AHSAY™ **Ahsay Backup Software**

Centralized Cloud Backup Solution for Businesses & MSPs

Robust Cloud & Local Backup Software

Ahsay Cloud Backup Suite (AhsayCBS) is an advanced client-server based on-premises and cloud backup solution for Businesses and MSPs. The whole solution can be deployed within a company to back up all virtual machines, servers, desktops and laptops. MSPs can also use it for offering secure managed backup service to their clients.

Core Components

Ahsay Cloud Backup Suite consists of 4 core software components, AhsayOBM, AhsayACB, AhsayMOB and AhsayCBS.

Cloud Storage

Replication

Server / VM   Server / VM   **Replication Module**

Centralized Web Management Console   **Local / Network Storage**

AhsayCBS

AhsayCBS is a server component to be installed on a physical server or virtual machine. It comes with a web based central management console for system administrator to easily manage the whole backup system, as well as all AhsayOBM / AhsayACB backup users and their backup data through any web browser. Users can also login to the User Web Console to manage backup set, perform backup/restore and monitor live activities.

Users' backup data can be hosted on AhsayCBS internal storage, FTP / SFTP server, and cloud storage (e.g. Amazon S3, Google Cloud Storage, Microsoft Azure, etc.).

AhsayACB

AhsayACB is an easy to use client agent for backing up PCs and Macs.

It is equipped with modules for backing up File, Lotus Notes, and Windows System.

Data can be backed up to AhsayCBS storage, local / mapped network storage (e.g. USB drive, NAS, and file server), FTP / SFTP server, and cloud storage (e.g. Amazon S3, Google Cloud Storage, Microsoft Azure, etc.).
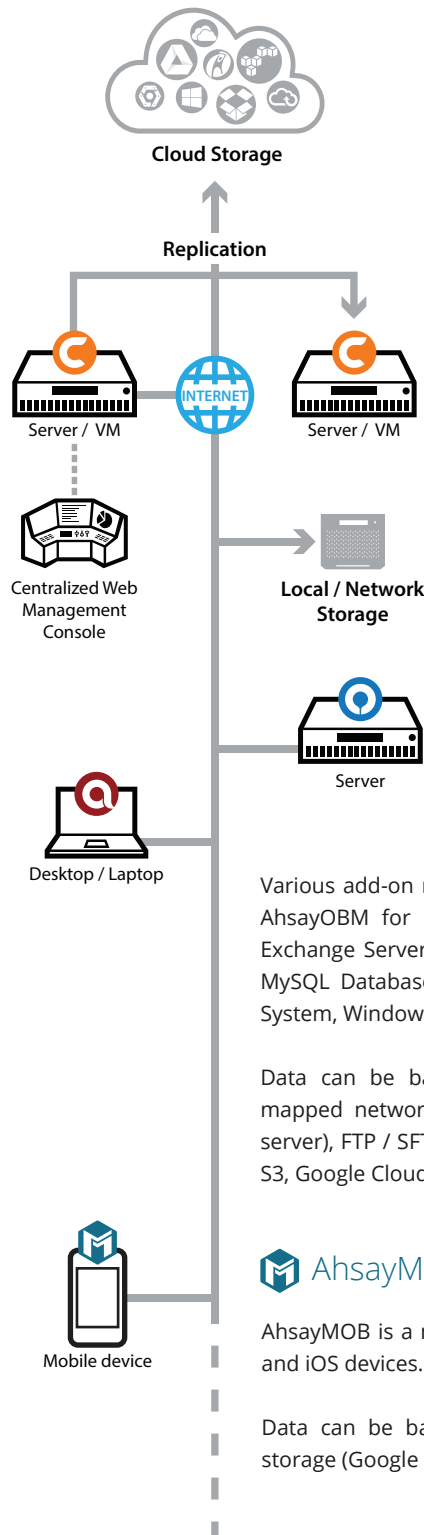
Replication Module

With the Replication module enabled, backed up data and system settings can be replicated to another AhsayCBS machine, FTP / SFTP server, and cloud storage.

Server

AhsayOBM

AhsayOBM is a comprehensive client agent for backing up servers, databases and virtual machines.

Various add-on modules can be used in conjunction with AhsayOBM for backing up VMware, Hyper-V, Microsoft Exchange Server, Microsoft SQL Server, Oracle Database, MySQL Database, Lotus Domino, Lotus Notes, Windows System, Windows System State (Active Directory), and File.

Data can be backed up to AhsayCBS storage, local / mapped network storage (e.g. USB drive, NAS, and file server), FTP / SFTP server, and cloud storage (e.g. Amazon S3, Google Cloud Storage, Microsoft Azure, etc.).

Desktop / Laptop

Mobile device

AhsayMOB

AhsayMOB is a mobile application for backing up Android and iOS devices.

Data can be backed up to AhsayCBS storage or cloud storage (Google Drive, Dropbox, OneDrive)
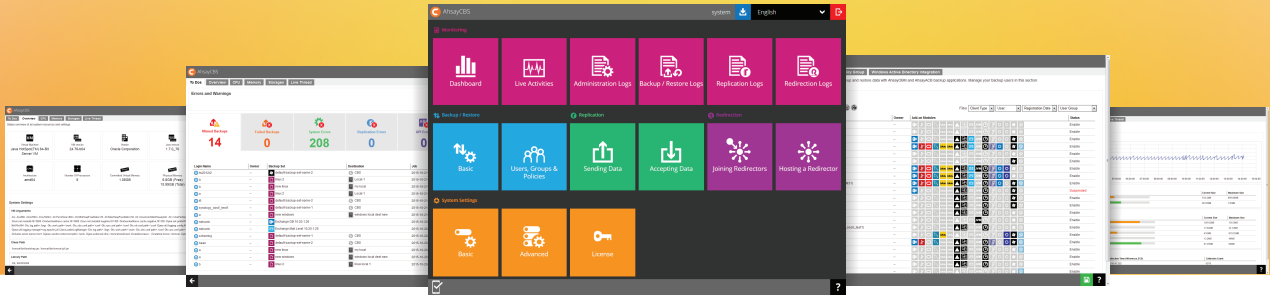
AhsayCBS

Manage Backup Users and System Anytime, Anywhere

Ahsay Cloud Backup Suite (AhsayCBS) is an advanced client-server based on-premises and cloud backup solution for Businesses and MSPs. The whole solution can be deployed within a company to back up all virtual machines, servers, desktops and laptops. MSPs can also use it for offering secure managed backup service to their clients.

Real Time Status Monitoring

Real time status of the system, current backup and restore jobs, errors and warnings, etc. are available at a glance for administrator to monitor the health of the backup system and troubleshoot quickly when needed.

Runs on Cloud Platform

AhsayCBS can be run on common cloud platforms including Amazon EC2, Microsoft Azure and Google Cloud Platform, which enables you to deploy the whole backup solution quickly and economically.

Instant Replication

If backup data are hosted on-premises, you can use the built-in Replication Module to replicate them to an offsite destination, such as an FTP/SFTP server or cloud storage for additional protection.

Centralized Administration for Users

Without agent installation, end users can access AhsayCBS anytime, anywhere, on any Internet-connected device to manage their own backup sets, back up/restore cloud data, monitor live activities and even restart the backed up VM directly on server.

Unlimited Trial Accounts Creation

AhsayCBS supports the auto-creation of unlimited backup trial accounts for MSPs to entice potential customers. Most importantly, these trial accounts will NOT be charged for license usage by us! So you don't need to buy any license for offering trial.

Flexible Destination Management

AhsayCBS supports the use of local drive, mapped network drive, FTP / SFTP server, public cloud object storage as the backup destination for storing the backup data. Administrator can add as many destinations as required.

Simple User Management

Managing backup users is simply a breeze. New users can be created automatically with our Windows AD integration. Bulk accounts can be created with our special tool. Customized policies can be applied to different group of users through Group Policy Manangement.

High Scalability

As the number of your backup users grows, you can always scale up the whole backup system easily by using the built-in Redirection Module for redirecting the extra user traffic to other AhsayCBS servers.

Reseller Management

If you're an MSP, the built-in Reseller Account Management tool can allow you to recruit unlimited resellers to resell your backup service. Each reseller can have their own branded client agents and backup URL.

