21616,1537258459906,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Photo\Google_cloud.PNG"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Photo\Google_cloud.PNG,13776,13768,1537255780683,,,F
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 75% of
"C:\source\Photo\OneDrive_cloud.PNG"
[2018/11/23 12:36:02] [info] [1542947739444] [New File]... 100% of
"C:\source\Photo\OneDrive_cloud.PNG"
[2018/11/23 12:36:02] [cbs] [1542947739444]
new,C:\source\Photo\OneDrive_cloud.PNG,21632,21616,1537258459906,,,
F
[2018/11/23 12:36:12] [info] [1542947739444] Total New Files = 12
[2018/11/23 12:36:12] [info] [1542947739444] Total New Directories
= 6
[2018/11/23 12:36:12] [info] [1542947739444] Total New Links = 0
[2018/11/23 12:36:12] [info] [1542947739444] Total Updated Files =
0
[2018/11/23 12:36:12] [info] [1542947739444] Total Attributes
Changed Files = 0
[2018/11/23 12:36:12] [info] [1542947739444] Total Deleted Files =
0
[2018/11/23 12:36:12] [info] [1542947739444] Total Deleted
Directories = 0
[2018/11/23 12:36:12] [info] [1542947739444] Total Deleted Links =
0
[2018/11/23 12:36:12] [info] [1542947739444] Total Moved Files = 0
[2018/11/23 12:36:13] [info] [1542947739444] Saving encrypted
backup file index to 1542947649021/blocks at destination
AhsayCBS...
[2018/11/23 12:36:18] [info] [1542947739444] Saving encrypted
backup file index to 1542947649021/blocks/2018-11-23-12-35-52 at
destination AhsayCBS...
[2018/11/23 12:36:18] [info] [-] Start running post-commands
```

```
[2018/11/23 12:36:18] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 12:36:18] [info] [-] Finished running post-commands
[2018/11/23 12:36:18] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 12:36:18] [info] [1542947739444] Deleting temporary
file C:\Users\Ahsay-PC-07\.obm\temp\1542947649021\OBS@1542947739444
[2018/11/23 12:36:19] [info] [1542947739444] Backup Completed
Successfully
[2018/11/23 12:36:19] [cbs] [1542947739444]
end,BS_STOP_SUCCESS,0,0,0,,,
```

Appendix B.2   Linux/ FreeBSD OS

1.   Filter that starts with uppercase letter L.

Filter **Name** [Filter that starts with uppercase letter L RegularExpress] **Matching pattern** + 🗑 ☐ | Pattern 🔳 ☐ ^L.* **For each of the matched files/folders under top directory** ◉ Include them ○ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ○ Simple comparison [starts with ⌄] ◉ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ○ All hard disk drives ◉ This folder only [/root/Documents_2] Apply to ☑ File ☐ Folder	Filter Name = Filter that starts with uppercase letter L RegularExpression Matching Pattern = ^L.* Filter Mode = Include Them Exclude all others = True Matching Type = Regular expression (UNIX-style) Apply To = File Directory = /root/Documents_2

	As a result, these are the total files and directories that have been successfully backed up:
	
	Total New Files = 3
	    1. LogFile.txt
	    2. LogFile_2017.txt
	    3. LogFile_2018.txt
	
	Total New Directories = 5
	    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: centos7][Daily: [Name: BackupSchedule-5, 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/root	4k / 4k (0%)	11/22/2018 11:59
3	new	/root/Documents_2	259 / 259 (0%)	11/13/2018 11:31
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	220 / 220 (0%)	11/22/2018 16:39
6	new	/root/Documents_2/LogFile.txt	16 / 0 (0%)	11/13/2018 11:25
7	new	/root/Documents_2/LogFile_2017.txt	16 / 0 (0%)	11/13/2018 11:26
8	new	/root/Documents_2/LogFile_2018.txt	16 / 0 (0%)	11/13/2018 11:25

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1543029111758/Backup
#cat 2018-11-24-11-16-53.log


Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1543029111758/OBS@1543029379348
info,Using Temporary Directory
/root/temp/1543029111758/OBS@1543029379348,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /root
new,/root,4096,4096,1542859173000,,,D
[New Directory]... /root/Documents_2
new,/root/Documents_2,259,259,1542079891000,,,D
[New Directory]... /usr
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
new,/usr/local,220,220,1542875989000,,,D
```

```
[New File]... 100% of "/root/Documents_2/LogFile.txt"
new,/root/Documents_2/LogFile.txt,16,0,1542079538000,,,F
[New File]... 100% of "/root/Documents_2/LogFile_2017.txt"
new,/root/Documents_2/LogFile_2017.txt,16,0,1542079570000,,,F
[New File]... 100% of "/root/Documents_2/LogFile_2018.txt"
new,/root/Documents_2/LogFile_2018.txt,16,0,1542079546000,,,F
Total New Files = 3
Total New Directories = 5
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1543029111758/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1543029111758/blocks/2018-11-24-11-16-
53 at destination AhsayCBS...
Start running post-commands
info,Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1543029111758/OBS@1543029379348
Backup Completed Successfully
end,BS_STOP_SUCCESS,0,0,0,,,
```

2. Filter that contains the word version.

Filter **Name** Filter that contains the word version Regular Expression **Matching pattern** ➕ 🗑️ ☐ Pattern ▦ ☐ ^.*version.*$ **For each of the matched files/folders under top directory** ◉ Include them ◯ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ◯ Simple comparison starts with ▼ ◉ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ◯ All hard disk drives ◉ This folder only /root/Documents_2 Apply to ☑ File ☐ Folder	Filter Name = Filter that contains with the word version RegularExpression Matching Pattern = ^.*version.*$ Filter Mode = Include Them Exclude all others = True Matching Type = Regular expression (UNIX-style) Apply To = File Directory = /root/Documents_2 As a result, these are the total files and directories that have been successfully backed up: Total New Files = 4 1. AhsayACB_UserGuideforWindows_version7. docx 2. AhsayCBS_version7_UserGuide.docx 3. AhsayOBM_version7_QuickStartGuide.docx 4. version7_AhsayMOB_UserGuideAndroid.doc x Total New Directories = 5 1. / 2. /root 3. /root/Documents_2 4. /usr 5. /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 **^.*version.*$**. This filter only applies to a specific folder which is Documents_2, and since the File, *under the "Apply to" field*, has been set to true, only the files have been backed up even if there are available folders that matched the set criteria.

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

Backup Report from AhsayCBS Web Console

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: 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: centos7][Daily: [Name: BackupSchedule-6, 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/root	4k / 4k (0%)	11/22/2018 11:59
3	new	/root/Documents_2	4k / 4k (0%)	11/24/2018 11:32
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	220 / 220 (0%)	11/22/2018 16:39
6	new	/root/Documents_2/AhsayACB_UserGuideforWindows_version7.docx	16 / 0 (0%)	11/13/2018 11:30
7	new	/root/Documents_2/AhsayCBS_version7_UserGuide.docx	16 / 0 (0%)	11/13/2018 11:27
8	new	/root/Documents_2/AhsayOBM_version7_QuickStartGuide.docx	16 / 0 (0%)	11/13/2018 11:27
9	new	/root/Documents_2/version7_AhsayMOB_UserGuideAndroid.docx	16 / 0 (0%)	11/13/2018 11:31

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1543034863530/Backup
#cat 2018-11-24-13-12-19.log


Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1543034863530/OBS@1543036296278
info,Using Temporary Directory
/root/temp/1543034863530/OBS@1543036296278,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /root
new,/root,4096,4096,1542859173000,,,D
[New Directory]... /root/Documents_2
new,/root/Documents_2,4096,4096,1543030363000,,,D
[New Directory]... /usr
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
```

```
new,/usr/local,220,220,1542875989000,,,D
[New File]... 100% of
"/root/Documents_2/AhsayACB_UserGuideforWindows_version7.docx"
new,/root/Documents_2/AhsayACB_UserGuideforWindows_version7.docx,16,0,154207
9821000,,,F
[New File]... 100% of "/root/Documents_2/AhsayCBS_version7_UserGuide.docx"
new,/root/Documents_2/AhsayCBS_version7_UserGuide.docx,16,0,1542079663000,,,
F
[New File]... 100% of
"/root/Documents_2/AhsayOBM_version7_QuickStartGuide.docx"
new,/root/Documents_2/AhsayOBM_version7_QuickStartGuide.docx,16,0,1542079642
000,,,F
[New File]... 100% of
"/root/Documents_2/version7_AhsayMOB_UserGuideAndroid.docx"
new,/root/Documents_2/version7_AhsayMOB_UserGuideAndroid.docx,16,0,154207989
1000,,,F
Total New Files = 4
Total New Directories = 5
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1543034863530/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1543034863530/blocks/2018-11-24-13-12-
19 at destination AhsayCBS...
Start running post-commands
info,Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1543034863530/OBS@1543036296278
Backup Completed Successfully
end,BS_STOP_SUCCESS,0,0,0,,,
```

3. Filter that ends with a lowercase letter t.

Filter	
Name ter that ends with lowercase letter t RegularExpression **Matching pattern** + 🗑 ☐ Pattern 🟦 ☐ .*\.*t$ **For each of the matched files/folders under top directory** ⦿ Include them ◯ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ◯ Simple comparison starts with ∨ ⦿ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ◯ All hard disk drives ⦿ This folder only 　/root/Documents_2 Apply to ☑ File　☐ Folder	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
	As a result, these are the total files and directories that have been successfully backed up: Total New Files = 4 　1. BackupSolution.txt 　2. LogFile.txt 　3. LogFile_2017.txt 　4. LogFile_2018.txt Total New Directories = 5 　1. / 　2. /root 　3. /root/Documents 　4. /usr 　5. /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 a lowercase letter t 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: [.*\.*t$]]
Backup Schedule	[Computer Name: centos7][Daily: [Name: BackupSchedule-7, 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/root	4k / 4k (0%)	11/22/2018 11:59
3	new	/root/Documents_2	4k / 4k (0%)	11/24/2018 11:32
4	new	/usr	155 / 155 (0%)	02/15/2017 09:29
5	new	/usr/local	220 / 220 (0%)	11/22/2018 16:39
6	new	/root/Documents_2/BackyupSolution.txt	16 / 0 (0%)	11/13/2018 11:25
7	new	/root/Documents_2/LogFile.txt	16 / 0 (0%)	11/13/2018 11:25
8	new	/root/Documents_2/LogFile_2017.txt	16 / 0 (0%)	11/13/2018 11:26
9	new	/root/Documents_2/LogFile_2018.txt	16 / 0 (0%)	11/13/2018 11:25

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1543040424630/Backup
#cat 2018-11-24-14-25-09.log

Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1543040424630/OBS@1543040667952
info,Using Temporary Directory
/root/temp/1543040424630/OBS@1543040667952,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /root
new,/root,4096,4096,1542859173000,,,D
[New Directory]... /root/Documents_2
new,/root/Documents_2,4096,4096,1543030363000,,,D
[New Directory]... /usr
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
```

```
new,/usr/local,220,220,1542875989000,,,D
[New File]... 100% of "/root/Documents_2/BackyupSolution.txt"
new,/root/Documents_2/BackyupSolution.txt,16,0,1542079502000,,,F
[New File]... 100% of "/root/Documents_2/LogFile.txt"
new,/root/Documents_2/LogFile.txt,16,0,1542079538000,,,F
[New File]... 100% of "/root/Documents_2/LogFile_2017.txt"
new,/root/Documents_2/LogFile_2017.txt,16,0,1542079570000,,,F
[New File]... 100% of "/root/Documents_2/LogFile_2018.txt"
new,/root/Documents_2/LogFile_2018.txt,16,0,1542079546000,,,F
Total New Files = 4
Total New Directories = 5
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1543040424630/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1543040424630/blocks/2018-11-24-14-25-
09 at destination AhsayCBS...
Start running post-commands
Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1543040424630/OBS@1543040667952
Backup Completed Successfully
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

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 our files will be included since they are pdf, gif and tif files. Since the **Exclude all unmatched files/folders** was left unchecked all other files that does not end with the letter f will still not be included but it does not satisfy the filter criteria which is why it is not greyed out.

Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: true][Name: Filter-1, Type: ends with, Top Directory: \\10.16.10.39\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	\\10.16.10.39	0 / 0 (0%)	
3	new	\\10.16.10.39\share	0 / 0 (0%)	
4	new	\\10.16.10.39\share\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
5	new	\\10.16.10.39\share\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
6	new	\\10.16.10.39\share\cloud_deployment_Google.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
7	new	\\10.16.10.39\share\cloud_deployment_OneDrive.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14

Backup Log:

```
[2018/11/23 15:36:41] [info] [-] Start [ Windows Server 2008 R2
(W2K11SBS), AhsayOBM v7.17.0.30 ]
[2018/11/23 15:36:41] [cbs] [1542958556288] start,"Start
[ Windows Server 2008 R2 (W2K11SBS), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/23 15:36:53] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 15:36:53] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 15:36:55] [info] [1542958556288] Start Backup ...
[In-File Delta: Full]
[2018/11/23 15:36:55] [info] [1542958556288] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542958142126\OBS@1542958556288
[2018/11/23 15:36:55] [cbs] [1542958556288] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542958142126\OBS@1542958556288,
0,0,0,,,
[2018/11/23 15:36:55] [info] [-] Start running pre-commands
[2018/11/23 15:36:55] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 15:36:55] [info] [-] Finished running pre-commands
[2018/11/23 15:36:55] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 15:36:55] [info] [1542958556288] Downloading server
file list...
[2018/11/23 15:37:00] [info] [1542958556288] Downloading server
file list... Completed
[2018/11/23 15:37:07] [info] [1542958556288] Reading backup
source from hard disk...
[2018/11/23 15:37:09] [info] [1542958556288] [New Directory]...
\\
[2018/11/23 15:37:09] [cbs] [1542958556288] new,\\,0,0,0,,,D
[2018/11/23 15:37:09] [info] [1542958556288] [New Directory]...
\\10.16.10.39
[2018/11/23 15:37:09] [cbs] [1542958556288]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/23 15:37:10] [info] [1542958556288] [New Directory]...
\\10.16.10.39\share
[2018/11/23 15:37:10] [cbs] [1542958556288]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/23 15:37:12] [info] [1542958556288] Reading backup
source from hard disk... Completed
```

