

v9.3.2.0 Release Notes (27-Jun-2022)

1. We have recently identified and confirmed a critical bug found in AhsayCBS / OBM / ACB v9 (v9.1.2.17 to v9.1.4.21) that affects all types of Backup Sets Refer to [Upgrade Advisory #34490](#) for more information.

Limitation / Known Issue of This Version

Deployment / Upgrade

- For multi-domain SSL certificates added to CBS before v7.17.0.30, users are required to re-add the SSL certificates to CBS v7.17.0.30 or above, before the certificates can be used on sub-admins accounts.

Note

- 1. Besides the availability of re-branding option, the license key must have valid maintenance in order to build any v9 branded AhsayCBS/OBM/ACB installer.
- 2. If you've customized cbs.css in the previous version, please manually redo the CSS customization upon upgraded to this latest version.

This release contains the major features listed below:

Enhancement

AhsayCBS

Application Specific Backup - Microsoft365

- Support Backup & Restore of MS Teams (ref: T-28946)
- Support M365 Mail Restore as PST File (ref: T-30045)
- Support M365 Restore to alternate Site Collections (ref: T-33244)
- Support restore to local folder for Run on Server M365 Backupsets (ref: T-31730)
- M365 remove support of Basic Authentication (ref: T-33768)
- UI Revamp of M365 Modules (ref: T-28943)

Backup Destination

- Support of Wasabi EU Central 2 (Frankfurt) (ref: T-34492)
- Support of Wasabi AP Southeast 1 (Singapore) (ref: T-34569)
- Support of Wasabi CA Central 1 (Toronto) (ref: T-34569)
- Support of Wasabi AP Southeast 2 (Sydney) (ref: T-34431)

Reporting / Email Report

- Align GUI wording “Migrate Data” with “Migrate Delta” on Backup Report (ref: T-34557)
- Enhanced presentation of User Change Log on Web Console and Backup Report (ref: T-22774)
- Include backup user's alias on CBS report (ref: T-23165)

2FA / Security

- Device Impersonation for TOTP (Option for CBS Administrator to setup 2FA for Backup Users) (ref: T-31004)

General / Miscellaneous

- Remove 'forum.ahsay.com' from branding properties %UPDATES_URL% (ref: T-34496)
- Upgrade Bundled Tomcat to v8.5.79 (ref: T-34593)

AhsayOBM / AhsayACB / AhsayMobile

Application Specific Backup - Microsoft365

- Support Backup & Restore of MS Teams (ref: T-31469)
- Support M365 Mail Restore as PST File (ref: T-30045)
- Support M365 Restore to alternate Site Collections (ref: T-33244)
- M365 remove support of Basic Authentication (ref: T-33768)
- UI Revamp of M365 Modules (ref: T-28943)

Application Specific Backup - VMWare

- Support of VMware Workstation v16.2.0 (ref: T-33741)

Application Specific Backup - Others

- Support of MariaDB 10.8 (ref: T-33967)

Backup Destination

- Support of Wasabi EU Central 2 (Frankfurt) (ref: T-34492)
- Support of Wasabi AP Southeast 1 (Singapore) (ref: T-34569)
- Support of Wasabi CA Central 1 (Toronto) (ref: T-34569)
- Support of Wasabi AP Southeast 2 (Sydney) (ref: T-34431)

General / Miscellaneous

- Prompt user to correct inaccessible Temporary Directory when creating backup set (ref: T-31554)
- Align GUI wording “Migrate Data” with “Migrate Delta” on Backup Logs (ref: T-34534)
- New OBC installation directly enters “Register Trial User” page not allowing any existing user login (ref: T-33992)

Index

- Enhanced Index Files Handling for Multiple Host (Cluster / DAG) Backupsets (ref: T-34293)

Synology / QNAP NAS

- Support of QNAP QTS 5.0 (ref: T-32635)
- Support Integrity Check with [Rebuild index] option for NAS (ref: T-34072)
- Replace SynologyOBM python middleware with Tomcat (ref: T-33151)
- Replace QNAPOBM python middleware with Tomcat (ref: T-33468)

Bug Fix

API

- CBS - ListBackupJobStatus.do reporting all finished backup job's UploadSize = 0 (ref: T-34143)