Fully Rebrandable

All graphics and wordings in AhsayCBS are rebrandable and customizable for MSPs. Thus, you can use a rebranded AhsayCBS to build your branded backup appliance for customers who preferred on-site backup solution.

Comprehensive Features

AhsayCBS comes with comprehensive features for centrally managing the whole backup system and users.

Monitoring

Errors and warnings summarized under a To-Dos tab (Including missed / failed failed backups, system / replication / API / email errors)	✓
Clear overview of system resources information (Including Java virtual machine, underlying operating system, CPU architecture, number of processor, committed virtual memory, pysical memory, and swap space)	✓
Current CPU usage, memory usage, storage usage and live thread monitoring	✓
Live activities monitoring (Including statuses of backup, restore, replication, receiver, and redirection)	✓
Administration logs monitoring (Including SNMP log, message history, activities log, and audit trails)	✓
Backup and restore logs monitoring (Including backup jobs, restored jobs, backup errors, backup set log, and activities log)	✓
Replication logs monitoring (Including replication sent, replication received, and activities log)	✓
AhsayOBM / AhsayACB redirection logs monitoring	✓

System Configuration

Support of using public cloud, FTP / SFTP servers, and local / mapped drives as storage backend	✓
Configurable host name, system home directory, connectors and SSL certificate	✓
Support of multiple SMTP servers and administrator contacts for sending outbound email reports to users	✓
Creation of administrators with different roles (Including super administrator, read-only administrator, API user, and sub-administrator)	✓
20 languages support	✓
Automatically save all the server settings to the Ahsay's cloud	✓
Proxy support	✓
Support IP exclusion for Proxy connection	✓
Publish system and error messages to third parties' monitoring tools through SNMP	✓
Publish system logs to Windows Event Log	✓
Retrieve system related files for troubleshooting through built-in file explorer	✓
Java runtime options configuration (Including maximum and minimum heap sizes, thread stack size)	✓
Blocking of IPs from accessing AhsayCBS	✓

Backup User Management

Auto backup user creation via Windows AD	✓
One user assignable to multiple user groups	✓
Push user to update client software from server	✓
Broadcast message to all / selected users	✓

Backup User Management

Trigger backup for selected backup sets from server	✅
Auto backup user creation via Windows AD	✅
Export selected users' statistics to CSV file	✅
Export user's profile and backup data	✅
Rebuild storage statistics for selected users	✅
Force users to upload encryption key in encrypted file to AhsayCBS (System administrator won't be able to decrypted the encrypted file. If needed, the file can be sent to Ahsay and we will send the decrypted data to the backup user's registered email address)	✅
Set a user as paid or trial user type	✅
Assign storage quota to individual users	✅
View effective policies of a user if multiple policies have been applied to him/her	✅
Assign a user to multiple user groups	✅

Group Policy Management

Assign multiple group policies to a user group	✅
Define the backup destinations which are visible to users	✅
Define the features in GUI which are visible to / usable by users	✅
Set the default values for all user configurable fields	✅
Preempt values to specific fields	✅
Enforce users to run preempted backup sets	✅
Windows Active Directory integration for new account creation	✅

Replication to Cloud / Another AhsayCBS

Close to real time replication of the whole AhsayCBS or selected backup sets to cloud or another AhsayCBS	✅
Set traffic limit for sending data during different time intervals	✅
Set replication down to backup set level	✅

Receiving Data Replicated from Multiple AhsayCBS Servers

Creat multiple receivers on AhsayCBS for receiving replication data from multiple AhsayCBS servers	✅
Define ranges of IP address that will be restricted to access this receiver	✅
Run Cyclic Redundancy Check on the 2nd and 4th Saturdays every month	✅
Set traffic limit for receiving data during different time intervals	✅

## High Scalability

|	
Achieve High Scalability by building a farm AhsayCBS servers to serve growing number of customers	✅
Redirect AhsayOBM / AhsayACB users to their corresponding AhsayCBS servers by built-in redirector	✅

Features for MSPs

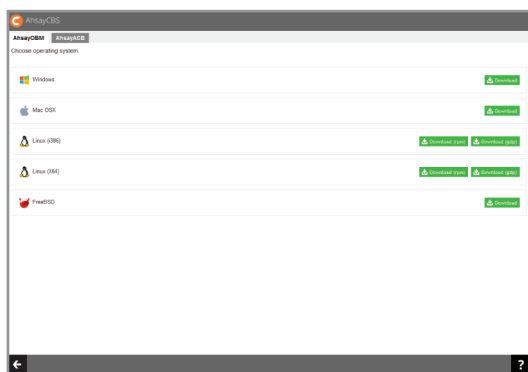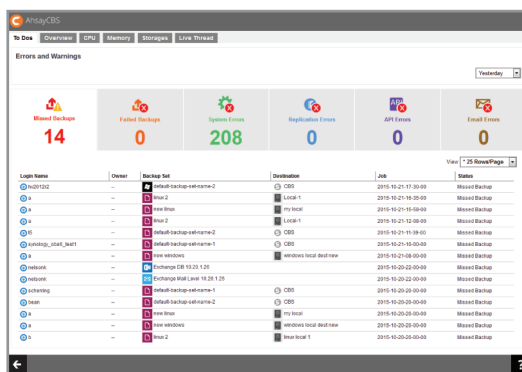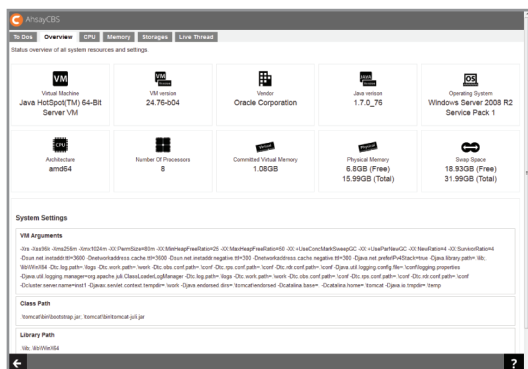|	
Unlimited free trial accounts creation	✅
Fully rebrandable	✅
Reseller management, each reseller can have its own branding on web console and client agents	✅
Build rebranded AhsayOBM and AhsayACB installers through AhsayCBS web console (under Admin or Sub-Admin account)	✅

AhsayCBS Screenshots
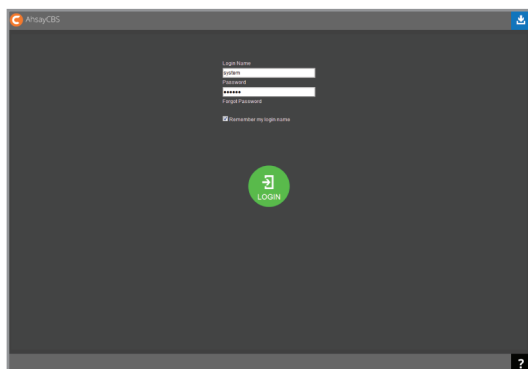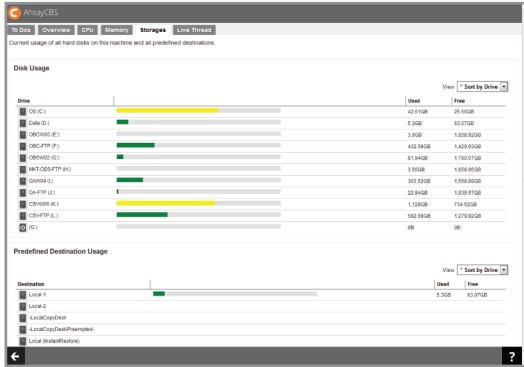