```
[2018/11/23 15:37:14] [info] [1542958556288] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:15] [info] [1542958556288] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:15] [info] [1542958556288] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:15] [info] [1542958556288] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:15] [info] [1542958556288] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:15] [info] [1542958556288] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:15] [info] [1542958556288] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:16] [info] [1542958556288] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:16] [info] [1542958556288] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:16] [info] [1542958556288] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/23 15:37:16] [cbs] [1542958556288]
new,\\10.16.10.39\share\IMG_0449_01.gif,2090384,2090373,153785014
0511,,,F
[2018/11/23 15:37:17] [info] [1542958556288] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:17] [info] [1542958556288] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:17] [info] [1542958556288] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:17] [info] [1542958556288] [New File]... 40% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:17] [info] [1542958556288] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:17] [info] [1542958556288] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:17] [info] [1542958556288] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:18] [info] [1542958556288] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:18] [info] [1542958556288] [New File]... 91% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:19] [info] [1542958556288] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/23 15:37:19] [cbs] [1542958556288]
new,\\10.16.10.39\share\IMG_0449_012.tif,3956192,3956182,15378501
87074,,,F
[2018/11/23 15:37:34] [info] [1542958556288] [New File]... 10% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:34] [info] [1542958556288] [New File]... 20% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:34] [info] [1542958556288] [New File]... 30% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:34] [info] [1542958556288] [New File]... 40% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:34] [info] [1542958556288] [New File]... 51% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:34] [info] [1542958556288] [New File]... 61% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:34] [info] [1542958556288] [New File]... 71% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 81% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
```

```
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/23 15:37:35] [cbs] [1542958556288]
new,\\10.16.10.39\share\cloud_deplyment_Google.pdf,1059312,105929
8,1536909278178,,,F
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 10% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 20% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 30% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 40% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 51% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 61% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 71% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 81% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [info] [1542958556288] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/23 15:37:35] [cbs] [1542958556288]
new,\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf,1059312,1059
298,1536909278178,,,F
[2018/11/23 15:37:43] [info] [1542958556288] Total New Files = 4
[2018/11/23 15:37:43] [info] [1542958556288] Total New
Directories = 3
[2018/11/23 15:37:43] [info] [1542958556288] Total New Links = 0
[2018/11/23 15:37:43] [info] [1542958556288] Total Updated Files
= 0
[2018/11/23 15:37:43] [info] [1542958556288] Total Attributes
Changed Files = 0
[2018/11/23 15:37:43] [info] [1542958556288] Total Deleted Files
= 0
[2018/11/23 15:37:43] [info] [1542958556288] Total Deleted
Directories = 0
[2018/11/23 15:37:43] [info] [1542958556288] Total Deleted Links
= 0
[2018/11/23 15:37:43] [info] [1542958556288] Total Moved Files =
0
[2018/11/23 15:37:45] [info] [1542958556288] Saving encrypted
backup file index to 1542958142126/blocks at destination
AhsayCBS...
[2018/11/23 15:37:45] [info] [1542958556288] Saving encrypted
backup file index to 1542958142126/blocks/2018-11-23-15-36-40 at
destination AhsayCBS...
[2018/11/23 15:38:45] [info] [-] Start running post-commands
[2018/11/23 15:38:45] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 15:38:45] [info] [-] Finished running post-commands
[2018/11/23 15:38:45] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 15:38:45] [info] [1542958556288] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1542958142126\OBS@1542958556288
[2018/11/23 15:38:45] [info] [1542958556288] Backup Completed
Successfully
[2018/11/23 15:38:45] [cbs] [1542958556288]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

The result is:

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: \\10.16.10.39\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	\\10.16.10.39	0 / 0 (0%)	
3	new	\\10.16.10.39\share	0 / 0 (0%)	
4	new	\\10.16.10.39\share\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
5	new	\\10.16.10.39\share\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
6	new	\\10.16.10.39\share\cloud_deployment_Google.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14
7	new	\\10.16.10.39\share\cloud_deployment_OneDrive.pdf	1.01M / 1.01M (0%)	09/14/2018 15:14

Backup Log:

```
[2018/11/26 11:40:11] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 11:40:11] [cbs] [1542959012347] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 11:40:15] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 11:40:15] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 11:40:16] [info] [1542959012347] Start Backup ...
[In-File Delta: Full]
[2018/11/26 11:40:16] [info] [1542959012347] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542958936822\OBS@1542959012347
[2018/11/26 11:40:16] [cbs] [1542959012347] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542958936822\OBS@1542959012347,
0,0,0,,,
[2018/11/26 11:40:17] [info] [1542959012347] Progressive Data
Integrity Check is enabled. It will only check the backup files
that have not been checked within the specified interval: 60 Days
[2018/11/26 11:40:17] [cbs] [1542959012347] info,Progressive Data
Integrity Check is enabled. It will only check the backup files
that have not been checked within the specified interval: 60
Days,0,0,0,,,
[2018/11/26 11:40:17] [info] [1542959012347] Start data integrity
check on backup set "BackupSet-15(1542958936822)",
"AhsayCBS(1542959012347)", crc disabled, rebuild index disabled
[2018/11/26 11:40:17] [cbs] [1542959012347] info,"Start data
integrity check on backup set \"BackupSet-15(1542958936822)\",
\"AhsayCBS(1542959012347)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:40:17] [info] [1542959012347] Start processing
data integrity check on backup set= "BackupSet-15" destination=
"AhsayCBS"
[2018/11/26 11:40:17] [cbs] [1542959012347] info,"Start
processing data integrity check on backup set= \"BackupSet-15\"
destination= \"AhsayCBS\"",0,0,0,,,
[2018/11/26 11:40:19] [info] [1542959012347] Saving encrypted
backup file index to 1542958936822/blocks at destination
AhsayCBS...
[2018/11/26 11:40:19] [cbs] [1542959012347] info,Saving encrypted
backup file index to 1542958936822/blocks at destination
AhsayCBS...,0,0,0,,,
```

```
[2018/11/26 11:40:20] [info] [1542959012347] Data integrity check
on backup set= "BackupSet-15" destination= "AhsayCBS" is
completed
[2018/11/26 11:40:20] [cbs] [1542959012347] info,"Data integrity
check on backup set= \"BackupSet-15\" destination= \"AhsayCBS\"
is completed",0,0,0,,,
[2018/11/26 11:40:20] [info] [1542959012347] Finished data
integrity check on backup set "BackupSet-15(1542958936822)",
"AhsayCBS(1542959012347)", crc disabled, rebuild index disabled
[2018/11/26 11:40:20] [cbs] [1542959012347] info,"Finished data
integrity check on backup set \"BackupSet-15(1542958936822)\",
\"AhsayCBS(1542959012347)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:40:20] [info] [1542959012347] Completed data
integrity check on backup set "BackupSet-15(1542958936822)",
"AhsayCBS(1542959012347)", crc disabled, rebuild index disabled
[2018/11/26 11:40:20] [cbs] [1542959012347] info,"Completed data
integrity check on backup set \"BackupSet-15(1542958936822)\",
\"AhsayCBS(1542959012347)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:40:20] [info] [-] Start running pre-commands
[2018/11/26 11:40:20] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 11:40:20] [info] [-] Finished running pre-commands
[2018/11/26 11:40:20] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 11:40:20] [info] [1542959012347] Downloading server
file list...
[2018/11/26 11:40:20] [info] [1542959012347] Downloading server
file list... Completed
[2018/11/26 11:40:22] [info] [1542959012347] Reading backup
source from hard disk...
[2018/11/26 11:40:24] [info] [1542959012347] Reading backup
source from hard disk... Completed
[2018/11/26 11:40:24] [info] [1542959012347] [New Directory]...
\\
[2018/11/26 11:40:24] [cbs] [1542959012347] new,\\,0,0,0,,,D
[2018/11/26 11:40:24] [info] [1542959012347] [New Directory]...
\\10.16.10.39
[2018/11/26 11:40:24] [cbs] [1542959012347]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 11:40:24] [info] [1542959012347] [New Directory]...
\\10.16.10.39\share
[2018/11/26 11:40:24] [cbs] [1542959012347]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 11:40:25] [info] [1542959012347] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:25] [info] [1542959012347] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:26] [info] [1542959012347] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:26] [info] [1542959012347] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:26] [info] [1542959012347] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:26] [info] [1542959012347] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:27] [info] [1542959012347] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:27] [info] [1542959012347] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:29] [info] [1542959012347] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449_01.gif"
```

```
[2018/11/26 11:40:29] [info] [1542959012347] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:40:29] [cbs] [1542959012347]
new,\\10.16.10.39\share\IMG_0449_01.gif,2090384,2090373,153785014
0511,,,F
[2018/11/26 11:40:29] [info] [1542959012347] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:29] [info] [1542959012347] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:29] [info] [1542959012347] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:29] [info] [1542959012347] [New File]... 40% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:29] [info] [1542959012347] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:30] [info] [1542959012347] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:30] [info] [1542959012347] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:30] [info] [1542959012347] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 91% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:40:31] [cbs] [1542959012347]
new,\\10.16.10.39\share\IMG_0449_012.tif,3956192,3956182,15378501
87074,,,F
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 10% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 20% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 30% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 40% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 51% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 61% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 71% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 81% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [info] [1542959012347] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 11:40:31] [cbs] [1542959012347]
new,\\10.16.10.39\share\cloud_deplyment_Google.pdf,1059312,105929
8,1536909278178,,,F
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 10% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 20% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 30% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 40% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 51% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 61% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
```

```
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 71% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 81% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [info] [1542959012347] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 11:40:32] [cbs] [1542959012347]
new,\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf,1059312,1059
298,1536909278178,,,F
[2018/11/26 11:40:35] [info] [1542959012347] Total New Files = 4
[2018/11/26 11:40:35] [info] [1542959012347] Total New
Directories = 3
[2018/11/26 11:40:35] [info] [1542959012347] Total New Links = 0
[2018/11/26 11:40:35] [info] [1542959012347] Total Updated Files
= 0
[2018/11/26 11:40:35] [info] [1542959012347] Total Attributes
Changed Files = 0
[2018/11/26 11:40:35] [info] [1542959012347] Total Deleted Files
= 0
[2018/11/26 11:40:35] [info] [1542959012347] Total Deleted
Directories = 0
[2018/11/26 11:40:35] [info] [1542959012347] Total Deleted Links
= 0
[2018/11/26 11:40:35] [info] [1542959012347] Total Moved Files =
0
[2018/11/26 11:40:37] [info] [1542959012347] Saving encrypted
backup file index to 1542958936822/blocks at destination
AhsayCBS...
[2018/11/26 11:40:37] [info] [1542959012347] Saving encrypted
backup file index to 1542958936822/blocks/2018-11-26-11-40-11 at
destination AhsayCBS...
[2018/11/26 11:40:37] [info] [-] Start running post-commands
[2018/11/26 11:40:37] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 11:40:37] [info] [-] Finished running post-commands
[2018/11/26 11:40:37] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 11:40:37] [info] [1542959012347] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1542958936822\OBS@1542959012347
[2018/11/26 11:40:38] [info] [1542959012347] Backup Completed
Successfully
[2018/11/26 11:40:38] [cbs] [1542959012347]
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 | X |

[Add]

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

| \\10.16.10.39\share\ | Change |

The result is:

Advanced Backup Source

Folders	Name
⊟ 🖥 Computer	☐ 📄 Adding Temporary Folder in CBS.doc
⊞ ☐ 💾 Floppy Disk Drive (A:)	☐ 🖼 AliYun_cloud.PNG
⊞ ☐ 🗄 OS (C:)	☐ cloud_deplyment_Google.pdf
⊞ ☐ 💿 DVD Drive (D:)	☐ cloud_deplyment_OneDrive.pdf
☐ 🖳 share (\\10.16.10.39) (	☐ 📄 Company Profile.doc
⊞ 🌐 Network	☐ 🖼 CTYun_cloud.PNG
⊞ 📁 Libraries	☐ 📄 Expense_2018_Mar.xls
	☐ 🖼 Google_cloud.PNG
	☐ 🖼 IMG_0449.JPG
	☐ 🖼 IMG_0449_0.png
	☐ IMG_0449_01.gif
	☐ 🖼 IMG_0449_011.bmp
	☐ IMG_0449_012.tif
	☐ 📄 Income_2018_Mar.xls
	☐ 🖼 MG_0449_013.png
	☐ 🖼 OneDrive_cloud.PNG

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

Backup Report:

Backup Set Settings

Field	Value
Backup Source	
Filter	[Enabled: true][Name: Filter-1, Type: ends with, Top Directory: \\10.16.10.39\share\, Include: No, 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

Backup Log:

```
[2018/11/23 16:14:17] [info] [-] Start [ Windows Server 2008 R2
(W2K11SBS), AhsayOBM v7.17.0.30 ]
[2018/11/23 16:14:17] [cbs] [1542960840872] start,"Start
[ Windows Server 2008 R2 (W2K11SBS), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/23 16:14:18] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/23 16:14:18] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/23 16:14:21] [info] [1542960840872] Start Backup ...
[In-File Delta: Full]
[2018/11/23 16:14:21] [info] [1542960840872] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542960487215\OBS@1542960840872
[2018/11/23 16:14:21] [cbs] [1542960840872] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542960487215\OBS@1542960840872,
0,0,0,,,
[2018/11/23 16:14:21] [info] [-] Start running pre-commands
[2018/11/23 16:14:21] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/23 16:14:21] [info] [-] Finished running pre-commands
[2018/11/23 16:14:21] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/23 16:14:22] [info] [1542960840872] Downloading server
file list...
[2018/11/23 16:14:29] [info] [1542960840872] Downloading server
file list... Completed
[2018/11/23 16:14:36] [info] [1542960840872] Reading backup
source from hard disk...
[2018/11/23 16:14:39] [info] [1542960840872] Reading backup
source from hard disk... Completed
[2018/11/23 16:14:40] [info] [1542960840872] Total New Files = 0
[2018/11/23 16:14:40] [info] [1542960840872] Total New
Directories = 0
[2018/11/23 16:14:40] [info] [1542960840872] Total New Links = 0
[2018/11/23 16:14:40] [info] [1542960840872] Total Updated Files
= 0
[2018/11/23 16:14:40] [info] [1542960840872] Total Attributes
Changed Files = 0
[2018/11/23 16:14:40] [info] [1542960840872] Total Deleted Files
= 0
[2018/11/23 16:14:40] [info] [1542960840872] Total Deleted
Directories = 0
```

