Cloud File Backup Set

AhsayCBS, AhsayOBM and AhsayACB allows users to back up data stored on supported cloud storage with the Cloud File Backup Set.

System Architecture

Below is the system architecture diagram illustrating the major elements involved in the backup process among the Cloud Storage, AhsayOBM and AhsayCBS.

Selectable Backup Run Type

You can choose to either run the backup set you created on Server (AhsayCBS) or Client (AhsayOBM). The run type of a cloud file backup set can only be set if you create a backup set via the AhsayCBS Admin / User Web Console. For backup set created via the backup client application (i.e. AhsayOBM), the run type is set to Run on Client by default.

Run on Server

A Run on Server cloud file backup set provides you with an agentless backup solution. Manual or scheduled backup job is performed on the backup server (i.e. AhsayCBS); you do not need to install a backup agent on your personal computer in order to backup your data on cloud storages. Below are the benefits:

Physical Machine not Required

Since the whole backup and restore process is done over the CBS server and therefore you do not need a physical machine at all.

Simplified Installation

Unlike agent-based backup, you do not need to install the client backup agent on your computer or upgrade it when a newer version becomes available.

Simplified Administration

With one software to manage (AhsayCBS, the backup server application), this allows administrator / user to manage backup and restore operations from a centralized console with lower time investment.

Compliance

Some organizations cannot install client agents due to regulatory requirements. An agentless solution allows for compliance during backup or restore.

Consistency and Recoverability

Backup client agent could interfere with the processing power of core applications of the machines that it is installed on. Run on Server cloud file backup job is performed on the backup server, which does not consume resources on client computer during a backup job. The advantages of agentless backup technology make it a good option for administrators / users who want to simplify the backup and restore management.

Run on Client

A Run on Client cloud file backup set provides you with an agent-based backup solution. Manual or scheduled backup job is performed on the client computer (i.e. AhsayOBM); you need to install a backup agent on your personal computer in order to back up your data on cloud storages. What are the benefits?

Performance

Unlike an agentless backup, where backup / restore operations of all users are performed on the backup server which may have multiple jobs to run at the same time, resulting in slower performance. Agent-based backup is performed on your computer with resources that is dedicated for your own backup and restores. The advantages of agent-based backup technology make it a good option for users who want to have more control on individual backup / restore and resources management.

Robustness

In the event of a failure to a single backup agent, it fails in isolation to other users' environment.

Industry standard requires minimal learning curve

Agent-based backup is the traditional backup approach that is well understood by most administrators and end users whom would only need minimal effort and time to understand the backup and restore process and operations.

Differences between a Run on Server and Run on Client

Backup Set

The following table summarizes the differences in backup options available for a Run on Server or Client cloud file backup set, and the tool to use (client agent or web console) when performing a backup and restore:

	Run on Server	Run on Client
General Settings	Yes	Yes
Backup Source	Yes	Yes
Backup Schedule	Yes	Yes
Continuous Backup	Yes	Yes
Destination	Row 1 Col 2	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes
General Settings	Yes	Yes

Documentation

- Cloud File Backup & Restore Guide for Windows
- Cloud File Backup & Restore Guide for Mac

FAQs

- How to perform backup to a local destination then import the data to a cloud storage destination?
- How to synchronize backup data on cloud storage to multiple computers for quicker restore (Fast Data Recovery)?
- FAQ: How do I increase the number of scheduled concurrent agentless Cloud File and Office365 Exchange backup jobs on my AhsayCBS server?

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