Login screen
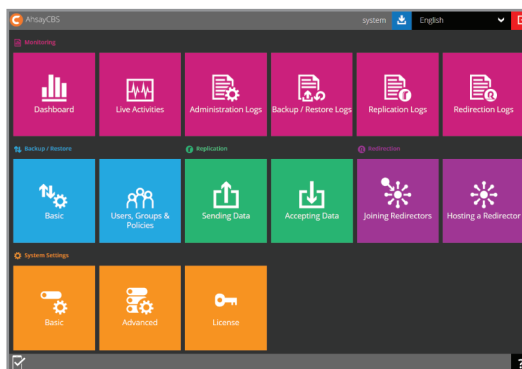
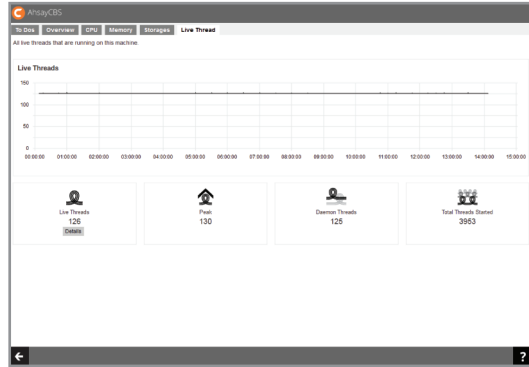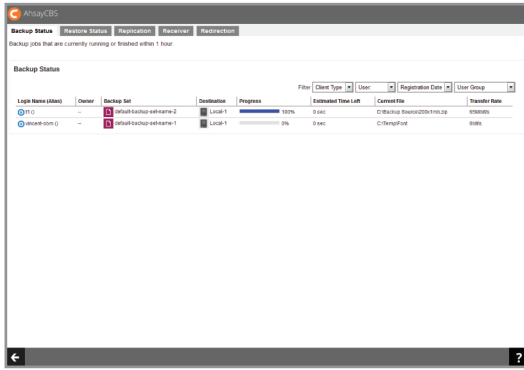Home control panel

Download page

Dashboard

System overview
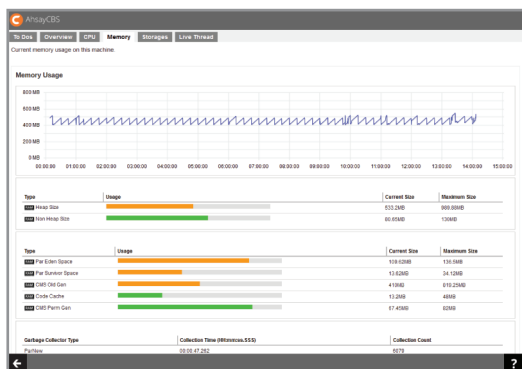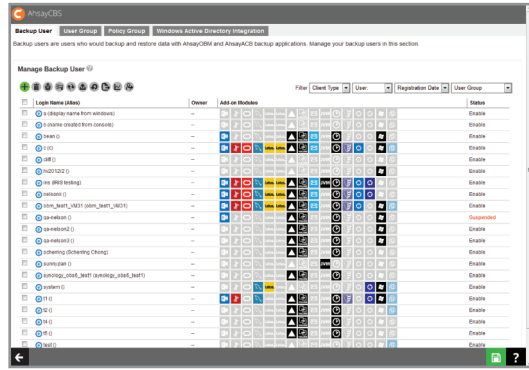

Live monitoring

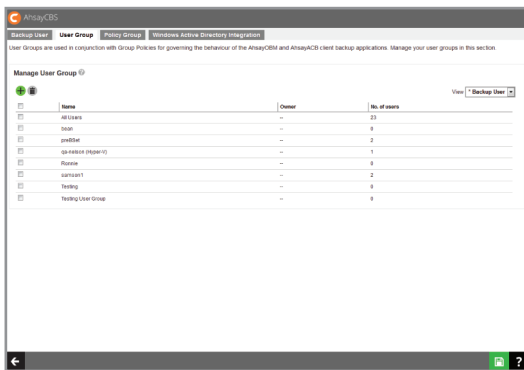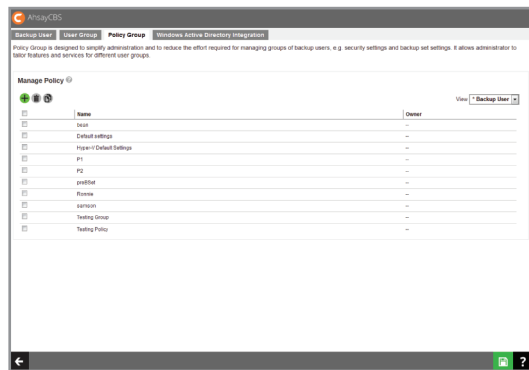Backup storage monitoring

Live threads

Backup Status

User management

User group management

Policy management

Modules for Enhanced Protection and Scalability

Need better protection on the backed up data, or high scalability for serving more backup users? These modules are for you.

Replication Module for AhsayOBM / AhsayACB

The Replication Module for AhsayOBM / AhsayACB is for immediate replication of backed up data and backup server settings to cloud storage or to another AhsayCBS for additional protection on the backed up data. The price of Replication Module is per AhsayOBM / AhsayACB backed up device to replicate.

✅ **Close to real time replication**

After data are backed up to AhsayCBS backup server, replication will be triggered almost instantly.

✅ **Retention policy for replicated data**

Retention period and restore point interval can be configured for keeping multiple replication versions.

✅ **Individual backup sets replication**

System administrator can choose individual and more critical backup sets to replicate.

✅ **Traffic limit**

Traffic limit can be set for specific period of time to reserve bandwidth for other purpose.

✅ **Protecting many backup servers**

One AhsayCBS replication server can be used for receiving data replicated from multiple backup servers.

✅ **Real time replication status tracking**

Real time replication and receiver status can be tracked in the System Panel of AhsayCBS.

✅ **Quickly convertible to a backup server**

When a corresponding AhsayCBS backup server is down, the replication server can be quickly converted into a backup server to keep serving the backup users.

✅ **Zero hardware investment by cloud replication**

Cloud storage can be used as the replication destination for saving hardware and hosting investments.

✅ **IP restriction**

IP restriction can be set to prevent unwanted IPs from accessing the replication server.

✅ **CRC data integrity verification**

Cyclic redundancy checking (CRC) can be set to run automatically for verifying the integrity of the replicated data.

✅ **SSL and proxy server support**

Both SSL and proxy server are supported for enhancing the security and compatibility of the replication server.

✅ **Detailed replication log**

Detailed replication logs are available for troubleshooting purpose.

Redirection Module

The redirection module for AhsayCBS (previously known as AhsayRDR) is a high scalability module for building a farm of multiple AhsayCBS backup servers to serve a large number of backup users.

✅ **Redirecting to multiple backup servers**

When AhsayCBS is configured as a redirection server, it can redirect backup users to multiple backup servers.

✅ **Duplicated user checking**

When creating users, user names will be checked on all backup servers in the farm to prevent duplication.

✅ **Detailed redirection log**

Detailed redirection logs are available for troubleshooting purpose.

✅ **Single public backup server URL**

User management can be simplified as all backup users on different backup servers just need to use a single URL as the backup server URL.

✅ **Real time redirection status tracking**

Real time redirection status can be tracked in the System Panel of AhsayCBS.

Advanced Backup Agents for VM, Database and Workstation Backup

Ahsay offers 2 client backup agents. AhsayOBM is for backing up servers, databases and virtual machines. AhsayACB is for backing up workstations. Both of them support local, cloud and hybrid backups. They are fast and equipped with many dedicated database and virtual machine modules for you to properly backup your databases, VMs and email applications. They are fully rebrandable for MSPs to integrate into their service offering mix.

Multi-Destinations Backup

Both AhsayOBM & AhsayACB supports backup to multiple local and cloud destinations, e.g. USB hard drive, mapped network drive, private FTP / SFTP servers, and public cloud storage such as Microsoft Azure and Amazon S3.

Various Dedicated Backup Modules

Dedicated backup modules can be used in conjunction with them to let you back up VMware, Hyper-V, Microsoft Exchange Server, Microsoft SQL Server, Oracle and MySQL Databases, Lotus Domino / Notes, Windows System, System State and Office 365 Exchange Mailbox professionally.

Run VM Directly from Backup

With our new VM Run Direct feature, backed up VMware and Hyper-V VM can be run directly from backup within minutes. You can also choose to play and migrate the VM simultaneously.

Super Secure Encryption

Both AhsayOBM and AhsayACB can generate a truly randomized 256-bit full length AES encryption key to encrypt the backup data by default. Such encryption is simply unbreakable by any super computer.

High Speed

They are the fastest backup applications equipped with all speed optimizing technologies, such as multi-threading, In-File Delta, fast indexing, small files optimization, etc. Speed hungry customers will definitely love them.