```
[2018/11/23 16:14:40] [info] [1542960840872] Total Deleted Links
= 0
[2018/11/23 16:14:40] [info] [1542960840872] Total Moved Files =
0
[2018/11/23 16:14:43] [info] [1542960840872] Saving encrypted
backup file index to 1542960487215/blocks at destination
AhsayCBS...
[2018/11/23 16:14:45] [info] [1542960840872] Saving encrypted
backup file index to 1542960487215/blocks/2018-11-23-16-14-16 at
destination AhsayCBS...
[2018/11/23 16:14:46] [info] [-] Start running post-commands
[2018/11/23 16:14:46] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/23 16:14:46] [info] [-] Finished running post-commands
[2018/11/23 16:14:46] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/23 16:14:46] [info] [1542960840872] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1542960487215\OBS@1542960840872
[2018/11/23 16:14:47] [info] [1542960840872] Backup Completed
Successfully
[2018/11/23 16:14:47] [cbs] [1542960840872]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

The result is:

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	[\\10.16.10.39\share]
Filter	[Enabled: true][Name: Filter-1, Type: ends with, Top Directory: \\10.16.10.39\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: [, 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	\\10.16.10.39	0 / 0 (0%)	
3	new	\\10.16.10.39\share	0 / 0 (0%)	
4	new	\\10.16.10.39\share\Adding Temporary Folder in CBS.doc	1.63M / 1.63M (0%)	06/05/2018 19:55
5	new	\\10.16.10.39\share\AliYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
6	new	\\10.16.10.39\share\CTYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
7	new	\\10.16.10.39\share\Company Profile.doc	70k / 70k (0%)	07/19/2018 16:05
8	new	\\10.16.10.39\share\Expense_2018_Mar.xls	75k / 75k (0%)	09/24/2018 09:39
9	new	\\10.16.10.39\share\Google_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
10	new	\\10.16.10.39\share\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
11	new	\\10.16.10.39\share\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
12	new	\\10.16.10.39\share\IMG_0449_011.bmp	17.02M / 17.02M (0%)	09/25/2018 12:36
13	new	\\10.16.10.39\share\Income_2018_Mar.xls	75k / 75k (0%)	09/24/2018 09:39
14	new	\\10.16.10.39\share\MG_0449_013.png	3.11M / 3.11M (0%)	09/25/2018 12:36
15	new	\\10.16.10.39\share\OneDrive_cloud.PNG	21k / 21k (0%)	09/18/2018 16:14

Backup Log:

```
[2018/11/26 11:47:13] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 11:47:13] [cbs] [1542961094067] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 11:47:16] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 11:47:16] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 11:47:17] [info] [1542961094067] Start Backup ...
[In-File Delta: Full]
[2018/11/26 11:47:17] [info] [1542961094067] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542960967376\OBS@1542961094067
[2018/11/26 11:47:17] [cbs] [1542961094067] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542960967376\OBS@1542961094067,
0,0,0,,,
[2018/11/26 11:47:17] [info] [1542961094067] Progressive Data
Integrity Check is enabled. It will only check the backup files
that have not been checked within the specified interval: 60 Days
[2018/11/26 11:47:17] [cbs] [1542961094067] info,Progressive Data
Integrity Check is enabled. It will only check the backup files
that have not been checked within the specified interval: 60
Days,0,0,0,,,
[2018/11/26 11:47:17] [info] [1542961094067] Start data integrity
check on backup set "BackupSet-17(1542960967376)",
"AhsayCBS(1542961094067)", crc disabled, rebuild index disabled
[2018/11/26 11:47:17] [cbs] [1542961094067] info,"Start data
integrity check on backup set \"BackupSet-17(1542960967376)\",
\"AhsayCBS(1542961094067)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:47:17] [info] [1542961094067] Start processing
data integrity check on backup set= "BackupSet-17" destination=
"AhsayCBS"
[2018/11/26 11:47:17] [cbs] [1542961094067] info,"Start
processing data integrity check on backup set= \"BackupSet-17\"
destination= \"AhsayCBS\"",0,0,0,,,
```

```
[2018/11/26 11:47:19] [info] [1542961094067] Saving encrypted
backup file index to 1542960967376/blocks at destination
AhsayCBS...
[2018/11/26 11:47:19] [cbs] [1542961094067] info,Saving encrypted
backup file index to 1542960967376/blocks at destination
AhsayCBS...,0,0,0,,,
[2018/11/26 11:47:24] [info] [1542961094067] Data integrity check
on backup set= "BackupSet-17" destination= "AhsayCBS" is
completed
[2018/11/26 11:47:24] [cbs] [1542961094067] info,"Data integrity
check on backup set= \"BackupSet-17\" destination= \"AhsayCBS\"
is completed",0,0,0,,,
[2018/11/26 11:47:25] [info] [1542961094067] Finished data
integrity check on backup set "BackupSet-17(1542960967376)",
"AhsayCBS(1542961094067)", crc disabled, rebuild index disabled
[2018/11/26 11:47:25] [cbs] [1542961094067] info,"Finished data
integrity check on backup set \"BackupSet-17(1542960967376)\",
\"AhsayCBS(1542961094067)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:47:25] [info] [1542961094067] Completed data
integrity check on backup set "BackupSet-17(1542960967376)",
"AhsayCBS(1542961094067)", crc disabled, rebuild index disabled
[2018/11/26 11:47:25] [cbs] [1542961094067] info,"Completed data
integrity check on backup set \"BackupSet-17(1542960967376)\",
\"AhsayCBS(1542961094067)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:47:25] [info] [-] Start running pre-commands
[2018/11/26 11:47:25] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 11:47:25] [info] [-] Finished running pre-commands
[2018/11/26 11:47:25] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 11:47:25] [info] [1542961094067] Downloading server
file list...
[2018/11/26 11:47:30] [info] [1542961094067] Downloading server
file list... Completed
[2018/11/26 11:47:31] [info] [1542961094067] Reading backup
source from hard disk...
[2018/11/26 11:47:34] [info] [1542961094067] [New Directory]...
\\
[2018/11/26 11:47:34] [cbs] [1542961094067] new,\\,0,0,0,,,D
[2018/11/26 11:47:34] [info] [1542961094067] [New Directory]...
\\10.16.10.39
[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 11:47:34] [info] [1542961094067] [New Directory]...
\\10.16.10.39\share
[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 11:47:34] [info] [1542961094067] Reading backup
source from hard disk... Completed
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 10% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 20% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 30% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 40% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 50% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 60% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
```

```
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 71% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 81% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 91% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39\share\Adding Temporary Folder in
CBS.doc,1707536,1707520,1528199700000,,,F
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\AliYun_cloud.PNG"
[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39\share\AliYun_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\CTYun_cloud.PNG"
[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39\share\CTYun_cloud.PNG,13776,13768,1537255780683
,,,F
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 22% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 34% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 45% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 57% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 68% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 80% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 91% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39\share\Company
Profile.doc,71696,71680,1531987501233,,,F
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 21% of
"\\10.16.10.39\share\Expense_2018_Mar.xls"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 32% of
"\\10.16.10.39\share\Expense_2018_Mar.xls"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 42% of
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[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 53% of
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[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 64% of
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[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 74% of
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[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 85% of
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[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 96% of
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[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\Expense_2018_Mar.xls"
[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39\share\Expense_2018_Mar.xls,76816,76800,15377531
52629,,,F
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\Google_cloud.PNG"
```

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[2018/11/26 11:47:34] [cbs] [1542961094067]
new,\\10.16.10.39\share\Google_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 21% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 31% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:34] [info] [1542961094067] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 72% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 82% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:47:35] [cbs] [1542961094067]
new,\\10.16.10.39\share\IMG_0449.JPG,1442384,1442376,151831788516
4,,,F
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 40% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 60% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 70% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 80% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 90% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:35] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:47:36] [cbs] [1542961094067]
new,\\10.16.10.39\share\IMG_0449_0.png,6362384,6362372,1537850117
011,,,F
[2018/11/26 11:47:36] [info] [1542961094067] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:36] [info] [1542961094067] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:36] [info] [1542961094067] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:36] [info] [1542961094067] [New File]... 40% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:36] [info] [1542961094067] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:37] [info] [1542961094067] [New File]... 60% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:37] [info] [1542961094067] [New File]... 70% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
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[2018/11/26 11:47:37] [info] [1542961094067] [New File]... 80% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:37] [info] [1542961094067] [New File]... 90% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:37] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:47:42] [cbs] [1542961094067]
new,\\10.16.10.39\share\IMG_0449_011.bmp,17842240,17842230,153785
0166542,,,F
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 21% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 32% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 42% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 53% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 64% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 74% of
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[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 85% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 96% of
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[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:47:42] [cbs] [1542961094067]
new,\\10.16.10.39\share\Income_2018_Mar.xls,76816,76800,153775315
2629,,,F
[2018/11/26 11:47:42] [info] [1542961094067] [New File]... 10% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:43] [info] [1542961094067] [New File]... 20% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:43] [info] [1542961094067] [New File]... 30% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:43] [info] [1542961094067] [New File]... 40% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:43] [info] [1542961094067] [New File]... 50% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:44] [info] [1542961094067] [New File]... 60% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:44] [info] [1542961094067] [New File]... 70% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:45] [info] [1542961094067] [New File]... 80% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:46] [info] [1542961094067] [New File]... 90% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:46] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 11:47:46] [cbs] [1542961094067]
new,\\10.16.10.39\share\MG_0449_013.png,3258768,3258758,153785021
3417,,,F
[2018/11/26 11:47:47] [info] [1542961094067] [New File]... 75% of
"\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 11:47:47] [info] [1542961094067] [New File]... 100%
of "\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 11:47:47] [cbs] [1542961094067]
new,\\10.16.10.39\share\OneDrive_cloud.PNG,21632,21616,1537258459
906,,,F
[2018/11/26 11:47:52] [info] [1542961094067] Total New Files = 12
[2018/11/26 11:47:52] [info] [1542961094067] Total New
Directories = 3
[2018/11/26 11:47:52] [info] [1542961094067] Total New Links = 0
```

```
[2018/11/26 11:47:52] [info] [1542961094067] Total Updated Files
= 0
[2018/11/26 11:47:52] [info] [1542961094067] Total Attributes
Changed Files = 0
[2018/11/26 11:47:52] [info] [1542961094067] Total Deleted Files
= 0
[2018/11/26 11:47:52] [info] [1542961094067] Total Deleted
Directories = 0
[2018/11/26 11:47:52] [info] [1542961094067] Total Deleted Links
= 0
[2018/11/26 11:47:52] [info] [1542961094067] Total Moved Files =
0
[2018/11/26 11:47:53] [info] [1542961094067] Saving encrypted
backup file index to 1542960967376/blocks at destination
AhsayCBS...
[2018/11/26 11:47:53] [info] [1542961094067] Saving encrypted
backup file index to 1542960967376/blocks/2018-11-26-11-47-13 at
destination AhsayCBS...
[2018/11/26 11:47:59] [info] [-] Start running post-commands
[2018/11/26 11:47:59] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 11:47:59] [info] [-] Finished running post-commands
[2018/11/26 11:47:59] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 11:47:59] [info] [1542961094067] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1542960967376\OBS@1542961094067
[2018/11/26 11:47:59] [info] [1542961094067] Backup Completed
Successfully
[2018/11/26 11:47:59] [cbs] [1542961094067]
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

The result is:

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: \\10.16.10.39\share\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [i]]
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	\\10.16.10.39	0 / 0 (0%)	
3	new	\\10.16.10.39\share	0 / 0 (0%)	
4	new	\\10.16.10.39\share\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
5	new	\\10.16.10.39\share\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
6	new	\\10.16.10.39\share\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
7	new	\\10.16.10.39\share\IMG_0449_011.bmp	17.02M / 17.02M (0%)	09/25/2018 12:36
8	new	\\10.16.10.39\share\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
9	new	\\10.16.10.39\share\Income_2018_Mar.xls	75k / 75k (0%)	09/24/2018 09:39