File Backup

- OBM - File Backup gets error "timeout happen when operate delta unit" (ref: T-34239)
- OBC - File Backup encountered error "Error=java.lang.StackOverflowError at java.io.WinNTFileSystem.normalize(WinNTFileSystem.java:96)" (ref: T-34405)
- OBC - File Backup stuck when shrinking shared block (ref: T-34547)
- OBC - File Backup gets error "Failed to initialize RemoteBDB.Cloud. Error=null and backup keeps failing" (ref: T-34654)

Backup Destination

- OBM - System State Backup to Backblaze gets error "[BackblazeManager.delete] <B2Exception 400 file_not_present: File not present:...>" (ref: T-34542)

Application Specific Backup - Microsoft365

- CBS - M365 Backup encountered "Failed to backup item %Subject_Name% error = Item was not processed as a result of a previous error" (ref: T-34278)
- CBS - M365 Backup gets error "Destination integrity check failed. Error ... stack:java.sql.SQLException: Cannot get file ID" (ref: T-34415, T-34444)
- CBS - M365 Restore completes within minutes without restoring anything at all (ref: T-34379)
- CBS - M365 Exchange Restore shows only old snapshots (ref: T-34434)
- CBS - Default M365 Backupsets failed to run scheduled backup (ref: T-34406)
- CBS - Incomplete UI shown on M365 Restore Data page (ref: T-34160)
- CBS - No data shown on the Restore GUI when restoring M365 SharePoint Backupsets (ref: T-34369)
- CBS - M365 Restore gets error "Failed to restore "...". Error=java.io.IOException: Underlying input stream returned zero bytes" (ref: T-34497)
- CBS - M365 Backup fails to list with null error (ref: T-34503)
- CBS - M365 Backupset starts to get Quota (E-mail Account) exceeded error after upgraded to v9.1.4.0 (ref: T-34533)
- CBS - When restoring empty M365 Personal Site lists, warning "[SerializableXmlEntity.getDescriptor] Attribute is NULL" is returned (ref: T-34524)
- CBS - M365 Backup gets error "com.ahsay.afc.bfs.cloud.h: Path "%Path%" cannot be added to subindex. Current="xxx", Expected="yyy"" (ref: T-34562)
- OBM - M365 Backup encounters "Abort due to constraint violation (FOREIGN KEY constraint

failed)" index error (ref: T-34672)

- OBM - M365 Backup gets error "[GraphService.getTenantInfoViaSharePoint] Failed. Give up retry, retried 33 time(s)" (ref: T-34510)
- OBM - Raw file of OneDrive does not update after being replaced by another file with the same name in Backup Source (ref: T-34541)
- OBC - Restore destination selection shows error "Web authorization did not started yet. Please call "getAuthUrl()" again." (ref: T-34159)
- CBS, OBM - File/Folder-list in Restore screen does not align with the way showing on the Advanced Backup Source (ref: T-34277)

Application specific backup - MS Exchange Mail

- OBM - Exchange Mail-Level Restore gets error "FastPipedOutputStream has been closed by the reading thread" (ref: T-34556)
- OBM - Exchange Mail-Level Backup gets error "Failed to connect to Exchange Management Shell" on non-PDIC Backup jobs (ref: T-34711)
- OBM - Exchange Mail-Level Backup gets error "com.ahsay.afc.bfs.cloud.h: Path "%Path%" cannot be added to subindex. Current="xxx", Expected="yyy" (ref: T-34716)

Application specific backup - MSSQL

- OBM - Restored Databases cannot be attached to MSSQL Server (ref: T-34490)
- OBM - MSSQL Restore gets error "Network Problem: will retry in yyy second(s) (Failed to getInputStream of file: xxx.bak, HTTP Code: 404 [NoSuchKey], ..." (ref: T-34572)
- OBM - MSSQL Restore failed due to " [erro] Skip delete unmatched data because failed to update the selected file result." (ref: T-34141)

Application specific backup - MySQL

- OBM - MySQL Restore gets error "ERROR at line 1: Unknown command '\U'" (ref: T-34307)