Restorability Guaranteed

No one wants to experience trouble during restore. Therefore, you need a backup solution that can guarantee the restorability of your backed up data. With the built-in CRC data integrity checking, verification and rectification, your backup data are 100% restorable.

Show / Hide Features from GUI

Both AhsayOBM & AhsayACB are rebrandable for MSPs. All the graphics and wordings are customizable. You can even hide the features that you don't want your customers to use through setting appropriate group policy.

Cumulative Volume Discount

They are the most affordable backup software you can find in the market. Our cumulative discount scheme offers you discount based on the historical volume you have purchased. Therefore, the more you purchase, the more you save.

Comprehensive Features

Among all backup software available in the market, AhsayOBM and AhsayACB comes with the most comprehensive features for virtual machine, server and workstation backup. Remember, AhsayOBM is a comprehensive client backup application designed for backing up servers, databases, VMs, Windows System and System State, while AhsayACB is a simplified version designed for backing up files, Windows System, and Lotus Notes in workstations.

Support Cloud & Local Destinations

	AhsayACB	AhsayOBM
AhsayCBS storage	✓	✓
Aliyun	✓	✓
Amazon AWS Compatible Storage	✓	✓
Amazon Cloud Storage	✓	✓
Amazon S3	✓	✓
CTYun	✓	✓
Dropbox	✓	✓
Google Cloud Storage	✓	✓
Microsoft Azure	✓	✓
Microsoft OneDrive / OneDrive for Business	✓	✓
OpenStack	✓	✓
Rackspace	✓	✓
FTP / SFTP	✓	✓
USB drive / local drive / mapped network drive	✓	✓

Backup Various Data Types

	AhsayACB	AhsayOBM
File	✓	✓
Cloud file backup	✓	✓
IBM Lotus Notes	✓	✓
Outlook / Outlook Express / Windows Live Mail	✓	✓
Windows System	✓	✓
Office 365 Exchange Mailbox	✗	✓
IBM Lotus Domino	✗	✓
Microsoft Exchange Server (database, brick-level, DAG)	✗	✓
Microsoft SQL Server	✗	✓
MySQL Database	✗	✓
Oracle Database	✗	✓
Synology NAS	✗	✓
VMware	✗	✓
Hyper-V (standalone, cluster)	✗	✓
Windows System State	✗	✓

Comprehensive Backup Features

	AhsayACB	AhsayOBM
Combine multiple cloud and local destinations as one pooled storage	✅	✅
Sequential or concurrent backup to multiple destinations	✅	✅
Configurable maximum concurrent backups	✅	✅
Run Cyclic Redundancy Check (CRC) in client	✅	✅
Write backup/restore logs to Windows Event Log	✅	✅
Flexible backup schedules	✅	✅
In-File Delta incremental / differential backup	✅	✅
Remove server-side backup data from client	✅	✅
Proxy server support	✅	✅
Windows open file backup through VSS	✅	✅
Seed-load utility	✅	✅
Multiple backup sets	✅	✅
Backup filter	✅	✅
Simple retention policy by days or backup jobs	✅	✅
Continuous backup for files in Windows	✅	✅
Continuous backup for VMs and databases	❌	✅
Advanced flexible retention policy	❌	✅
Command line tool	❌	✅

Easy Restoration

	AhsayACB	AhsayOBM
Point in time restore	✅	✅
One time restore multiple versions	✅	✅
Search for files or folders to restore	✅	✅
Restore anywhere through green client	✅	✅
Run backed up VMware / Hyper-V Guest VM directly in AhsayOBM	❌	✅
Directly restore backed up database to original location	❌	✅

Friendly Reminders

	AhsayACB	AhsayOBM
Backup reminder during system logout	✅	✅
Off-line reminder	✅	✅
Storage quota alert	✅	✅

Speed Boosting

	AhsayACB	AhsayOBM
Multi-threading	✅	✅
In-File Delta	✅	✅
User configurable compression	❌	✅

Uncompromised Security / Privacy

	AhsayACB	AhsayOBM
Password protection	✓	✓
256-bit SSL transmission	✓	✓
Lost encryption key recovery if this feature is enabled on AhsayCBS	✓	✓
Auto-generate 256-bit truly randomized encrypting key for each backup set	✓	✓
Filename and content encryption	✓	✓

In-App Reporting Tools

	AhsayACB	AhsayOBM
Graphical usage report by destination / backup set	✓	✓
Backup report	✓	✓
Restore report	✓	✓
Write backup/restore logs to Windows Event Log	✓	✓

Features Specifically Designed for MSPs

	AhsayACB	AhsayOBM
Direct rebranding and customization in AhsayCBS	✓	✓
Customize AhsayOBM/AhsayACB application name and icon shown in cloud storage	✓	✓
Show / hide in-app features through group policy	✓	✓
Create trial account from client application (if trial registration is enabled on AhsayCBS)	✓	✓
Auto-upgrade client application pushed from AhsayCBS	✓	✓
20 languages support	✓	✓

Support Common Operating Systems

	AhsayACB	AhsayOBM
Mac	✓	✓
Windows for Desktop	✓	✓
Windows for Server	✗	✓
Linux	✗	✓
UNIX	✗	✓

Modules for VMs, Databases and Mobile Backup

Need to backup VMs of VMware and Hyper-V? Or databases and email applications, such as Microsoft Exchange Server, Office 365 Exchange Mailbox, Microsoft SQL Server, MySQL, Oracle, Lotus Domino / Notes? Or Windows System / System State? Or mobile devices? Use these add-on modules.

Available Add-on Modules	AhsayACB	AhsayOBM
File	✓	✓
IBM Lotus Notes	✓	✓
Windows System	✓	✓
AhsayMOB for mobile devices	✓	✓
Office 365 Exchange Mailbox	✗	✓
IBM Lotus Domino	✗	✓
Microsoft Exchange Server Mail-level	✗	✓
Microsoft Exchange Server Database	✗	✓
Microsoft Exchange Server DAG	✗	✓
Microsoft Hyper-V Guest VM	✗	✓
Microsoft SQL Server	✗	✓
MySQL Database	✗	✓
Oracle Database	✗	✓
VMware Guest VM	✗	✓
Windows System State	✗	✓