Backup Log:

```
[2018/11/26 11:50:02] [info] [-] The In-File Delta Backup feature
is not enabled on this account. Please be aware that files are
being backed up in their entirety in this backup job.
[2018/11/26 11:50:02] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 11:50:02] [cbs] [1542962359023] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 11:50:02] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 11:50:02] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 11:50:04] [info] [1542962359023] Start Backup ...
[In-File Delta: Full]
[2018/11/26 11:50:04] [info] [1542962359023] Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542962258313\OBS@1542962359023
[2018/11/26 11:50:04] [cbs] [1542962359023] info,Using Temporary
Directory
C:\Users\Administrator\.obm\temp\1542962258313\OBS@1542962359023,
0,0,0,,,
[2018/11/26 11:50:04] [info] [1542962359023] Progressive Data
Integrity Check is enabled. It will only check the backup files
that have not been checked within the specified interval: 60 Days
[2018/11/26 11:50:04] [cbs] [1542962359023] info,Progressive Data
Integrity Check is enabled. It will only check the backup files
that have not been checked within the specified interval: 60
Days,0,0,0,,,
[2018/11/26 11:50:04] [info] [1542962359023] Start data integrity
check on backup set "BackupSet-18(1542962258313)",
"AhsayCBS(1542962359023)", crc disabled, rebuild index disabled
[2018/11/26 11:50:04] [cbs] [1542962359023] info,"Start data
integrity check on backup set \"BackupSet-18(1542962258313)\",
\"AhsayCBS(1542962359023)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:50:04] [info] [1542962359023] Start processing
data integrity check on backup set= "BackupSet-18" destination=
"AhsayCBS"
[2018/11/26 11:50:04] [cbs] [1542962359023] info,"Start
processing data integrity check on backup set= \"BackupSet-18\"
destination= \"AhsayCBS\"",0,0,0,,,
```

```
[2018/11/26 11:50:06] [info] [1542962359023] Saving encrypted
backup file index to 1542962258313/blocks at destination
AhsayCBS...
[2018/11/26 11:50:06] [cbs] [1542962359023] info,Saving encrypted
backup file index to 1542962258313/blocks at destination
AhsayCBS...,0,0,0,,,
[2018/11/26 11:50:11] [info] [1542962359023] Data integrity check
on backup set= "BackupSet-18" destination= "AhsayCBS" is
completed
[2018/11/26 11:50:11] [cbs] [1542962359023] info,"Data integrity
check on backup set= \"BackupSet-18\" destination= \"AhsayCBS\"
is completed",0,0,0,,,
[2018/11/26 11:50:11] [info] [1542962359023] Finished data
integrity check on backup set "BackupSet-18(1542962258313)",
"AhsayCBS(1542962359023)", crc disabled, rebuild index disabled
[2018/11/26 11:50:11] [cbs] [1542962359023] info,"Finished data
integrity check on backup set \"BackupSet-18(1542962258313)\",
\"AhsayCBS(1542962359023)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:50:11] [info] [1542962359023] Completed data
integrity check on backup set "BackupSet-18(1542962258313)",
"AhsayCBS(1542962359023)", crc disabled, rebuild index disabled
[2018/11/26 11:50:11] [cbs] [1542962359023] info,"Completed data
integrity check on backup set \"BackupSet-18(1542962258313)\",
\"AhsayCBS(1542962359023)\", crc disabled, rebuild index
disabled",0,0,0,,,
[2018/11/26 11:50:11] [info] [-] Start running pre-commands
[2018/11/26 11:50:11] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 11:50:11] [info] [-] Finished running pre-commands
[2018/11/26 11:50:11] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 11:50:11] [info] [1542962359023] Downloading server
file list...
[2018/11/26 11:50:16] [info] [1542962359023] Downloading server
file list... Completed
[2018/11/26 11:50:17] [info] [1542962359023] Reading backup
source from hard disk...
[2018/11/26 11:50:21] [info] [1542962359023] [New Directory]...
\\
[2018/11/26 11:50:21] [cbs] [1542962359023] new,\\,0,0,0,,,D
[2018/11/26 11:50:21] [info] [1542962359023] [New Directory]...
\\10.16.10.39
[2018/11/26 11:50:21] [cbs] [1542962359023]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 11:50:21] [info] [1542962359023] [New Directory]...
\\10.16.10.39\share
[2018/11/26 11:50:21] [cbs] [1542962359023]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 11:50:21] [info] [1542962359023] Reading backup
source from hard disk... Completed
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 21% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 31% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449.JPG"
```

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[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 72% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 82% of
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[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [info] [1542962359023] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:50:21] [cbs] [1542962359023]
new,\\10.16.10.39\share\IMG_0449.JPG,1442384,1442376,151831788516
4,,,F
[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 40% of
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[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 50% of
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[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 60% of
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[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 70% of
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[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 80% of
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[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 90% of
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[2018/11/26 11:50:22] [info] [1542962359023] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:50:23] [cbs] [1542962359023]
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011,,,F
[2018/11/26 11:50:23] [info] [1542962359023] [New File]... 10% of
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[2018/11/26 11:50:23] [info] [1542962359023] [New File]... 20% of
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[2018/11/26 11:50:23] [info] [1542962359023] [New File]... 30% of
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[2018/11/26 11:50:23] [info] [1542962359023] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:50:23] [info] [1542962359023] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:50:23] [cbs] [1542962359023]
new,\\10.16.10.39\share\IMG_0449_01.gif,2090384,2090373,153785014
0511,,,F
[2018/11/26 11:50:24] [info] [1542962359023] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:24] [info] [1542962359023] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:24] [info] [1542962359023] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
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[2018/11/26 11:50:25] [info] [1542962359023] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:25] [info] [1542962359023] [New File]... 60% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:25] [info] [1542962359023] [New File]... 70% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:25] [info] [1542962359023] [New File]... 80% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:25] [info] [1542962359023] [New File]... 90% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:26] [info] [1542962359023] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:50:34] [cbs] [1542962359023]
new,\\10.16.10.39\share\IMG_0449_011.bmp,17842240,17842230,153785
0166542,,,F
[2018/11/26 11:50:35] [info] [1542962359023] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:35] [info] [1542962359023] [New File]... 20% of
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[2018/11/26 11:50:35] [info] [1542962359023] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:35] [info] [1542962359023] [New File]... 40% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:36] [info] [1542962359023] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:36] [info] [1542962359023] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:36] [info] [1542962359023] [New File]... 71% of
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[2018/11/26 11:50:36] [info] [1542962359023] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:36] [info] [1542962359023] [New File]... 91% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:36] [info] [1542962359023] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:50:36] [cbs] [1542962359023]
new,\\10.16.10.39\share\IMG_0449_012.tif,3956192,3956182,15378501
87074,,,F
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 21% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 32% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 42% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 53% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 64% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 74% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 85% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 96% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [info] [1542962359023] [New File]... 100%
of "\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:50:37] [cbs] [1542962359023]
new,\\10.16.10.39\share\Income_2018_Mar.xls,76816,76800,153775315
2629,,,F
[2018/11/26 11:50:41] [info] [1542962359023] Total New Files = 6
[2018/11/26 11:50:41] [info] [1542962359023] Total New
Directories = 3
```

```
[2018/11/26 11:50:41] [info] [1542962359023] Total New Links = 0
[2018/11/26 11:50:41] [info] [1542962359023] Total Updated Files
= 0
[2018/11/26 11:50:41] [info] [1542962359023] Total Attributes
Changed Files = 0
[2018/11/26 11:50:41] [info] [1542962359023] Total Deleted Files
= 0
[2018/11/26 11:50:41] [info] [1542962359023] Total Deleted
Directories = 0
[2018/11/26 11:50:41] [info] [1542962359023] Total Deleted Links
= 0
[2018/11/26 11:50:41] [info] [1542962359023] Total Moved Files =
0
[2018/11/26 11:50:42] [info] [1542962359023] Saving encrypted
backup file index to 1542962258313/blocks at destination
AhsayCBS...
[2018/11/26 11:50:42] [info] [1542962359023] Saving encrypted
backup file index to 1542962258313/blocks/2018-11-26-11-50-02 at
destination AhsayCBS...
[2018/11/26 11:50:43] [info] [-] Start running post-commands
[2018/11/26 11:50:43] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 11:50:43] [info] [-] Finished running post-commands
[2018/11/26 11:50:43] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 11:50:43] [info] [1542962359023] Deleting temporary
file
C:\Users\Administrator\.obm\temp\1542962258313\OBS@1542962359023
[2018/11/26 11:50:43] [info] [1542962359023] Backup Completed
Successfully
[2018/11/26 11:50:43] [cbs] [1542962359023]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

The result is:

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: \\10.16.10.39\share\, Include: Yes, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [i]]
Backup Schedule	[Computer Name:][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes]][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: I, 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: 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\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
5	new	\\10.16.10.39\share\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
6	new	\\10.16.10.39\share\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
7	new	\\10.16.10.39\share\IMG_0449_011.bmp	3.58M / 17.02M (78%)	09/25/2018 12:36
8	new	\\10.16.10.39\share\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
9	new	\\10.16.10.39\share\Income_2018_Mar.xls	14k / 75k (81%)	09/24/2018 09:39

Backup Log:

```
[2018/11/26 11:54:57] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 11:54:57] [cbs] [1543204486628] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 11:54:58] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 11:54:58] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 11:54:59] [info] [1543204486628] Start Backup ...
[In-File Delta: Full]
[2018/11/26 11:54:59] [info] [1543204486628] Using Temporary
Directory
C:\Users\Administrator\temp\1543204365669\OBS@1543204486628
[2018/11/26 11:54:59] [cbs] [1543204486628] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543204365669\OBS@1543204486628,0,0,0
,,,
[2018/11/26 11:54:59] [info] [-] Start running pre-commands
[2018/11/26 11:54:59] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 11:54:59] [info] [-] Finished running pre-commands
[2018/11/26 11:54:59] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 11:54:59] [info] [1543204486628] Downloading server
file list...
[2018/11/26 11:55:00] [info] [1543204486628] Downloading server
file list... Completed
[2018/11/26 11:55:01] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 11:55:01] [cbs] [-] info,Contact your service
provider to enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 11:55:01] [info] [1543204486628] Reading backup
source from hard disk...
[2018/11/26 11:55:03] [info] [1543204486628] Reading backup
source from hard disk... Completed
[2018/11/26 11:55:04] [info] [1543204486628] [New Directory]...
\\
[2018/11/26 11:55:04] [cbs] [1543204486628] new,\\,0,0,0,,,D
[2018/11/26 11:55:04] [info] [1543204486628] [New Directory]...
\\10.16.10.39
```

```
[2018/11/26 11:55:04] [cbs] [1543204486628]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 11:55:04] [info] [1543204486628] [New Directory]...
\\10.16.10.39\share
[2018/11/26 11:55:04] [cbs] [1543204486628]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 11:55:04] [info] [1543204486628] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:04] [info] [1543204486628] [New File]... 21% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:04] [info] [1543204486628] [New File]... 31% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 72% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 82% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 11:55:05] [cbs] [1543204486628]
new,\\10.16.10.39\share\IMG_0449.JPG,1442384,1442376,151831788516
4,,,F
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 40% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 60% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:05] [info] [1543204486628] [New File]... 70% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 80% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 90% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 11:55:06] [cbs] [1543204486628]
new,\\10.16.10.39\share\IMG_0449_0.png,6362384,6362372,1537850117
011,,,F
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_01.gif"
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[2018/11/26 11:55:06] [info] [1543204486628] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:07] [info] [1543204486628] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:07] [info] [1543204486628] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:07] [info] [1543204486628] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 11:55:07] [cbs] [1543204486628]
new,\\10.16.10.39\share\IMG_0449_01.gif,2090384,2090373,153785014
0511,,,F
[2018/11/26 11:55:07] [info] [1543204486628] [New File]... 46% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:55:08] [info] [1543204486628] [New File]... 95% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:55:08] [info] [1543204486628] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 11:55:09] [cbs] [1543204486628]
new,\\10.16.10.39\share\IMG_0449_011.bmp,3750112,17842230,1537850
166542,,,F
[2018/11/26 11:55:09] [info] [1543204486628] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 21% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 31% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 91% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 100%
of "\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 11:55:10] [cbs] [1543204486628]
new,\\10.16.10.39\share\IMG_0449_012.tif,3957216,3956182,15378501
87074,,,F
[2018/11/26 11:55:10] [info] [1543204486628] [New File]... 100%
of "\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 11:55:10] [cbs] [1543204486628]
new,\\10.16.10.39\share\Income_2018_Mar.xls,14416,76800,153775315
2629,,,F
[2018/11/26 11:55:20] [info] [1543204486628] Total New Files = 6
[2018/11/26 11:55:20] [info] [1543204486628] Total New
Directories = 3
[2018/11/26 11:55:20] [info] [1543204486628] Total New Links = 0
[2018/11/26 11:55:20] [info] [1543204486628] Total Updated Files
= 0
[2018/11/26 11:55:20] [info] [1543204486628] Total Attributes
Changed Files = 0
[2018/11/26 11:55:20] [info] [1543204486628] Total Deleted Files
= 0
[2018/11/26 11:55:20] [info] [1543204486628] Total Deleted
Directories = 0
[2018/11/26 11:55:20] [info] [1543204486628] Total Deleted Links
= 0
[2018/11/26 11:55:20] [info] [1543204486628] Total Moved Files =
0
```

```
[2018/11/26 11:55:21] [info] [1543204486628] Saving encrypted
backup file index to 1543204365669/blocks at destination
AhsayCBS...
[2018/11/26 11:55:26] [info] [1543204486628] Saving encrypted
backup file index to 1543204365669/blocks/2018-11-26-11-54-57 at
destination AhsayCBS...
[2018/11/26 11:55:26] [info] [-] Start running post-commands
[2018/11/26 11:55:26] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 11:55:26] [info] [-] Finished running post-commands
[2018/11/26 11:55:26] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 11:55:26] [info] [1543204486628] Deleting temporary
file C:\Users\Administrator\temp\1543204365669\OBS@1543204486628
[2018/11/26 11:55:26] [info] [1543204486628] Backup Completed
Successfully
[2018/11/26 11:55:26] [cbs] [1543204486628]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

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: [i]]
Backup Schedule	[Computer Name:][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes]][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: I, 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: 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 Report:

```
[2018/11/26 12:00:24] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 12:00:24] [cbs] [1543204813623] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 12:00:24] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 12:00:24] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 12:00:25] [info] [1543204813623] Start Backup ...
[In-File Delta: Full]
[2018/11/26 12:00:25] [info] [1543204813623] Using Temporary
Directory
C:\Users\Administrator\temp\1543204742900\OBS@1543204813623
[2018/11/26 12:00:25] [cbs] [1543204813623] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543204742900\OBS@1543204813623,0,0,0
,,,
[2018/11/26 12:00:25] [info] [-] Start running pre-commands
[2018/11/26 12:00:25] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 12:00:25] [info] [-] Finished running pre-commands
[2018/11/26 12:00:25] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 12:00:25] [info] [1543204813623] Downloading server
file list...
[2018/11/26 12:00:26] [info] [1543204813623] Downloading server
file list... Completed
[2018/11/26 12:00:27] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 12:00:27] [cbs] [-] info,Contact your service
provider to enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 12:00:27] [info] [1543204813623] Reading backup
source from hard disk...
[2018/11/26 12:00:29] [info] [1543204813623] Reading backup
source from hard disk... Completed
[2018/11/26 12:00:30] [info] [1543204813623] Total New Files = 0
[2018/11/26 12:00:30] [info] [1543204813623] Total New
Directories = 0
[2018/11/26 12:00:30] [info] [1543204813623] Total New Links = 0
[2018/11/26 12:00:30] [info] [1543204813623] Total Updated Files
= 0
```