Application Specific Backup - Hyper-V

- OBM - Hyper-V Backup gets error "java.lang.UnsatisfiedLinkError: com.ahsay.afc.microsoft.MSVMMManager.startShadowCopy" (ref: T-33990)
- OBM - Hyper-V Restored VM corrupted, entered Auto Repair on boot (ref: T-34338)
- OBM - Granular Restore of Hyper-V Cluster gets error "[BackupSetIndexDB.getFileChunks]...stack:java.sql.SQLException: Cannot get file ID" (ref: T-34602)
- OBM - Hyper-V Backup gets error "java.io.IOException: Error The system cannot find the file specified" (ref: T-34372)
- OBM - Hyper-V Backup gets error "Exception in 2/files/upload: \"other\" with Dropbox destination" (ref: T-34336)
- OBM - Hyper-V Backup to S3 Compatible Storage fails with error "Bucket 'backup' exists already" (ref: T-34403)
- OBM - Hyper-V 2019 Cluster Backup gets error "java.lang.NullPointerException" (ref: T-34461, T-34619)
- OBM - Hyper-V Backup gets error "java.lang.NullPointerException" (ref: T-34487, T-34586)
- OBM - Hyper-V Cluster Backup gets error "[Attribute Changed File]...Error="[h] [CloudBasic.updateHeader] Backup file not found" (ref: T-34228)
- OBM - Hyper-V Backup gets error "java.lang.UnsatisfiedLinkError: com.ahsay.afc.microsoft.MSVMMManager.startShadowCopy" (ref: T-33990)

- OBM - Hyper-V Backup getting "Failed to process CBT/RCT, C:\PData\CBTFilter\CBTDisk\... (The system cannot find the file specified)" (ref: T-34630)
- OBM - Deduplication statistics is incorrect for Hyper-V Backup sets (ref: T-34652)

Application Specific Backup - VMWare

- OBM - Not all files are restored when restoring VMware Backup with two VMs using "Restore raw file" (ref: T-34200)

Index

- OBM - OBM does not retrieve latest index file from backup destination before performing operations (Backup/Data Integrity Check) (ref: T-34603)

Restore / Decrypt

- OBM - Could not Restore all the files and Decrypt from Replication server, gets error "Unable to decrypt data \"%path%\blocks". Reason = "null"" (ref: T-34427)
- OBM - File Restore with Restore script cannot restore from single files (ref: T-34561)

Synology / QNAP OBM

- OBM - SynologyOBM prompts "Error in updating profile" when editing the backupset setting and save the changes (ref: T-34343)
- OBM - Gets "URL not found" and "proxy error" in Synology & QNAP OBM when launched (ref: T-34152)

General / Miscellaneous

- CBS - Typo correction, CBS user account label for Module: "In-File DeltaOnly apply to v8 or before" (ref: T-34387)
- CBS - "Dedupe Saving" size on CBS statistics page mismatch with Data Integrity Check result (ref: T-34522)
- OBM - Backup does not upload full file for updated data when Deduplication is disabled (ref: T-34558)
- CBS - Encryption setting was disabled on ACB after upgraded from v6 (ref: T-34527)
- CBS = Unable to create Backup User under Sub-Admin User Management (ref: T-33892)
- CBS - "The installer / restorer is not available..." is hit when downloading installers from Download page using user "system" as login. (ref: T-34479)

Translation

- CBS, OBC - Update of Dutch Translation for Deduplication Settings (ref: T-34624)
- CBS, OBC - Correction of "u2019" (Right single quotation mark in Unicode) in French Translation (ref: T-34477)

Reporting / Email Report

- CBS - Email Report and API Service Errors with "[NumberFormatException] For input string:..." are logged in CBS from some OBM backup jobs (ref: T-34134)
- CBS - CBS Backup / Restore Log doesn't show Missed Backup jobs (ref: T-34425)

System Maintenance

- CBS - CBS started large number of threads, causing web console unresponsive (ref: T-34402)
- OBC - Application GUI cannot be started by SystemTray.exe via Tray icon or Shortcut on 32-bit Windows (ref: T-34683)
- OBC - SystemTray64.exe occasionally crash when "Tolerance" Backup Reminder is enabled (ref: T-34730)

Product Abbreviation:

- AhsayACB - ACB
- AhsayOBM - OBM
- AhsayCBS - CBS
- AhsayACB & AhsayOBM - OBC
- (AhsayMobile) Mobile Backup Server - MBS

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