AhsayOBM/AhsayACB Screenshots
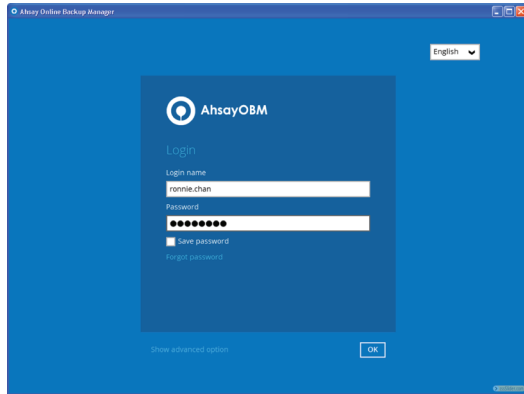
Login screen
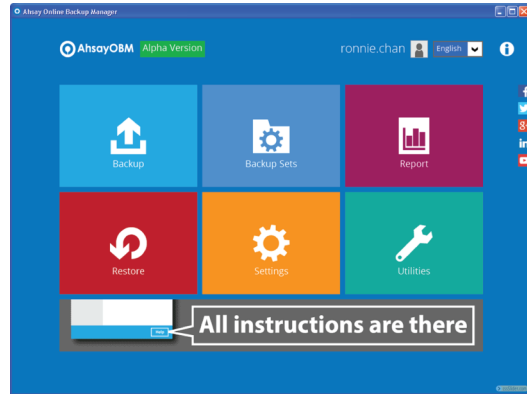
Home control panel
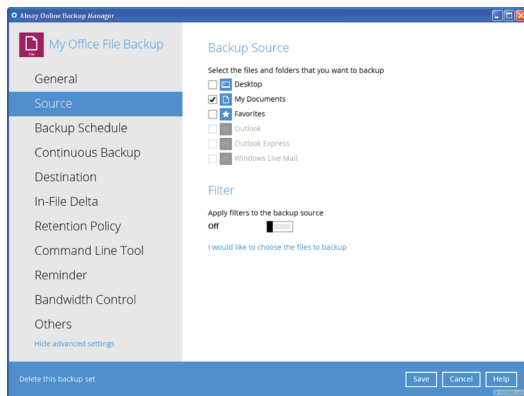
Define backup sources
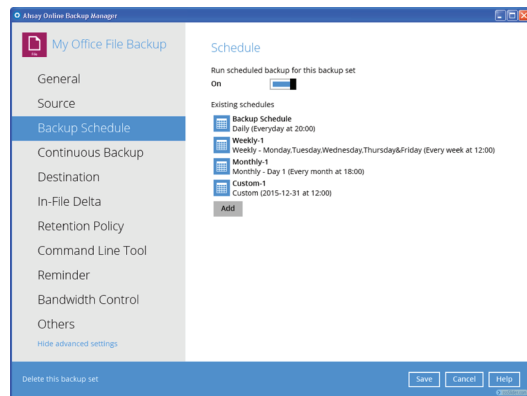
Define backup schedule
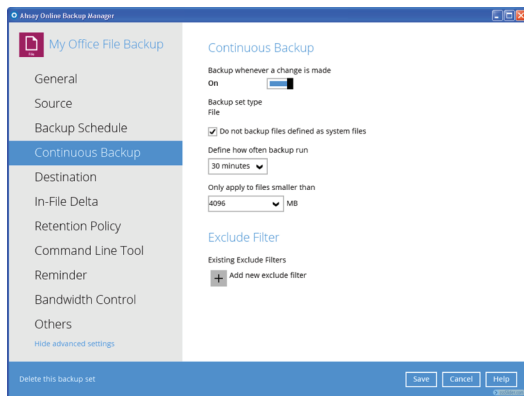
Continuous Backup setting
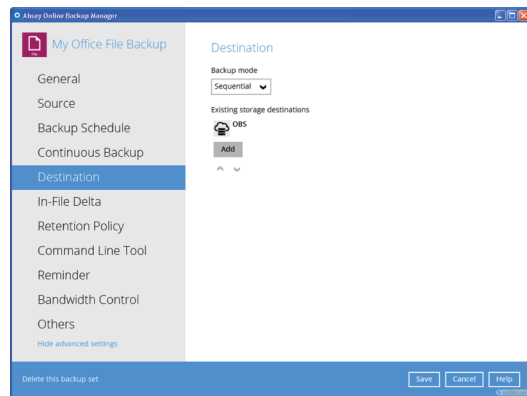
Define backup destination
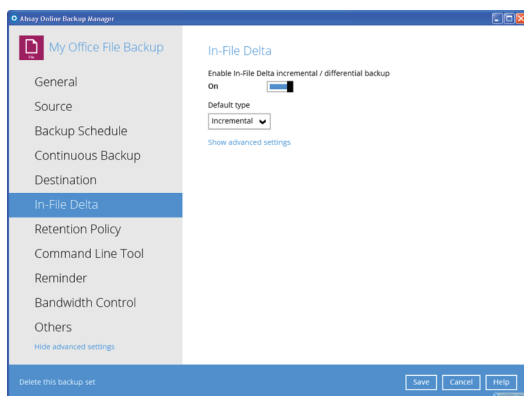
In-File Delta setting
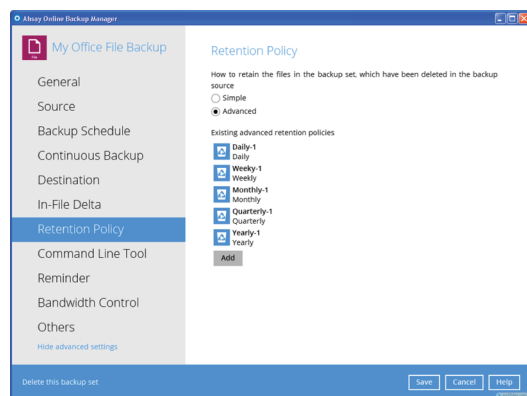
Define retention policy
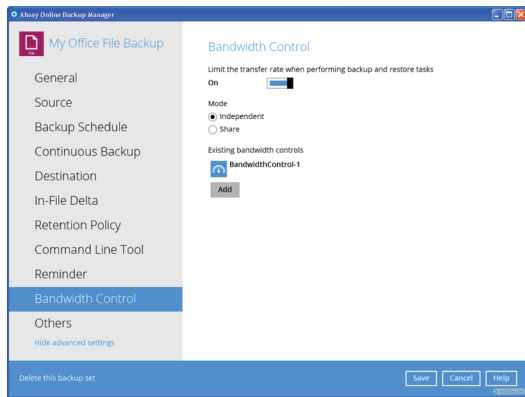
Bandwidth control setting
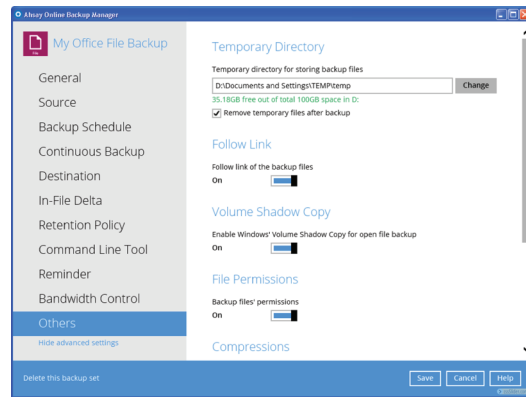
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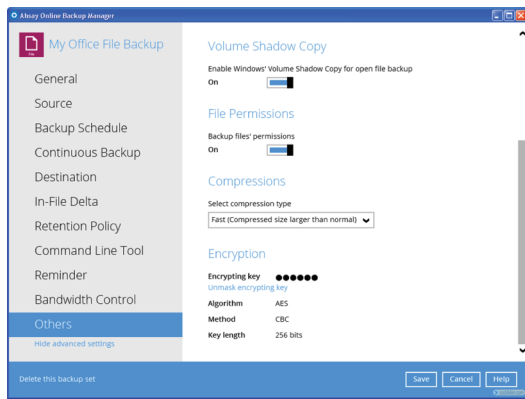
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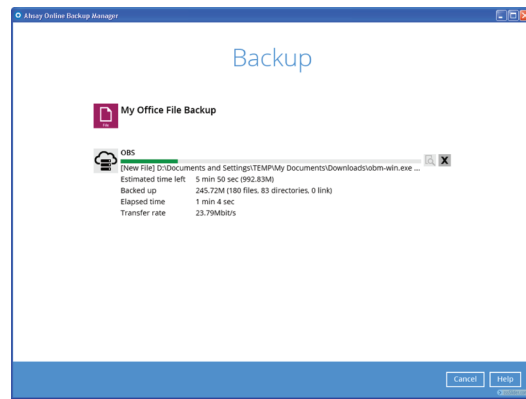
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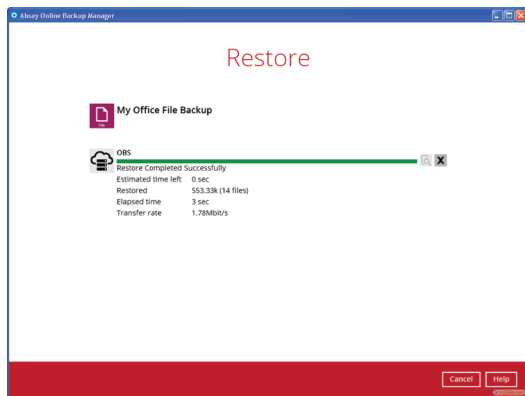
Restore
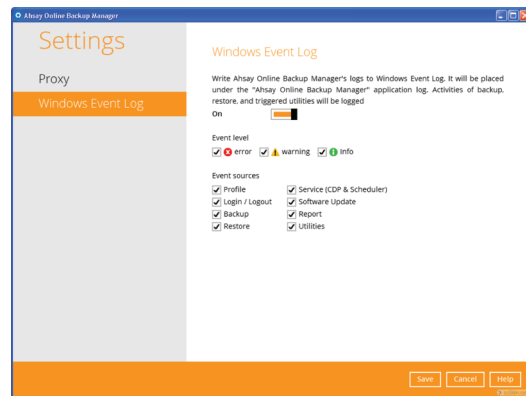
Windows event logs
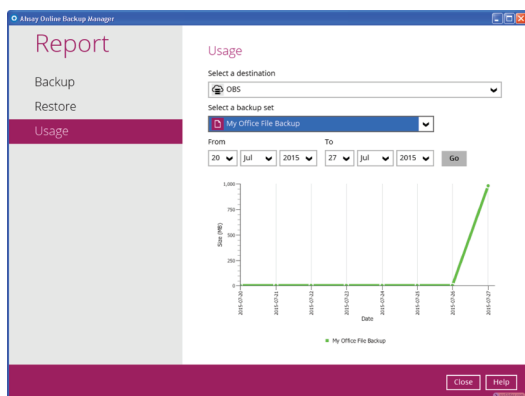
Comprehensive reports
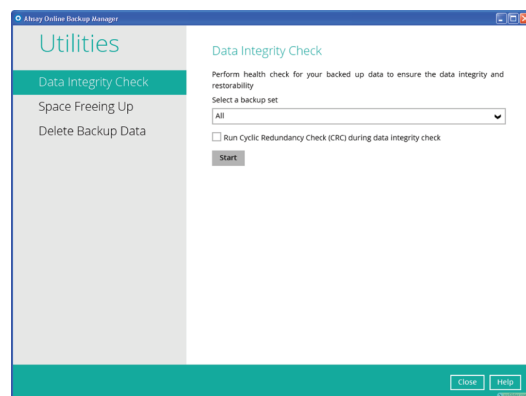
CRC Data Integrity Check function