```
[2018/11/26 12:00:30] [info] [1543204813623] Total Attributes
Changed Files = 0
[2018/11/26 12:00:30] [info] [1543204813623] Total Deleted Files
= 0
[2018/11/26 12:00:30] [info] [1543204813623] Total Deleted
Directories = 0
[2018/11/26 12:00:30] [info] [1543204813623] Total Deleted Links
= 0
[2018/11/26 12:00:30] [info] [1543204813623] Total Moved Files =
0
[2018/11/26 12:00:31] [info] [1543204813623] Saving encrypted
backup file index to 1543204742900/blocks at destination
AhsayCBS...
[2018/11/26 12:00:36] [info] [1543204813623] Saving encrypted
backup file index to 1543204742900/blocks/2018-11-26-12-00-24 at
destination AhsayCBS...
[2018/11/26 12:00:37] [info] [-] Start running post-commands
[2018/11/26 12:00:37] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 12:00:37] [info] [-] Finished running post-commands
[2018/11/26 12:00:37] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 12:00:37] [info] [1543204813623] Deleting temporary
file C:\Users\Administrator\temp\1543204742900\OBS@1543204813623
[2018/11/26 12:00:37] [info] [1543204813623] Backup Completed
Successfully
[2018/11/26 12:00:37] [cbs] [1543204813623]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

The result is:

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: \\10.16.10.39\share\, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [i]]
Backup Schedule	[Computer Name:][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: I, 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: 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\Adding Temporary Folder in CBS.doc	1.4M / 1.63M (14%)	06/05/2018 19:55
5	new	\\10.16.10.39\share\AliYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
6	new	\\10.16.10.39\share\CTYun_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
7	new	\\10.16.10.39\share\Company_Profile.doc	47k / 70k (31%)	07/19/2018 16:05
8	new	\\10.16.10.39\share\Expense_2018_Mar.xls	14k / 75k (81%)	09/24/2018 09:39
9	new	\\10.16.10.39\share\Google_cloud.PNG	13k / 13k (0%)	09/18/2018 15:29
10	new	\\10.16.10.39\share\MG_0449_013.png	3.11M / 3.11M (0%)	09/25/2018 12:36
11	new	\\10.16.10.39\share\OneDrive_cloud.PNG	21k / 21k (0%)	09/18/2018 16:14
12	new	\\10.16.10.39\share\cloud_deployment_Google.pdf	901k / 1.01M (12%)	09/14/2018 15:14
13	new	\\10.16.10.39\share\cloud_deployment_OneDrive.pdf	901k / 1.01M (12%)	09/14/2018 15:14

Backup Log:

```
[2018/11/26 12:02:54] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 12:02:54] [cbs] [1543204962040] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 12:02:56] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 12:02:56] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 12:02:58] [info] [1543204962040] Start Backup ...
[In-File Delta: Full]
[2018/11/26 12:02:58] [info] [1543204962040] Using Temporary
Directory
C:\Users\Administrator\temp\1543204925065\OBS@1543204962040
[2018/11/26 12:02:58] [cbs] [1543204962040] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543204925065\OBS@1543204962040,0,0,0
,,,
[2018/11/26 12:02:58] [info] [-] Start running pre-commands
[2018/11/26 12:02:58] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 12:02:58] [info] [-] Finished running pre-commands
[2018/11/26 12:02:58] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 12:02:58] [info] [1543204962040] Downloading server
file list...
[2018/11/26 12:02:58] [info] [1543204962040] Downloading server
file list... Completed
[2018/11/26 12:02:59] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 12:02:59] [cbs] [-] info,Contact your service
provider to enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 12:02:59] [info] [1543204962040] Reading backup
source from hard disk...
[2018/11/26 12:03:01] [info] [1543204962040] [New Directory]...
\\
[2018/11/26 12:03:01] [cbs] [1543204962040] new,\\,0,0,0,,,D
[2018/11/26 12:03:01] [info] [1543204962040] [New Directory]...
\\10.16.10.39
```

```
[2018/11/26 12:03:01] [cbs] [1543204962040]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 12:03:01] [info] [1543204962040] [New Directory]...
\\10.16.10.39\share
[2018/11/26 12:03:01] [cbs] [1543204962040]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 12:03:01] [info] [1543204962040] Reading backup
source from hard disk... Completed
[2018/11/26 12:03:01] [info] [1543204962040] [New File]... 19% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:01] [info] [1543204962040] [New File]... 29% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 40% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 49% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 59% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 70% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 81% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 92% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:03:02] [cbs] [1543204962040]
new,\\10.16.10.39\share\Adding Temporary Folder in
CBS.doc,1464800,1707520,1528199700000,,,F
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\AliYun_cloud.PNG"
[2018/11/26 12:03:02] [cbs] [1543204962040]
new,\\10.16.10.39\share\AliYun_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 12:03:02] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\CTYun_cloud.PNG"
[2018/11/26 12:03:02] [cbs] [1543204962040]
new,\\10.16.10.39\share\CTYun_cloud.PNG,13776,13768,1537255780683
,,,F
[2018/11/26 12:03:03] [info] [1543204962040] [New File]... 45% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 12:03:03] [info] [1543204962040] [New File]... 68% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 12:03:03] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 12:03:03] [cbs] [1543204962040]
new,\\10.16.10.39\share\Company
Profile.doc,48864,71680,1531987501233,,,F
[2018/11/26 12:03:03] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\Expense_2018_Mar.xls"
[2018/11/26 12:03:03] [cbs] [1543204962040]
new,\\10.16.10.39\share\Expense_2018_Mar.xls,14416,76800,15377531
52629,,,F
[2018/11/26 12:03:03] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\Google_cloud.PNG"
[2018/11/26 12:03:03] [cbs] [1543204962040]
new,\\10.16.10.39\share\Google_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 12:03:04] [info] [1543204962040] [New File]... 10% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:04] [info] [1543204962040] [New File]... 20% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:04] [info] [1543204962040] [New File]... 30% of
"\\10.16.10.39\share\MG_0449_013.png"
```

```
[2018/11/26 12:03:04] [info] [1543204962040] [New File]... 40% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:04] [info] [1543204962040] [New File]... 50% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:05] [info] [1543204962040] [New File]... 60% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:05] [info] [1543204962040] [New File]... 70% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:05] [info] [1543204962040] [New File]... 80% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:05] [info] [1543204962040] [New File]... 90% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:05] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:03:05] [cbs] [1543204962040]
new,\\10.16.10.39\share\MG_0449_013.png,3258768,3258758,153785021
3417,,,F
[2018/11/26 12:03:06] [info] [1543204962040] [New File]... 75% of
"\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 12:03:06] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 12:03:06] [cbs] [1543204962040]
new,\\10.16.10.39\share\OneDrive_cloud.PNG,21632,21616,1537258459
906,,,F
[2018/11/26 12:03:06] [info] [1543204962040] [New File]... 13% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:06] [info] [1543204962040] [New File]... 23% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:07] [info] [1543204962040] [New File]... 34% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:07] [info] [1543204962040] [New File]... 47% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:07] [info] [1543204962040] [New File]... 58% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:07] [info] [1543204962040] [New File]... 68% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:07] [info] [1543204962040] [New File]... 80% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:08] [info] [1543204962040] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:08] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:03:08] [cbs] [1543204962040]
new,\\10.16.10.39\share\cloud_deplyment_Google.pdf,922736,1059298
,1536909278178,,,F
[2018/11/26 12:03:09] [info] [1543204962040] [New File]... 13% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:09] [info] [1543204962040] [New File]... 23% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:09] [info] [1543204962040] [New File]... 34% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:09] [info] [1543204962040] [New File]... 47% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:09] [info] [1543204962040] [New File]... 58% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:09] [info] [1543204962040] [New File]... 68% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:10] [info] [1543204962040] [New File]... 80% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:10] [info] [1543204962040] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:03:10] [info] [1543204962040] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
```

```
[2018/11/26 12:03:10] [cbs] [1543204962040]
new,\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf,922736,10592
98,1536909278178,,,F
[2018/11/26 12:03:13] [info] [1543204962040] Total New Files = 10
[2018/11/26 12:03:13] [info] [1543204962040] Total New
Directories = 3
[2018/11/26 12:03:13] [info] [1543204962040] Total New Links = 0
[2018/11/26 12:03:13] [info] [1543204962040] Total Updated Files
= 0
[2018/11/26 12:03:13] [info] [1543204962040] Total Attributes
Changed Files = 0
[2018/11/26 12:03:13] [info] [1543204962040] Total Deleted Files
= 0
[2018/11/26 12:03:13] [info] [1543204962040] Total Deleted
Directories = 0
[2018/11/26 12:03:13] [info] [1543204962040] Total Deleted Links
= 0
[2018/11/26 12:03:13] [info] [1543204962040] Total Moved Files =
0
[2018/11/26 12:03:14] [info] [1543204962040] Saving encrypted
backup file index to 1543204925065/blocks at destination
AhsayCBS...
[2018/11/26 12:03:19] [info] [1543204962040] Saving encrypted
backup file index to 1543204925065/blocks/2018-11-26-12-02-54 at
destination AhsayCBS...
[2018/11/26 12:03:20] [info] [-] Start running post-commands
[2018/11/26 12:03:20] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 12:03:20] [info] [-] Finished running post-commands
[2018/11/26 12:03:20] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 12:03:20] [info] [1543204962040] Deleting temporary
file C:\Users\Administrator\temp\1543204925065\OBS@1543204962040
[2018/11/26 12:03:20] [info] [1543204962040] Backup Completed
Successfully
[2018/11/26 12:03:20] [cbs] [1543204962040]
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 contains ▼
   ○ Regular expression (UNIX-style)

   Existing patterns to match

   | ▦ | cloud | X |

   [Add]

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

   | \\10.16.10.39\share\ | Change |

   The result is:

   ## Advanced Backup Source

Folders	Name
☐🖥 Computer	☐ 📄 Adding Temporary Folder in CBS.doc
⊞ ☐ 💾 Floppy Disk Drive (A:)	☑ AliYun_cloud.PNG
⊞ ☐ 🖴 OS (C:)	☑ cloud_deplyment_Google.pdf
⊞ ☐ 💿 DVD Drive (D:)	☑ cloud_deplyment_OneDrive.pdf
── ☐ 🖥 share (\\10.16.10.39) (	☐ 📄 Company Profile.doc
⊞ 🌐 Network	☑ CTYun_cloud.PNG
⊞ 📁 Libraries	☐ 📄 Expense_2018_Mar.xls
	☑ Google_cloud.PNG
	☐ 🖼 IMG_0449.JPG
	☐ 🖼 IMG_0449_0.png
	☐ 🖼 IMG_0449_01.gif
	☐ 🖼 IMG_0449_011.bmp
	☐ 🖼 IMG_0449_012.tif
	☐ 📄 Income_2018_Mar.xls
	☐ 🖼 MG_0449_013.png
	☑ 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: I, 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: 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:

```
[2018/11/26 12:06:11] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 12:06:11] [cbs] [1543205158713] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 12:06:11] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 12:06:11] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 12:06:14] [info] [1543205158713] Start Backup ...
[In-File Delta: Full]
[2018/11/26 12:06:14] [info] [1543205158713] Using Temporary
Directory
C:\Users\Administrator\temp\1543205086572\OBS@1543205158713
[2018/11/26 12:06:14] [cbs] [1543205158713] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543205086572\OBS@1543205158713,0,0,0
,,,
[2018/11/26 12:06:14] [info] [-] Start running pre-commands
[2018/11/26 12:06:14] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 12:06:14] [info] [-] Finished running pre-commands
[2018/11/26 12:06:14] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 12:06:14] [info] [1543205158713] Downloading server
file list...
[2018/11/26 12:06:19] [info] [1543205158713] Downloading server
file list... Completed
[2018/11/26 12:06:20] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 12:06:20] [cbs] [-] info,Contact your service
provider to enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 12:06:20] [info] [1543205158713] Reading backup
source from hard disk...
[2018/11/26 12:06:24] [info] [1543205158713] [New Directory]...
\\
[2018/11/26 12:06:24] [cbs] [1543205158713] new,\\,0,0,0,,,D
[2018/11/26 12:06:24] [info] [1543205158713] [New Directory]...
\\10.16.10.39
[2018/11/26 12:06:24] [cbs] [1543205158713]
new,\\10.16.10.39,0,0,0,,,D
```

```
[2018/11/26 12:06:24] [info] [1543205158713] [New Directory]...
\\10.16.10.39\share
[2018/11/26 12:06:24] [cbs] [1543205158713]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 12:06:24] [info] [1543205158713] Reading backup
source from hard disk... Completed
[2018/11/26 12:06:24] [info] [1543205158713] [New File]... 100%
of "\\10.16.10.39\share\AliYun_cloud.PNG"
[2018/11/26 12:06:24] [cbs] [1543205158713]
new,\\10.16.10.39\share\AliYun_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 12:06:24] [info] [1543205158713] [New File]... 100%
of "\\10.16.10.39\share\CTYun_cloud.PNG"
[2018/11/26 12:06:24] [cbs] [1543205158713]
new,\\10.16.10.39\share\CTYun_cloud.PNG,13776,13768,1537255780683
,,,F
[2018/11/26 12:06:24] [info] [1543205158713] [New File]... 100%
of "\\10.16.10.39\share\Google_cloud.PNG"
[2018/11/26 12:06:24] [cbs] [1543205158713]
new,\\10.16.10.39\share\Google_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 12:06:25] [info] [1543205158713] [New File]... 75% of
"\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 12:06:25] [info] [1543205158713] [New File]... 100%
of "\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 12:06:25] [cbs] [1543205158713]
new,\\10.16.10.39\share\OneDrive_cloud.PNG,21632,21616,1537258459
906,,,F
[2018/11/26 12:06:26] [info] [1543205158713] [New File]... 13% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:26] [info] [1543205158713] [New File]... 23% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:26] [info] [1543205158713] [New File]... 34% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:26] [info] [1543205158713] [New File]... 47% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:26] [info] [1543205158713] [New File]... 58% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:27] [info] [1543205158713] [New File]... 68% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:27] [info] [1543205158713] [New File]... 80% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:27] [info] [1543205158713] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:27] [info] [1543205158713] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:06:27] [cbs] [1543205158713]
new,\\10.16.10.39\share\cloud_deplyment_Google.pdf,922736,1059298
,1536909278178,,,F
[2018/11/26 12:06:28] [info] [1543205158713] [New File]... 13% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:28] [info] [1543205158713] [New File]... 23% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:28] [info] [1543205158713] [New File]... 34% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:28] [info] [1543205158713] [New File]... 47% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:28] [info] [1543205158713] [New File]... 58% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:28] [info] [1543205158713] [New File]... 68% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:29] [info] [1543205158713] [New File]... 80% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
```