AhsayMOB

Back up Your Mobile Data with Just a Few Taps

AhsayMOB is a specialized mobile application that provides a comprehensive backup solution to your Android and iOS mobile devices. Its user-friendly interface allows you to quickly configure backup settings and easily back up important data on your phones, such as photos, videos and contacts. To best suit your backup strategy and needs, AhsayMOB also offers cloud destination options besides the AhsayCBS server backup destination. Coupled with our latest AhsayCBS User Web Console, you can monitor and manage your mobile backups and restores remotely on a web browser as long as you have Internet connection.

	iOS	Android
Support Cloud Destination		
AhsayCBS storage	✅	✅
Google Drive	✅	✅
Dropbox	✅	✅
OneDrive	✅	✅
Back up Various Data Types		
Photo	✅	✅
Video	✅	✅
Contact	✅	✅
Voice file	❌	✅
Message (SMS)	❌	✅
WhatsApp	❌	✅

AhsayPRD

AhsayPRD

Reduce Your Cost on Server Hardware

If you wish to host multiple instances of AhsayCBS on a single server hardware to fully utilize its processing power, AhsayPRD (Ahsay Proxy Redirector) is the component you need.

Hardware Better Utilized

AhsayPRD is designed for customers and partners to host multiple branded AhsayCBS instances on one physical backup server hardware through internal domain redirection. Since AhsayCBS is not resource demanding, setting up multiple AhsayCBS instances on one hardware allows you to fully utilize the power of that hardware.

Add New AhsayCBS Anytime

As you can add new AhsayCBS instances anytime, it provides you with the scalability for the expansion of your backup system in the future.

Unique Branding for Resellers

By using AhsayPRD, individual AhsayCBS instances can have their own brandings, including branded AhsayCBS, AhsayOBM, AhsayACB and AhsayRPS applications, branded reports, customized settings, automatic updating of AhsayOBM and AhsayACB, etc. It thus allows a service provider to set up different AhsayOBS instances with different brandings for their resellers effortlessly. Moreover, as each AhsayCBS instance can have its own domain name, each reseller can have its own branded AhsayCBS for offering its own braned online backup business.

Save Expenses

With AhsayPRD, only one operating system license is required now, as all AhsayCBS instances are running on the same operating system. Moreover, you only need one IP, as routing to the individual AhsayCBS instances can be done through the use of server ports. If the multiple AhsayCBS instances you intend to use can be under one domain, only one SSL certificate is required. Thus, you can have great savings on the operating system, IP, and SSL certificate.

Internal Redirection Architecture

AhsayPRD redirects the incoming Internet traffic calling to different AhsayCBS URLs, eg: CBS1.ahsay.com and CBS2.ahsay.com, through the ports defined in the AhsayPRD configuration file.
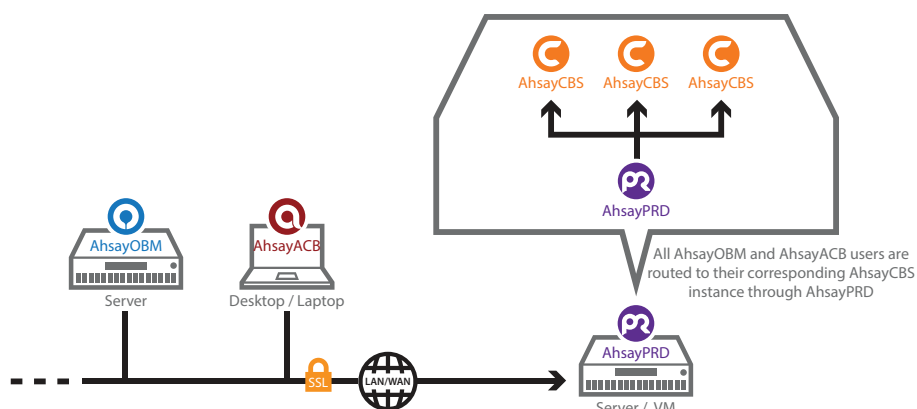
AhsayUBS

Install AhsayCBS on Bare Server in 5 Minutes

AhsayUBS (Ahsay Universal Backup System) is a low price yet powerful operating system for a backup server machine to operate with. It has been optimized for AhsayCBS and AhsayRPS to run smoothly on it. With AhsayUBS, you can setup AhsayCBS as well as AhsayRPS on a bare comptuer in 5 minutes.

Save Time on Installation

With AhsayUBS, the installation of operating system as well as AhsayCBS on a machine can be completed in one simple step within a few minutes. As opposed to using Windows or Linux, which the installations of the operating system and AhsayCBS have to be carried out separately, it thus saves you a great deal of time.

Save Spending on OS

The price of AhsayUBS is much lower than a regular operating system. Therefore, you can save a significant amount of money in purchasing other operating platforms, such as Windows or some commercial distributions of Linux, and paying for the related maintenance fees.

Tuned for the Best Performance

AhsayUBS is customized with kernel memory consumption, file system block size, buffer size, cache size, and other parameters tuned for the best performance of running AhsayCBS. It saves you time for doing these tunings by yourself when using other operating platforms.

Fully Rebrandable and Customizable

AhsayUBS is fully rebrandable, thus enabling our partners to build their own branded backup appliances easily. All the interface wordings are customizable.

Rich Features for Hardware

We develop AhsayUBS with the purpose of helping our partners instead of profit making. Therefore, we offer it at an extremely low price so that partners are able to use this optimized operating system for running their AhsayCBS machines without costing an arm and a leg.

- ✅ Web Management Console
- ✅ RAID0, RAID1 and RAIDZ support
- ✅ SSH support
- ✅ ZFS storage model support
- ✅ iSCSI support
- ✅ Hostname table
- ✅ Proxy support
- ✅ Uninterrupted Power Supply support
- ✅ Backup and restore of system configuration

- ✅ Auto-detection of local hard-disks
- ✅ Archiving configuration to tape
- ✅ UFS storage model support
- ✅ SFTP support
- ✅ NTP synchronization
- ✅ 2 DNS servers
- ✅ SSHD remote console access
- ✅ SNMP support

Ahsay Backup Appliance

Need an affordable backup appliance for backing up the data? Ahsay Backup Appliance pre-installed with AhsayCBS is an ideal option. It can back up 12/44TB (depends on the hardware model) compressed backup data. Restoration of data can be done quickly through internal network. VM, database, and file backups are all supported. You can even replicate the backed up data to public cloud storage such as Microsoft Azure, Amazon S3, and Google Cloud Storage for disaster recovery. We'll deliver it to your office, fire it up for you, help you install AhsayOBM and AhsayACB on the client machines that need to be backed up, and make sure everything is running smoothly. 3 years of TotalCare hardware and software support is included. (For Hong Kong customers only)

How it works
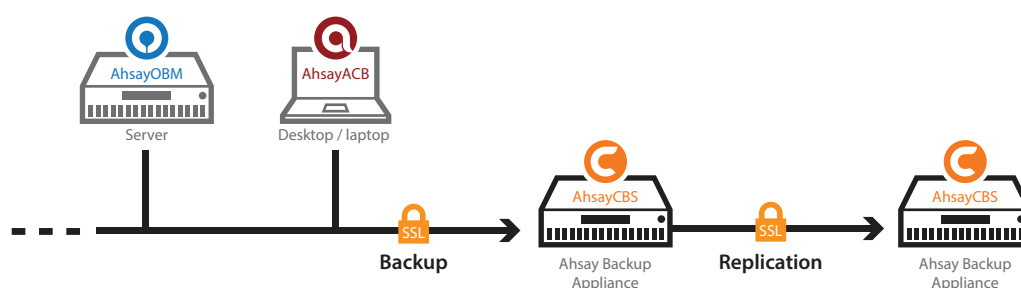
For Backup

When using this Ahsay Backup Appliance as a backup server, you can choose to purchase whatever number of AhsayOBM or AhsayACB client-side backup application licenses based on the number of servers, desktops and laptops you need to back up.

For Replication

Ahsay Backup Appliance can also be used a replication server for receiving data from another AhsayCBS. When using this appliance as a replication server, you need to purchase AhsayCBS Replication Module license. After proper configuration, this replication server can be used to receive data replicated from one or multiple AhsayCBS servers.

Hardware			
Model	HP ProLiant MicroServer Gen8	Dell PowerEdge R430	Dell PowerEdge R730xd
RAM	4GB DDR3	8GB RDIMM	16GB RDIMM
CPU	Intel Pentium G2020T (2 core, 2.5 GHz, 3MB, 35W)	Intel Xeon E5-2630 v3 2.4GHz, 20M Cache,8.00GT/s QPI,Turbo, HT,8C/16T (85W) Max Mem 1866MHz	Intel Xeon E5-2620 v3 2.4GHz, 15M Cache,8.00GT/s QPI,Turbo, HT,6C/12T (85W) Max Mem 1866MHz
Hard Drive	4 x 4TB Seagate Enterprise Capacity (RAID-5)	4 x 4TB 7.2K RPM SATA 6Gbps 3.5in Hot-plug Hard Drive (RAID-5)	12 x 4TB 7.2K RPM SATA 6Gbps 3.5in Hot-plug Hard Drive,13G (RAID-5)
Storage Space	12TB	12TB	44TB
Software			
Firmware	AhsayUBS v7		
Console app.	AhsayCBS v7		
Client app.	AhsayOBM and/or AhsayACB v7		
Maintenance and Support			
✅ 3 years of software upgrade and maintenance			
✅ 3 years of hardware maintenance and next business day failed hardware replacement			
✅ 3 years of phone, email, forum support and remote troubleshooting during Hong Kong working hours			

Software Compatibility List (SCL)
for version 7.3 or above (5001)

Operating Systems compatibility

AhsayCBS	AhsayCBS (Replication Module)	AhsayCBS (Redirection Module)	AhsayPRD	AhsayOBM	AhsayACB	AhsayMOB

Operating System	Supported Application	Supported Version	Support End Date (YYYY/MM/DD)
Windows platforms: [1, 2, 3]			
Vista (Home Basic / Home Premium / Business / Enterprise / Ultimate)	ⓒ ⓒ ⓡ ⓟ ⓞ ⓐ	7.3.0.0 or above	2017/04/11
7 (Home Basic / Home Premium / Business / Enterprise / Ultimate)	ⓒ ⓒ ⓡ ⓟ ⓞ ⓐ	7.3.0.0 or above	2020/01/14
8 (Pro / Enterprise)	ⓒ ⓒ ⓡ ⓟ ⓞ ⓐ	7.3.0.0 or above	2023/01/10
8.1 (Pro / Enterprise)	ⓒ ⓒ ⓡ ⓟ ⓞ ⓐ	7.3.0.0 or above	2023/01/10
10 (Pro / Enterprise)	ⓒ ⓒ ⓡ ⓟ ⓞ ⓐ	7.3.2.0 or above	2025/10/14
Server 2008 (Standard / Enterprise / Datacenter)	ⓒ ⓒ ⓡ ⓟ ⓞ	7.3.0.0 or above	2020/01/14
Server 2008 R2 (Standard / Enterprise / Datacenter)	ⓒ ⓒ ⓡ ⓟ ⓞ	7.3.0.0 or above	2020/01/14
Server 2012 (Standard / Essentials / Datacenter)	ⓒ ⓒ ⓡ ⓟ ⓞ	7.3.0.0 or above	2023/01/10
Server 2012 R2 (Standard / Essentials / Datacenter)	ⓒ ⓒ ⓡ ⓟ ⓞ	7.3.0.0 or above	2023/01/10
Small Business Server 2008 (Standard / Premium)	ⓒ ⓒ ⓡ ⓟ ⓞ	7.3.0.0 or above	--
Small Business Server 2011 (Standard / Essentials / Premium)	ⓒ ⓒ ⓡ ⓟ ⓞ	7.3.0.0 or above	--

[1] AhsayCBS is only supported on 64 bit Windows platforms.
[2] For AhsayACB installation on Windows, you can only install it on a Windows desktop operating system such as Windows 7, 8, 8.1.
[3] For AhsayOBM installation on 64 bit Windows platforms, Adobe Flash Player 11 - 64 bit version for Internet Explorer must be installed:
   http://get.adobe.com/flashplayer/otherversions

Operating System	Supported Application	Supported Version	Support End Date
Linux platforms: [4, 5, 6]			
CentOS 6	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	2017/11/30
CentOS 7	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	2024/06/30
Red Hat Enterprise Linux 6	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	2020/11/30
Red Hat Enterprise Linux 7	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	2024/06/30

[4] AhsayCBS is only supported on 64 bit Linux platforms.
[5] Other Linux distributions such as Fedora are not officially supported, but should work.
[6] System without graphical environment are supported by AhsayOBM version 7.5.0.0 or above. GUI support Gnome, but KDE should work.

Operating System	Supported Application	Supported Version	Support End Date
UNIX platforms: [7, 8]			
FreeBSD (9.0 / 9.1 / 9.2 / 10.0) [9]	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	EOS reached
FreeBSD 10.1	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	2016/12/31
Solaris 10 x86	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	2018/01/31
Solaris 11 Express x86	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	--
Solaris 11 Express x86	ⓒ ⓒ ⓡ ⓞ	7.3.0.0 or above	2024/11/30

[7] AhsayCBS is only supported for 64 bit Unix platform.
[8] Support system with graphical environment only. GUI support for Gnome, but KDE should work.
[9] Limited support, no intensive testing has been performed on this platform, but should work. Best effort support will be provided.

Operating System	Supported Application	Supported Version	Support End Date
Mac OS X			
Mac OS X 10.7.3 or above [10]	ⓞ ⓐ	7.3.0.0 or above	--
Mac OS X 10.8	ⓞ ⓐ	7.3.0.0 or above	--
Mac OS X 10.9	ⓞ ⓐ	7.3.0.0 or above	--
Mac OS X 10.10	ⓞ ⓐ	7.3.0.0 or above	--
Mac OS X 10.11	ⓞ ⓐ	7.3.0.0 or above	--

[10] Support for Java 7 starts at Mac OS X 10.7.3.

Operating System	Supported Application	Supported Version	Support End Date
Mobile platforms			
Android [11]	Ⓜ	7.9.0.0 or above	--
iOS [12]	Ⓜ	7.9.0.0 or above	--

[7] Support Android 4.1 or above.
[8] Support iOS 7.0 or above.