```
[2018/11/26 12:06:29] [info] [1543205158713] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:29] [info] [1543205158713] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:06:29] [cbs] [1543205158713]
new,\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf,922736,10592
98,1536909278178,,,F
[2018/11/26 12:06:33] [info] [1543205158713] Total New Files = 6
[2018/11/26 12:06:33] [info] [1543205158713] Total New
Directories = 3
[2018/11/26 12:06:33] [info] [1543205158713] Total New Links = 0
[2018/11/26 12:06:33] [info] [1543205158713] Total Updated Files
= 0
[2018/11/26 12:06:33] [info] [1543205158713] Total Attributes
Changed Files = 0
[2018/11/26 12:06:33] [info] [1543205158713] Total Deleted Files
= 0
[2018/11/26 12:06:33] [info] [1543205158713] Total Deleted
Directories = 0
[2018/11/26 12:06:33] [info] [1543205158713] Total Deleted Links
= 0
[2018/11/26 12:06:33] [info] [1543205158713] Total Moved Files =
0
[2018/11/26 12:06:34] [info] [1543205158713] Saving encrypted
backup file index to 1543205086572/blocks at destination
AhsayCBS...
[2018/11/26 12:06:35] [info] [1543205158713] Saving encrypted
backup file index to 1543205086572/blocks/2018-11-26-12-06-11 at
destination AhsayCBS...
[2018/11/26 12:06:35] [info] [-] Start running post-commands
[2018/11/26 12:06:35] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 12:06:35] [info] [-] Finished running post-commands
[2018/11/26 12:06:35] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 12:06:35] [info] [1543205158713] Deleting temporary
file C:\Users\Administrator\temp\1543205086572\OBS@1543205158713
[2018/11/26 12:06:35] [info] [1543205158713] Backup Completed
Successfully
[2018/11/26 12:06:35] [cbs] [1543205158713]
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 [contains ▼]
- ○ Regular expression (UNIX-style)

Existing patterns to match

| ▒ | cloud | X |

[Add]

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

| \\10.16.10.39\share\ | [Change] |

The result is:

Advanced Backup Source

Folders	Name
⊟ 🖳 Computer	☐ Adding Temporary Folder in CBS.doc
⊞ ☐ 💾 Floppy Disk Drive (A:)	☑ AliYun_cloud.PNG
⊞ ☐ 💽 OS (C:)	☑ cloud_deplyment_Google.pdf
⊞ ☐ 💽 DVD Drive (D:)	☑ cloud_deplyment_OneDrive.pdf
☐ share (\\10.16.10.39...	☐ Company Profile.doc
⊞ 🖧 Network	☑ CTYun_cloud.PNG
⊞ 📁 Libraries	☐ Expense_2018_Mar.xls
	☑ Google_cloud.PNG
	☐ IMG_0449.JPG
	☐ IMG_0449_0.png
	☐ IMG_0449_01.gif
	☐ IMG_0449_011.bmp
	☐ IMG_0449_012.tif
	☐ Income_2018_Mar.xls
	☐ MG_0449_013.png
	☑ 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-1, Type: contain, Top Directory: \\10.16.10.39\share\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name:][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes]][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: I, 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: 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:

```
[2018/11/26 12:08:38] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 12:08:38] [cbs] [1543205304588] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 12:08:39] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 12:08:39] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 12:08:40] [info] [1543205304588] Start Backup ...
[In-File Delta: Full]
[2018/11/26 12:08:40] [info] [1543205304588] Using Temporary
Directory
C:\Users\Administrator\temp\1543205269453\OBS@1543205304588
[2018/11/26 12:08:40] [cbs] [1543205304588] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543205269453\OBS@1543205304588,0,0,0
,,,
[2018/11/26 12:08:40] [info] [-] Start running pre-commands
[2018/11/26 12:08:40] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 12:08:40] [info] [-] Finished running pre-commands
[2018/11/26 12:08:40] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 12:08:40] [info] [1543205304588] Downloading server
file list...
[2018/11/26 12:08:49] [info] [1543205304588] Downloading server
file list... Completed
[2018/11/26 12:08:50] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 12:08:50] [cbs] [-] info,Contact your service
provider to enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 12:08:50] [info] [1543205304588] Reading backup
source from hard disk...
[2018/11/26 12:08:52] [info] [1543205304588] Reading backup
source from hard disk... Completed
[2018/11/26 12:08:52] [info] [1543205304588] [New Directory]...
\\
[2018/11/26 12:08:52] [cbs] [1543205304588] new,\\,0,0,0,,,D
[2018/11/26 12:08:52] [info] [1543205304588] [New Directory]...
\\10.16.10.39
```

```
[2018/11/26 12:08:52] [cbs] [1543205304588]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 12:08:52] [info] [1543205304588] [New Directory]...
\\10.16.10.39\share
[2018/11/26 12:08:52] [cbs] [1543205304588]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 12:08:53] [info] [1543205304588] [New File]... 100%
of "\\10.16.10.39\share\AliYun_cloud.PNG"
[2018/11/26 12:08:53] [cbs] [1543205304588]
new,\\10.16.10.39\share\AliYun_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 12:08:53] [info] [1543205304588] [New File]... 100%
of "\\10.16.10.39\share\CTYun_cloud.PNG"
[2018/11/26 12:08:53] [cbs] [1543205304588]
new,\\10.16.10.39\share\CTYun_cloud.PNG,13776,13768,1537255780683
,,,F
[2018/11/26 12:08:53] [info] [1543205304588] [New File]... 100%
of "\\10.16.10.39\share\Google_cloud.PNG"
[2018/11/26 12:08:53] [cbs] [1543205304588]
new,\\10.16.10.39\share\Google_cloud.PNG,13776,13768,153725578068
3,,,F
[2018/11/26 12:08:53] [info] [1543205304588] [New File]... 75% of
"\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 12:08:53] [info] [1543205304588] [New File]... 100%
of "\\10.16.10.39\share\OneDrive_cloud.PNG"
[2018/11/26 12:08:53] [cbs] [1543205304588]
new,\\10.16.10.39\share\OneDrive_cloud.PNG,21632,21616,1537258459
906,,,F
[2018/11/26 12:08:53] [info] [1543205304588] [New File]... 13% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:53] [info] [1543205304588] [New File]... 23% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 34% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 47% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 58% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 68% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 80% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_Google.pdf"
[2018/11/26 12:08:54] [cbs] [1543205304588]
new,\\10.16.10.39\share\cloud_deplyment_Google.pdf,922736,1059298
,1536909278178,,,F
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 13% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 23% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 34% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:54] [info] [1543205304588] [New File]... 47% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:55] [info] [1543205304588] [New File]... 58% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:55] [info] [1543205304588] [New File]... 68% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:55] [info] [1543205304588] [New File]... 80% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
```

```
[2018/11/26 12:08:55] [info] [1543205304588] [New File]... 91% of
"\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:55] [info] [1543205304588] [New File]... 100%
of "\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf"
[2018/11/26 12:08:55] [cbs] [1543205304588]
new,\\10.16.10.39\share\cloud_deplyment_OneDrive.pdf,922736,10592
98,1536909278178,,,F
[2018/11/26 12:08:57] [info] [1543205304588] Total New Files = 6
[2018/11/26 12:08:57] [info] [1543205304588] Total New
Directories = 3
[2018/11/26 12:08:57] [info] [1543205304588] Total New Links = 0
[2018/11/26 12:08:57] [info] [1543205304588] Total Updated Files
= 0
[2018/11/26 12:08:57] [info] [1543205304588] Total Attributes
Changed Files = 0
[2018/11/26 12:08:57] [info] [1543205304588] Total Deleted Files
= 0
[2018/11/26 12:08:57] [info] [1543205304588] Total Deleted
Directories = 0
[2018/11/26 12:08:57] [info] [1543205304588] Total Deleted Links
= 0
[2018/11/26 12:08:57] [info] [1543205304588] Total Moved Files =
0
[2018/11/26 12:08:58] [info] [1543205304588] Saving encrypted
backup file index to 1543205269453/blocks at destination
AhsayCBS...
[2018/11/26 12:08:58] [info] [1543205304588] Saving encrypted
backup file index to 1543205269453/blocks/2018-11-26-12-08-38 at
destination AhsayCBS...
[2018/11/26 12:08:59] [info] [-] Start running post-commands
[2018/11/26 12:08:59] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 12:08:59] [info] [-] Finished running post-commands
[2018/11/26 12:08:59] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 12:08:59] [info] [1543205304588] Deleting temporary
file C:\Users\Administrator\temp\1543205269453\OBS@1543205304588
[2018/11/26 12:08:59] [info] [1543205304588] Backup Completed
Successfully
[2018/11/26 12:08:59] [cbs] [1543205304588]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

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: ends with, Top Directory: \\10.16.10.39\share\, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name:][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes]][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: I, 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: 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:

```
[2018/11/26 12:11:16] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 12:11:16] [cbs] [1543205457016] start,"Start
[ Windows Server 2012 (Work12-w12x), AhsayOBM
v7.17.0.30 ]",0,0,0,,,
[2018/11/26 12:11:16] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 12:11:16] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 12:11:17] [info] [1543205457016] Start Backup ...
[In-File Delta: Full]
[2018/11/26 12:11:17] [info] [1543205457016] Using Temporary
Directory
C:\Users\Administrator\temp\1543205417044\OBS@1543205457016
[2018/11/26 12:11:17] [cbs] [1543205457016] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543205417044\OBS@1543205457016,0,0,0
,,,
[2018/11/26 12:11:17] [info] [-] Start running pre-commands
[2018/11/26 12:11:17] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 12:11:17] [info] [-] Finished running pre-commands
[2018/11/26 12:11:17] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 12:11:17] [info] [1543205457016] Downloading server
file list...
[2018/11/26 12:11:19] [info] [1543205457016] Downloading server
file list... Completed
[2018/11/26 12:11:20] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 12:11:20] [cbs] [-] info,Contact your service
provider to enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 12:11:20] [info] [1543205457016] Reading backup
source from hard disk...
[2018/11/26 12:11:22] [info] [1543205457016] Reading backup
source from hard disk... Completed
[2018/11/26 12:11:23] [info] [1543205457016] Total New Files = 0
[2018/11/26 12:11:23] [info] [1543205457016] Total New
Directories = 0
[2018/11/26 12:11:23] [info] [1543205457016] Total New Links = 0
[2018/11/26 12:11:23] [info] [1543205457016] Total Updated Files
= 0
[2018/11/26 12:11:23] [info] [1543205457016] Total Attributes
Changed Files = 0
```

```
[2018/11/26 12:11:23] [info] [1543205457016] Total Deleted Files
= 0
[2018/11/26 12:11:23] [info] [1543205457016] Total Deleted
Directories = 0
[2018/11/26 12:11:23] [info] [1543205457016] Total Deleted Links
= 0
[2018/11/26 12:11:23] [info] [1543205457016] Total Moved Files =
0
[2018/11/26 12:11:24] [info] [1543205457016] Saving encrypted
backup file index to 1543205417044/blocks at destination
AhsayCBS...
[2018/11/26 12:11:24] [info] [1543205457016] Saving encrypted
backup file index to 1543205417044/blocks/2018-11-26-12-11-16 at
destination AhsayCBS...
[2018/11/26 12:11:25] [info] [-] Start running post-commands
[2018/11/26 12:11:25] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 12:11:25] [info] [-] Finished running post-commands
[2018/11/26 12:11:25] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 12:11:25] [info] [1543205457016] Deleting temporary
file C:\Users\Administrator\temp\1543205417044\OBS@1543205457016
[2018/11/26 12:11:25] [info] [1543205457016] Backup Completed
Successfully
[2018/11/26 12:11:25] [cbs] [1543205457016]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

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 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: \\10.16.10.39\share\, Include: No, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [cloud]]
Backup Schedule	[Computer Name:][Daily: [Name: Backup Schedule, Time: 20: 0, Type: , Duration: -1, Retention Policy: Yes]][Weekly:][Monthly:][Custom:]
Continuous Data Protection	[Enabled: No]
In-File Delta	[Enabled: Yes, Default Type: I, 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: 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\Adding Temporary Folder in CBS.doc	1.4M / 1.63M (14%)	06/05/2018 19:55
5	new	\\10.16.10.39\share\Company Profile.doc	47k / 70k (31%)	07/19/2018 16:05
6	new	\\10.16.10.39\share\Expense_2018_Mar.xls	14k / 75k (81%)	09/24/2018 09:39
7	new	\\10.16.10.39\share\IMG_0449.JPG	1.38M / 1.38M (0%)	02/11/2018 10:58
8	new	\\10.16.10.39\share\IMG_0449_0.png	6.07M / 6.07M (0%)	09/25/2018 12:35
9	new	\\10.16.10.39\share\IMG_0449_01.gif	1.99M / 1.99M (0%)	09/25/2018 12:35
10	new	\\10.16.10.39\share\IMG_0449_011.bmp	3.58M / 17.02M (78%)	09/25/2018 12:36
11	new	\\10.16.10.39\share\IMG_0449_012.tif	3.77M / 3.77M (0%)	09/25/2018 12:36
12	new	\\10.16.10.39\share\Income_2018_Mar.xls	14k / 75k (81%)	09/24/2018 09:39
13	new	\\10.16.10.39\share\MG_0449_013.png	3.11M / 3.11M (0%)	09/25/2018 12:36