Applications and Database Compatible With AhsayOBM

Application	Supported Version	Support End Date (YYYY/MM/DD)
MS Exchange:		
Exchange Server 2007 (Standard / Enterprise)	7.3.0.0 or above	2017/04/11
Exchange Server 2010 (Standard / Enterprise) [11]	7.3.0.0 or above	2020/01/14
Exchange Server 2013 (Standard / Enterprise) [11]	7.3.0.0 or above	2023/04/11
Exchange Server 2016 (Standard / Enterprise) [12]	7.7.0.0 or above	2025/10/14
Office 365 Exchange Online	7.9.0.0 or above	2025/10/14
[11] Database Availability Group (DAG) for Exchange 2010 and 2013 are supported by AhsayOBM version 7.5.0.0 or above. [12] Support MS Exchange Server Backup Module for Exchange Server 2016 and Exchange Server 2016 Database Availability Group (DAG).		
MS SQL:		
SQL Server 2005 (Standard / Express / Enterprise)	7.3.0.0 or above	2016/04/12
SQL Server 2008 (Standard / Express / Enterprise)	7.3.0.0 or above	2019/01/08
SQL Server 2008 R2 (Standard / Express / Enterprise)	7.3.0.0 or above	2019/01/08
SQL Server 2012 (Standard / Express / Enterprise)	7.3.0.0 or above	2022/07/12
SQL Server 2014 (Standard / Express / Enterprise)	7.3.0.0 or above	2024/07/09
MS SharePoint: [13]		
SharePoint Server 2007	7.3.0.0 or above	2017/10/10
SharePoint Server 2010	7.3.0.0 or above	2020/10/13
[13] Backup performed using file backup set with pre-backup command.		
Oracle:		
Oracle Database 11g Release 2	7.3.0.0 or above	2018/01/01
Oracle Database 12c Release 1 [14]	7.3.0.0 or above	2021/07/01
[14] Oracle Database 12c is only support on Windows platforms.		
MySQL:		
MySQL 5.5.x (Standard / Enterprise)	7.3.0.0 or above	--
MySQL 5.6.x (Standard / Enterprise)	7.3.0.0 or above	--
Lotus Domino / Notes: [15]		
Domino / Notes 8.5.x	7.3.0.0 or above	--
Domino / Notes 9.0.x	7.3.0.0 or above	--
[15] Domino and Notes version 8.5.2 are not supported, and Notes is only support on Windows platforms by AhsayOBM and AhsayACB.		
MS Virtualization Platforms: [16, 17]		
Hyper-V Server 2008	7.3.0.0 or above	2020/01/14
Hyper-V Server 2008 R2	7.3.0.0 or above	2020/01/14
Hyper-V Server 2012	7.3.0.0 or above	2023/01/10
Hyper-V Server 2012 R2	7.3.0.0 or above	2023/01/10
Hyper-V Server 2008 Stand-alone Server	7.3.0.0 or above	2020/01/04
Hyper-V Server 2008 R2 Stand-alone Server	7.3.0.0 or above	2023/01/10
Hyper-V Server 2012 Stand-alone Server	7.3.0.0 or above	2020/01/04
Hyper-V Server 2012 R2 Stand-alone Server	7.3.0.0 or above	2023/01/10
[16] Hyper-V Server 2008 R2, 2012, and 2012 R2 Cluster are supported by AhsayOBM version 7.5.0.0 or above. [17] Run Direct feature is not available on Hyper-V Server 2008 and Hyper-V Server 2008 Stand-alone Server.		
VMware Virtualization Platforms:		
VMware Player 6.x [18]	7.3.0.0 or above	2015/09/04
VMware Player 7.x [18]	7.3.0.0 or above	2016/06/02
VMware Workstation 10.x [18]	7.3.0.0 or above	2015/09/04
VMware Workstation 11.x [18]	7.3.0.0 or above	2016/06/02
VMware Workstation 12.x Pro [18]	7.5.0.0 or above	2017/02/25
VMware Fusion 6.x	7.3.0.0 or above	2015/09/04
VMware Fusion 7.x	7.3.0.0 or above	2016/03/03
VMware Fusion 8.x	7.5.0.0 or above	2017/02/25
VMware ESXi Server 5.x	7.3.0.0 or above	2018/08/24
VMware ESXi Server 6.0 update 1	7.3.0.0 or above	2020/03/12
VMware ESXi Server 6.0 update 2	7.7.0.0 or above	2020/03/12
VMware vCenter Server 5.x	7.3.0.0 or above	2016/08/08
VMware vCenter Server 6 update 1	7.3.0.0 or above	2020/03/12
[18] VMware Player 6.x or above, and Workstation 10.x or above is only support on Windows platforms.		
StorageCraft ShadowProtect:		
ShadowProtect 5.2.3 (Desktop / Server)	7.3.0.0 or above	--
System State Backup Module:		
Server 2008	7.3.0.0 or above	--
Server 2008 R2	7.3.0.0 or above	--
Server 2012	7.3.0.0 or above	--
Server 2012 R2	7.3.0.0 or above	--
Small Business Server 2008	7.3.0.0 or above	--
Small Business Server 2011	7.3.0.0 or above	--
MS Windows System Backup Module:		
Vista	7.3.0.0 or above	--
7	7.3.0.0 or above	--
8	7.3.0.0 or above	--
8.1	7.3.0.0 or above	--
10	7.3.2.0 or above	--
Server 2008	7.3.0.0 or above	--
Server 2008 R2	7.3.0.0 or above	--
Server 2012	7.3.0.0 or above	--
Server 2012 R2	7.3.0.0 or above	--
Small Business Server 2008	7.3.0.0 or above	--
Small Business Server 2011	7.3.0.0 or above	--

Get Served by Our Support Engineers

Our professional customer support team is dedicated to help our customers solve any problems encountered through one of the following services.

	Standard Support	TotalCare Support	ServeMeFirst Support	Premium Loyalty Support
Communication Channel				
Support Ticket	✅	✅	✅	✅
Live Chat	✅	✅	✅	✅
Toll Free Australia : 1800 195 695 Belgium : 0800 1 0009 Canada : 1 855 378 9408 Denmark : 80 253 422 Germany : 0800 184 0235 Norway : 800 16 923 Netherlands : 0800 0229686 Sweden : 020 0125528 UK : 0808 1017145 US : 1 844 418 4963	✅	✅	✅	✅
Hotline International : +852 3580 8037	✅	✅	✅	✅
Dedicated support engineer	❌	❌	✅	✅
Work in your time zone	❌	❌	✅	✅
WhatsApp	❌	❌	❌	✅
Direct email communication	❌	❌	❌	✅
Resolution				
Urgent known issue resolution	2 biz days	2 biz days	1 biz day	1 day (including weekends and public holidays)
Urgent unknown issue resolution	4 biz days	4 biz days	1 biz day	3 days (including weekends and public holidays)
Non-urgent issue resolution	5 biz days	4 biz days	1 biz day	3 days (including weekends and public holidays)
First response	4 biz hours	4 biz hours	1 hour	8 hours (during biz days) 24 hours (including weekends and public holidays)
Progress Update				
Progress update frequency	Every biz day	Every biz day	Continuous	Everyday (including weekends and public holidays)
Support Hours				
Support hours	16 x 5 (0900 to 1800 & 2200 to 0600 GMT+8)	16 x 5 (0900 to 1800 & 2200 to 0600 GMT+8)	16 x 5 (0900 to 1800 & 2200 to 0600 GMT+8)	24 x 7
Priority Escalation				
Support case escalated to the 1st position in queue	❌	❌	✅	✅
Proactive Support				
Continuous system monitoring	❌	❌	❌	✅
Free usage of monitoring software	❌	❌	❌	✅
Problem Solving				
Remote troubleshooting	✅	✅	✅	✅
Onsite troubleshooting	❌	✅	❌	❌
Other Services				
Appliance hardware delivery	❌	✅	❌	❌
Initial software installation	❌	✅	❌	❌
Software upgrade by Ahsay	❌	✅	❌	❌
Appliance hardware maintenance	❌	✅	❌	❌
Next business day hardware replacement	❌	✅	❌	❌
Eligibility				
Eligibility	Valid maintenance	Valid maintenance + TotalCare Annual Fee that equals 30% of total license value + Hong Kong Customer	Valid maintenance + US$800 per case during office hours or US$1,600 per case during other hours	Valid maintenance + By invitation / US$12,000 Annual Fee

Ahsay Systems Corporation Limited

(A wholly owned subsidiary of Ahsay Backup Software Development Company Limited [HKEx Stock Code: 8290])

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Free Trial	www.ahsay.com/freetrial
Website	www.ahsay.com