Backup Log:

```
[2018/11/26 12:13:15] [info] [-] Start [ Windows Server 2012 (Work12-
w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 12:13:15] [cbs] [1543205586333] start,"Start [ Windows
Server 2012 (Work12-w12x), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/26 12:13:17] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 12:13:17] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
[2018/11/26 12:13:19] [info] [1543205586333] Start Backup ... [In-
File Delta: Full]
[2018/11/26 12:13:19] [info] [1543205586333] Using Temporary
Directory C:\Users\Administrator\temp\1543205540877\OBS@1543205586333
[2018/11/26 12:13:19] [cbs] [1543205586333] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543205540877\OBS@1543205586333,0,0,0,,,
[2018/11/26 12:13:19] [info] [-] Start running pre-commands
[2018/11/26 12:13:19] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 12:13:19] [info] [-] Finished running pre-commands
[2018/11/26 12:13:19] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 12:13:19] [info] [1543205586333] Downloading server file
list...
[2018/11/26 12:13:20] [info] [1543205586333] Downloading server file
list... Completed
[2018/11/26 12:13:21] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 12:13:21] [cbs] [-] info,Contact your service provider to
enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 12:13:21] [info] [1543205586333] Reading backup source
from hard disk...
[2018/11/26 12:13:23] [info] [1543205586333] [New Directory]... \\
[2018/11/26 12:13:23] [cbs] [1543205586333] new,\\,0,0,0,,,D
[2018/11/26 12:13:23] [info] [1543205586333] [New Directory]...
\\10.16.10.39
[2018/11/26 12:13:23] [cbs] [1543205586333]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 12:13:23] [info] [1543205586333] [New Directory]...
\\10.16.10.39\share
[2018/11/26 12:13:23] [cbs] [1543205586333]
new,\\10.16.10.39\share,0,0,0,,,D
```

```
[2018/11/26 12:13:23] [info] [1543205586333] Reading backup source
from hard disk... Completed
[2018/11/26 12:13:25] [info] [1543205586333] [New File]... 19% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:25] [info] [1543205586333] [New File]... 29% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:25] [info] [1543205586333] [New File]... 40% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:25] [info] [1543205586333] [New File]... 49% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:25] [info] [1543205586333] [New File]... 59% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:25] [info] [1543205586333] [New File]... 70% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:25] [info] [1543205586333] [New File]... 81% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:26] [info] [1543205586333] [New File]... 92% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:26] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\Adding Temporary Folder in CBS.doc"
[2018/11/26 12:13:26] [cbs] [1543205586333]
new,\\10.16.10.39\share\Adding Temporary Folder in
CBS.doc,1464800,1707520,1528199700000,,,F
[2018/11/26 12:13:26] [info] [1543205586333] [New File]... 45% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 12:13:26] [info] [1543205586333] [New File]... 68% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 12:13:26] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\Company Profile.doc"
[2018/11/26 12:13:26] [cbs] [1543205586333]
new,\\10.16.10.39\share\Company
Profile.doc,48864,71680,1531987501233,,,F
[2018/11/26 12:13:26] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\Expense_2018_Mar.xls"
[2018/11/26 12:13:26] [cbs] [1543205586333]
new,\\10.16.10.39\share\Expense_2018_Mar.xls,14416,76800,153775315262
9,,,F
[2018/11/26 12:13:27] [info] [1543205586333] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:28] [info] [1543205586333] [New File]... 21% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:28] [info] [1543205586333] [New File]... 31% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:28] [info] [1543205586333] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:28] [info] [1543205586333] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:29] [info] [1543205586333] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:29] [info] [1543205586333] [New File]... 72% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:29] [info] [1543205586333] [New File]... 82% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:29] [info] [1543205586333] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:29] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\IMG_0449.JPG"
[2018/11/26 12:13:29] [cbs] [1543205586333]
new,\\10.16.10.39\share\IMG_0449.JPG,1442384,1442376,1518317885164,,,
F
[2018/11/26 12:13:29] [info] [1543205586333] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 40% of
"\\10.16.10.39\share\IMG_0449_0.png"
```

```
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 50% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 60% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 70% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 80% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 90% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:30] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\IMG_0449_0.png"
[2018/11/26 12:13:31] [cbs] [1543205586333]
new,\\10.16.10.39\share\IMG_0449_0.png,6362384,6362372,1537850117011,
,,F
[2018/11/26 12:13:32] [info] [1543205586333] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:32] [info] [1543205586333] [New File]... 20% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 30% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 92% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\IMG_0449_01.gif"
[2018/11/26 12:13:33] [cbs] [1543205586333]
new,\\10.16.10.39\share\IMG_0449_01.gif,2090384,2090373,1537850140511
,,,F
[2018/11/26 12:13:38] [info] [1543205586333] [New File]... 46% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 12:13:42] [info] [1543205586333] [New File]... 95% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 12:13:44] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\IMG_0449_011.bmp"
[2018/11/26 12:13:47] [cbs] [1543205586333]
new,\\10.16.10.39\share\IMG_0449_011.bmp,3750112,17842230,15378501665
42,,,F
[2018/11/26 12:13:47] [info] [1543205586333] [New File]... 10% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:48] [info] [1543205586333] [New File]... 21% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:48] [info] [1543205586333] [New File]... 31% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:48] [info] [1543205586333] [New File]... 41% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:48] [info] [1543205586333] [New File]... 51% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:48] [info] [1543205586333] [New File]... 61% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:48] [info] [1543205586333] [New File]... 71% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:48] [info] [1543205586333] [New File]... 81% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:49] [info] [1543205586333] [New File]... 91% of
"\\10.16.10.39\share\IMG_0449_012.tif"
[2018/11/26 12:13:49] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\IMG_0449_012.tif"
```

```
[2018/11/26 12:13:49] [cbs] [1543205586333]
new,\\10.16.10.39\share\IMG_0449_012.tif,3957216,3956182,153785018707
4,,,F
[2018/11/26 12:13:49] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\Income_2018_Mar.xls"
[2018/11/26 12:13:49] [cbs] [1543205586333]
new,\\10.16.10.39\share\Income_2018_Mar.xls,14416,76800,1537753152629
,,,F
[2018/11/26 12:13:50] [info] [1543205586333] [New File]... 10% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:50] [info] [1543205586333] [New File]... 20% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:51] [info] [1543205586333] [New File]... 30% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:51] [info] [1543205586333] [New File]... 40% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:51] [info] [1543205586333] [New File]... 50% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:51] [info] [1543205586333] [New File]... 60% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:51] [info] [1543205586333] [New File]... 70% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:51] [info] [1543205586333] [New File]... 80% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:52] [info] [1543205586333] [New File]... 90% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:52] [info] [1543205586333] [New File]... 100% of
"\\10.16.10.39\share\MG_0449_013.png"
[2018/11/26 12:13:58] [cbs] [1543205586333]
new,\\10.16.10.39\share\MG_0449_013.png,3258768,3258758,1537850213417
,,,F
[2018/11/26 12:13:59] [info] [1543205586333] Total New Files = 10
[2018/11/26 12:13:59] [info] [1543205586333] Total New Directories =
3
[2018/11/26 12:13:59] [info] [1543205586333] Total New Links = 0
[2018/11/26 12:13:59] [info] [1543205586333] Total Updated Files = 0
[2018/11/26 12:13:59] [info] [1543205586333] Total Attributes Changed
Files = 0
[2018/11/26 12:13:59] [info] [1543205586333] Total Deleted Files = 0
[2018/11/26 12:13:59] [info] [1543205586333] Total Deleted
Directories = 0
[2018/11/26 12:13:59] [info] [1543205586333] Total Deleted Links = 0
[2018/11/26 12:13:59] [info] [1543205586333] Total Moved Files = 0
[2018/11/26 12:14:00] [info] [1543205586333] Saving encrypted backup
file index to 1543205540877/blocks at destination AhsayCBS...
[2018/11/26 12:14:00] [info] [1543205586333] Saving encrypted backup
file index to 1543205540877/blocks/2018-11-26-12-13-15 at destination
AhsayCBS...
[2018/11/26 12:14:01] [info] [-] Start running post-commands
[2018/11/26 12:14:01] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 12:14:01] [info] [-] Finished running post-commands
[2018/11/26 12:14:01] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 12:14:01] [info] [1543205586333] Deleting temporary file
C:\Users\Administrator\temp\1543205540877\OBS@1543205586333
[2018/11/26 12:14:01] [info] [1543205586333] Backup Completed
Successfully
[2018/11/26 12:14:01] [cbs] [1543205586333]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

For each of the matched files/folders under top directory
○ Include them
● Exclude them

☐ Include all unmatched files/folders

Match file/folder names by
● Simple comparison | contains ▾
○ Regular expression (UNIX-style)

Existing patterns to match

| ▨ | 2017 | X |

Add

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

| \\10.16.10.39\share\ | Change |

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

For each of the matched files/folders under top directory
● Include them
○ Exclude them

☑ Exclude all unmatched files/folders

Match file/folder names by
● Simple comparison | contains ▾
○ Regular expression (UNIX-style)
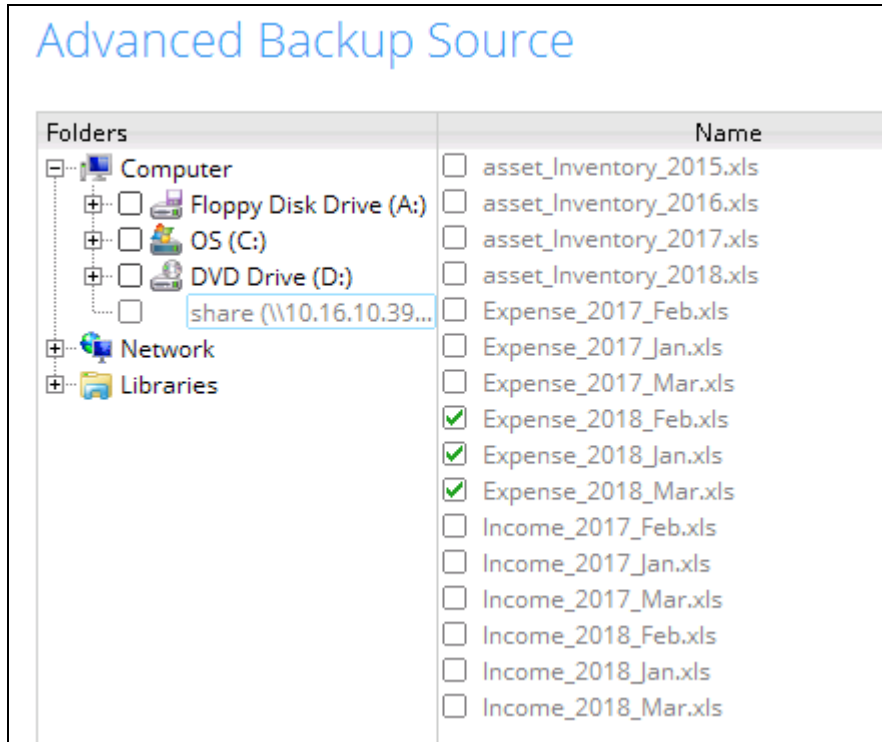
Existing patterns to match

| ▨ | expense | X |

Add

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

| \\10.16.10.39\share\ | Change |

The result is:

Advanced Backup Source

Folders	Name
Computer	☐ asset_Inventory_2015.xls
☐ Floppy Disk Drive (A:)	☐ asset_Inventory_2016.xls
☐ OS (C:)	☐ asset_Inventory_2017.xls
☐ DVD Drive (D:)	☐ asset_Inventory_2018.xls
☐ share (\\10.16.10.39...	☐ Expense_2017_Feb.xls
Network	☐ Expense_2017_Jan.xls
Libraries	☐ Expense_2017_Mar.xls
	☑ Expense_2018_Feb.xls
	☑ Expense_2018_Jan.xls
	☑ Expense_2018_Mar.xls
	☐ Income_2017_Feb.xls
	☐ Income_2017_Jan.xls
	☐ Income_2017_Mar.xls
	☐ Income_2018_Feb.xls
	☐ Income_2018_Jan.xls
	☐ 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: \\10.16.10.39\share\, Include: No, Exclude all unmatched files/folders: No, Apply to: No, Apply to files: Yes, Pattern: [2017]][Name: Filter-2, Type: contain, Top Directory: \\10.16.10.39\share\, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [expense]]
Backup Schedule	[Computer Name:][Daily: [Name: Backup Schedule, 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: [], 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\Expense_2018_Feb.xls	14k / 75k (81%)	09/24/2018 09:39
5	new	\\10.16.10.39\share\Expense_2018_Jan.xls	14k / 75k (81%)	09/24/2018 09:39
6	new	\\10.16.10.39\share\Expense_2018_Mar.xls	14k / 75k (81%)	09/24/2018 09:39

Backup Log:

```
[2018/11/26 12:19:25] [info] [-] Start [ Windows Server 2012
(Work12-w12x), AhsayOBM v7.17.0.30 ]
[2018/11/26 12:19:25] [cbs] [1543205957726] start,"Start [ Windows
Server 2012 (Work12-w12x), AhsayOBM v7.17.0.30 ]",0,0,0,,,
[2018/11/26 12:19:26] [info] [-] Saving encrypted backup set
encryption keys to server...
[2018/11/26 12:19:26] [cbs] [-] info,Saving encrypted backup set
encryption keys to server...,0,0,0,,,
```

```
[2018/11/26 12:19:27] [info] [1543205957726] Start Backup ... [In-
File Delta: Full]
[2018/11/26 12:19:27] [info] [1543205957726] Using Temporary
Directory
C:\Users\Administrator\temp\1543205863583\OBS@1543205957726
[2018/11/26 12:19:27] [cbs] [1543205957726] info,Using Temporary
Directory
C:\Users\Administrator\temp\1543205863583\OBS@1543205957726,0,0,0,,
,
[2018/11/26 12:19:27] [info] [-] Start running pre-commands
[2018/11/26 12:19:27] [cbs] [-] info,Start running pre-
commands,0,0,0,,,
[2018/11/26 12:19:27] [info] [-] Finished running pre-commands
[2018/11/26 12:19:27] [cbs] [-] info,Finished running pre-
commands,0,0,0,,,
[2018/11/26 12:19:27] [info] [1543205957726] Downloading server
file list...
[2018/11/26 12:19:32] [info] [1543205957726] Downloading server
file list... Completed
[2018/11/26 12:19:33] [info] [-] Contact your service provider to
enable [Volume Shadow Copy] support
[2018/11/26 12:19:33] [cbs] [-] info,Contact your service provider
to enable [Volume Shadow Copy] support,0,0,0,,,
[2018/11/26 12:19:33] [info] [1543205957726] Reading backup source
from hard disk...
[2018/11/26 12:19:36] [info] [1543205957726] Reading backup source
from hard disk... Completed
[2018/11/26 12:19:36] [info] [1543205957726] [New Directory]... \\
[2018/11/26 12:19:36] [cbs] [1543205957726] new,\\,0,0,0,,,D
[2018/11/26 12:19:36] [info] [1543205957726] [New Directory]...
\\10.16.10.39
[2018/11/26 12:19:36] [cbs] [1543205957726]
new,\\10.16.10.39,0,0,0,,,D
[2018/11/26 12:19:36] [info] [1543205957726] [New Directory]...
\\10.16.10.39\share
[2018/11/26 12:19:36] [cbs] [1543205957726]
new,\\10.16.10.39\share,0,0,0,,,D
[2018/11/26 12:19:36] [info] [1543205957726] [New File]... 100% of
"\\10.16.10.39\share\Expense_2018_Feb.xls"
[2018/11/26 12:19:36] [cbs] [1543205957726]
new,\\10.16.10.39\share\Expense_2018_Feb.xls,14416,76800,1537753152
629,,,F
[2018/11/26 12:19:36] [info] [1543205957726] [New File]... 100% of
"\\10.16.10.39\share\Expense_2018_Jan.xls"
[2018/11/26 12:19:36] [cbs] [1543205957726]
new,\\10.16.10.39\share\Expense_2018_Jan.xls,14416,76800,1537753152
629,,,F
[2018/11/26 12:19:36] [info] [1543205957726] [New File]... 100% of
"\\10.16.10.39\share\Expense_2018_Mar.xls"
[2018/11/26 12:19:36] [cbs] [1543205957726]
new,\\10.16.10.39\share\Expense_2018_Mar.xls,14416,76800,1537753152
629,,,F
[2018/11/26 12:19:37] [info] [1543205957726] Total New Files = 3
[2018/11/26 12:19:37] [info] [1543205957726] Total New Directories
= 3
[2018/11/26 12:19:37] [info] [1543205957726] Total New Links = 0
[2018/11/26 12:19:37] [info] [1543205957726] Total Updated Files =
0
[2018/11/26 12:19:37] [info] [1543205957726] Total Attributes
Changed Files = 0
```

```
[2018/11/26 12:19:37] [info] [1543205957726] Total Deleted Files =
0
[2018/11/26 12:19:37] [info] [1543205957726] Total Deleted
Directories = 0
[2018/11/26 12:19:37] [info] [1543205957726] Total Deleted Links =
0
[2018/11/26 12:19:37] [info] [1543205957726] Total Moved Files = 0
[2018/11/26 12:19:38] [info] [1543205957726] Saving encrypted
backup file index to 1543205863583/blocks at destination
AhsayCBS...
[2018/11/26 12:19:43] [info] [1543205957726] Saving encrypted
backup file index to 1543205863583/blocks/2018-11-26-12-19-25 at
destination AhsayCBS...
[2018/11/26 12:19:44] [info] [-] Start running post-commands
[2018/11/26 12:19:44] [cbs] [-] info,Start running post-
commands,0,0,0,,,
[2018/11/26 12:19:44] [info] [-] Finished running post-commands
[2018/11/26 12:19:44] [cbs] [-] info,Finished running post-
commands,0,0,0,,,
[2018/11/26 12:19:44] [info] [1543205957726] Deleting temporary
file C:\Users\Administrator\temp\1543205863583\OBS@1543205957726
[2018/11/26 12:19:44] [info] [1543205957726] Backup Completed
Successfully
[2018/11/26 12:19:44] [cbs] [1543205957726]
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

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

Filter **Name** [Filter that starts with uppercase letter C] × **Matching pattern** ＋ 🗑 ☐ | Pattern 🔲 ☐ C **For each of the matched files/folders under top directory** ◉ Include them ○ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ◉ Simple comparison [starts with ∨] ○ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ○ All hard disk drives ◉ This folder only [/mnt/backupfiles] Apply to ☑ File ☐ Folder	Filter Name = Filter that starts with uppercase letter C Matching Pattern = C Filter Mode = Include Them Exclude all others = True Matching Type = Simple Comparison | Starts With Apply To = File Directory = /mnt/backupfiles
	As a result, these are the total files and directories that have been successfully backed up: Total New Files = 6 1. CloudBackup_001.txt 2. CloudBackup_002.txt 3. CloudBackup_003.txt 4. Configuration_Guide2016.docx 5. Configuration_Guide2017.docx 6. Configuration_Guide2018.docx Total New Directories = 6 1. / 2. /mnt 3. /mnt/backupfiles 4. /root 5. /usr 6. /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 backupfiles, 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/backupfiles, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [C]]
Backup Schedule	[Computer Name: centos7][Daily: [Name: BackupSchedule-4, 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/mnt	25 / 25 (0%)	10/09/2018 09:19
3	new	/mnt/backupfiles	195 / 195 (0%)	11/24/2018 10:06
4	new	/root	4k / 4k (0%)	11/22/2018 11:59
5	new	/usr	155 / 155 (0%)	02/15/2017 09:29
6	new	/usr/local	220 / 220 (0%)	11/22/2018 16:39
7	new	/mnt/backupfiles/CloudBackup_001.txt	16 / 0 (0%)	11/24/2018 10:05
8	new	/mnt/backupfiles/CloudBackup_002.txt	16 / 0 (0%)	11/24/2018 10:05
9	new	/mnt/backupfiles/CloudBackup_003.txt	16 / 0 (0%)	11/24/2018 10:05
10	new	/mnt/backupfiles/Configuration_Guide2016.docx	16 / 0 (0%)	11/24/2018 10:06
11	new	/mnt/backupfiles/Configuration_Guide2017.docx	16 / 0 (0%)	11/24/2018 10:06
12	new	/mnt/backupfiles/Configuration_Guide2018.docx	16 / 0 (0%)	11/24/2018 10:06

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1543025025331/Backup
#cat 2018-11-24-10-15-06.log

Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1543025025331/OBS@1543025664467
info,Using Temporary Directory
/root/temp/1543025025331/OBS@1543025664467,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /mnt
new,/mnt,25,25,1539047957000,,,D
[New Directory]... /mnt/backupfiles
new,/mnt/backupfiles,195,195,1543025197000,,,D
[New Directory]... /root
```

```
new,/root,4096,4096,1542859173000,,,D
[New Directory]... /usr
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
new,/usr/local,220,220,1542875989000,,,D
[New File]... 100% of "/mnt/backupfiles/CloudBackup_001.txt"
new,/mnt/backupfiles/CloudBackup_001.txt,16,0,1543025151000,,,F
[New File]... 100% of "/mnt/backupfiles/CloudBackup_002.txt"
new,/mnt/backupfiles/CloudBackup_002.txt,16,0,1543025155000,,,F
[New File]... 100% of "/mnt/backupfiles/CloudBackup_003.txt"
new,/mnt/backupfiles/CloudBackup_003.txt,16,0,1543025158000,,,F
[New File]... 100% of "/mnt/backupfiles/Configuration_Guide2016.docx"
new,/mnt/backupfiles/Configuration_Guide2016.docx,16,0,1543025197000,,,F
[New File]... 100% of "/mnt/backupfiles/Configuration_Guide2017.docx"
new,/mnt/backupfiles/Configuration_Guide2017.docx,16,0,1543025194000,,,F
[New File]... 100% of "/mnt/backupfiles/Configuration_Guide2018.docx"
new,/mnt/backupfiles/Configuration_Guide2018.docx,16,0,1543025190000,,,F
Total New Files = 6
Total New Directories = 6
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1543025025331/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1543025025331/blocks/2018-11-24-10-15-
06 at destination AhsayCBS...
Start running post-commands
info,Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1543025025331/OBS@1543025664467
Backup Completed Successfully
end,BS_STOP_SUCCESS,0,0,0,,,
```

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

Filter	
Name Filter that contains the word Backup Regular Expression **Matching pattern** ➕ 🗑 ☐ Pattern ▨ ☐ ^.*Backup.*$ **For each of the matched files/folders under top directory** ◉ Include them ◯ Exclude them **Exclusion** ☑ Exclude all unmatched files/folders **Match file/folder names by** ◯ Simple comparison [starts with ▼] ◉ Regular expression (UNIX-style) **How to Apply This Filter** Apply this filter to all files/folders in ◯ All hard disk drives ◉ This folder only [/mnt/backupfiles] Apply to ☑ File ☐ Folder	Filter Name = Filter that contains the word Backup Regular Expression Matching Pattern = ^.*Backup.*$ Filter Mode = Include Them Exclude all others = True Matching Type = Simple Comparison | Starts With Apply To = File Directory = /mnt/backupfiles

	As a result, these are the total files and directories that have been successfully backed up:
	
	Total New Files = 6
	    1. Cloud<u>Backup_</u>001.txt
	    2. Cloud<u>Backup_</u>002.txt
	    3. Cloud<u>Backup_</u>003.txt
	
	Total New Directories = 6
	    1. /
	    2. /mnt
	    3. /mnt/backupfiles
	    4. /root
	    5. /usr
	    6. /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 backupfiles, 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 Expression1, Type: Custom, Top Directory: /mnt/backupfiles, Include: Yes, Exclude all unmatched files/folders: Yes, Apply to: No, Apply to files: Yes, Pattern: [^.*Backup.*$]]
Backup Schedule	[Computer Name: centos7][Daily: [Name: BackupSchedule-9, 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: [], 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	/	4k / 4k (0%)	11/09/2018 16:49
2	new	/mnt	25 / 25 (0%)	10/09/2018 09:19
3	new	/mnt/backupfiles	195 / 195 (0%)	11/24/2018 10:06
4	new	/root	4k / 4k (0%)	11/22/2018 11:59
5	new	/usr	155 / 155 (0%)	02/15/2017 09:29
6	new	/usr/local	220 / 220 (0%)	11/22/2018 16:39
7	new	/mnt/backupfiles/CloudBackup_001.txt	16 / 0 (0%)	11/24/2018 10:05
8	new	/mnt/backupfiles/CloudBackup_002.txt	16 / 0 (0%)	11/24/2018 10:05
9	new	/mnt/backupfiles/CloudBackup_003.txt	16 / 0 (0%)	11/24/2018 10:05

Backup Logs from Command Line Interface (CLI)

```
#cd /root/.obm/log/1543143809874/Backup
#cat 2018-11-25-19-11-00.log


Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM v7.17.0.50 ]
start,"Start [ Linux 3.10.0-514.10.2.el7.x86_64 (centos7), AhsayOBM
v7.17.0.50 ]",0,0,0,,,
Saving encrypted backup set encryption keys to server...
info,Saving encrypted backup set encryption keys to server...,0,0,0,,,
Start Backup ... [In-File Delta: Incremental]
Using Temporary Directory /root/temp/1543143809874/OBS@1543144216759
info,Using Temporary Directory
/root/temp/1543143809874/OBS@1543144216759,0,0,0,,,
Start running pre-commands
info,Start running pre-commands,0,0,0,,,
Finished running pre-commands
info,Finished running pre-commands,0,0,0,,,
Downloading server file list...
Downloading server file list... Completed
Reading backup source from hard disk...
Reading backup source from hard disk... Completed
[New Directory]... /
new,/,4096,4096,1541753383000,,,D
[New Directory]... /mnt
new,/mnt,25,25,1539047957000,,,D
[New Directory]... /mnt/backupfiles
new,/mnt/backupfiles,195,195,1543025197000,,,D
[New Directory]... /root
new,/root,4096,4096,1542859173000,,,D
[New Directory]... /usr
```

```
new,/usr,155,155,1487122181000,,,D
[New Directory]... /usr/local
new,/usr/local,220,220,1542875989000,,,D
[New File]... 100% of "/mnt/backupfiles/CloudBackup_001.txt"
new,/mnt/backupfiles/CloudBackup_001.txt,16,0,1543025151000,,,F
[New File]... 100% of "/mnt/backupfiles/CloudBackup_002.txt"
new,/mnt/backupfiles/CloudBackup_002.txt,16,0,1543025155000,,,F
[New File]... 100% of "/mnt/backupfiles/CloudBackup_003.txt"
new,/mnt/backupfiles/CloudBackup_003.txt,16,0,1543025158000,,,F
Total New Files = 3
Total New Directories = 6
Total New Links = 0
Total Updated Files = 0
Total Attributes Changed Files = 0
Total Deleted Files = 0
Total Deleted Directories = 0
Total Deleted Links = 0
Total Moved Files = 0
Saving encrypted backup file index to 1543143809874/blocks at destination
AhsayCBS...
Saving encrypted backup file index to 1543143809874/blocks/2018-11-25-19-11-
00 at destination AhsayCBS...
Start running post-commands
info,Start running post-commands,0,0,0,,,
Finished running post-commands
info,Finished running post-commands,0,0,0,,,
Deleting temporary file /root/temp/1543143809874/OBS@1543144216759
Backup Completed Successfully
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
- $Recycle.Bin (Vista, 2008/R2, Win7)
- RECYCLER (2000, XP, 2003)
- RECYCLED
- C:\Documents and Settings\All Users\Application Data\Microsoft, C:\ProgramData\Microsoft
- C:\Documents and Settings\All Users\Application Data\Kaspersky Lab
- C:\Documents and Settings\All Users\Application Data\Symantec
- C:\Documents and Settings\All Users\Application Data\\Avg7
- C:\Documents and Settings\All Users\Application Data\\Avg8
- C:\Documents and Settings\All Users\Application Data\McAfee
- C:\Documents and Settings\All Users\Application Data\McAfee.com
- C:\Documents and Settings\All Users\Application Data\Sophos
- ntuser.dat ntuser.dat.log
- *\AppData\Loca\Microsoft*
- *\AppData\Local\Temp*
- *\AppData\Roaming Data\Microsoft*
- *\Local Settings\Application Data\Microsoft*
- *\Local Settings\Temporary Internet Files
- *\Local Settings\Temp
- *\Local Settings\History
- *\LOCALS~1\Temp
- *\LOCALS~1\Tempor~1
- *\LOCALS~1\History
- ~$*.doc
- ~$*.ppt
- ~$*.xls
- ~$*.dot