

v8.7.0.0 Release Notes (24-May-2022)

1. In this release, all Log4j binaries has been removed. Refer to [Ahsay Advisory - Log4j vulnerability \(CVE-2021-44228\)](#) 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 v8 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 - Office365

- Change the "Skip backing up E-mail Account ... Fault: Mailbox does not exist / user has no Exchange Online license / logged ..." as a warning (ref: T-32806)

General / Miscellaneous

- Add Reminder for Backup when last Backup is over tolerance period (ref: T-33385)

Security

- Removal of Log4j dependencies (ref: T-33227, [Ahsay Advisory to Log4j vulnerability \(CVE-2021-44228\)](#))

AhsayOBM / AhsayACB / AhsayMobile

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Bug Fix

File Backup

- OBM - File Backup stuck when “Saving encrypted Backup file index to %Destination%. (ref: T-32667)
- OBM - File Backup gets error=org.sqlite.SQLiteException: [SQLITE_FULL] Insertion failed because database is full (database or disk is full) when index file reaches ~100MB (ref: T-34073)
- OBM - File Backup occasionally stops immediately after started, nothing logged in Backup log (ref: T-34263)
- OBM - When using Favorites folder as source in CLI, gets error “Failed to Import XML File” (ref: T-32230)
- OBM - File Backup gets stuck for Linux VMs on Proxmox platform (KVM based) (ref: T-32489)
- OBM - File Backup gets error “Failed to check integrity of destination “%Destination_ID%”” (ref: T-33395)
- OBM - File Backup keeps crashing (ref: T-33824)
- OBM - File Backup completed successfully but no file was backed up (ref: T-33853)
- OBC - File backup gets error “[ERROR] Invalid Volume “%”: \ (volume shadow copy is assumed)” when Google Drive application is running (ref: T-32342)
- OBC - Application crashes when running file Backup (Problematic frame: # C [KERNELBASE.dll+0x34f99]) (ref: T-32265)
- OBC - File Backup gets error “Error=“java.io.IOException: [ReadFile] (87) The parameter is incorrect” (ref: T-32579)
- OBC - Backup to OpenStack fails migration to new db index, retrieving directory as a file (ref: T-32805)
- OBC - File backup gets error “[MigrateV6Index.downloadV6Index] Failed to download v6 index” (ref: T-32494)

Application specific Backup - CloudFile

- CBS - CloudFile Backup gets error “java.sql.SQLException: database connection closed” even though Backup jobs are successful (ref: T-32763)
- CBS - Encounter “Failed to access destination...” or “Failed to login to Office 365” when accessing Backupset (ref: T-33995)
- OBM - Cannot re-authenticate the account after OneDrive enabled MFA (ref: T-34217)

- OBC - Backup schedule of CloudFile Backupset is being disabled after Backupset creation on CBS User web console (ref: T-33963)

Application specific Backup - MS Exchange (Mail-Level)

- OBM - Exchange Mail-Level Backup gets error="Error=com.ahsay.afc.cloud.e: [EwsManager.init.CloudCache.listDirectFromCloud] Unexpected Throwable" (ref: T-33476)
- OBM - Exchange Mail Level Backup gets Error="java.lang.OutOfMemoryError: Java heap space (ref: T-33726)
- OBM - Outdated sub-index files retained in backup destination (ref: T-32557)

Application specific Backup - MS Exchange (Database)

- OBM - Exchange Database Backup failed to backup .edb due to size change (disk issue) but subsequent Log Backup reporting OK (ref: T-33540)

Application specific Backup - Hyper-V

- OBM - Newly created HyperV RunDirect Backupset failed to Perform 1st Backup due to "Failed to initialize RemoteBDB.Cloud." (ref: T-34168)
- OBM - Hyper-V Failover Cluster Backup gets "Virtual machine "%VM_Machine_Name%" does not exist!" warning (ref: T-32645)
- OBM - Hyper-V Failover Cluster Backup gets error "Failed to upload cached index file %Temp_Directory_path%" (ref: T-33140)
- OBM - Hyper-V Restore encounters "Network Problem...Reason = invalid distance code" (ref: T-33102)

Application specific Backup - Office365

- CBS - Encounter "Failed to access destination..." or "Failed to login to Office 365" when accessing Backupset (ref: T-33995)
- CBS - Office365 Backup consumed high memory usage, getting OutOfMemory error or killed by kernel (ref: T-34323)
- CBS - Office365 Backup Unable to verify integrity of data to "{0}". Error: "{1}" (ref: T-33848)
- CBS - Office365 Exchange Backup getting ApplicationImpersonation permission error (ref: T-33915)
- CBS - Office365 Mail Backup got items backed up again (ref: T-33979)
- CBS - Decrypt Office365 Backupset gets OutOfMemory error (ref: T-33678)
- CBS - Data Integrity Check gets error "Failed to check integrity of destination... Err=[SQLITE_CORRUPT] The database disk image is malformed (database disk image is malformed)" (ref: T-34290)
- CBS - Office365 Backup retention period is different from the effective retention period, data deleted by retention policy and cannot be restored (ref: T-32606)
- CBS - Office365 Backup stops running after ~1-2 days (ref: T-32821)
- CBS - Office365 Backup incorrect statistics (ref: T-32749)
- CBS - Office365 Backup encountered error "Fail to process '%File_Path%' Reason=Invalid high surrogate character (0xDD00)" (ref: T-32854)
- CBS - Office365 Backup gets error "[CloudFileSystem.createFile] Parent directory '%Directory_Path%' does not exist" (ref: T-32938)
- CBS - Office365 Exchange Backup encountered network errors (ref: T-32914)
- CBS - Office365 SharePoint Backup still running slow after upgrade and with error like

- ParseError at [row,col]:[1992,61] Message: Connection reset (ref: T-32495)
- CBS - Office365 Backup gets error "...[SQLITE_ERROR] SQL error or missing database (cannot rollback - no transaction is active)" (ref: T-32917)
 - OBM - Office365 Backup gets error "Failed to upload cached index file %Temp%\index\subindex\%Sub-Index_File_Name%\db back to destination (ref: T-32798)
 - CBS, OBM - Some SharePoint Documents version is missed after the restore (OBM) (ref: T-33925)
 - CBS, OBM - Restore to alternate location getting restore skipped (ref: T-33616)
 - CBS, OBC - Office365 Restore to alternate location getting restore skipped (Not support to create non-deletable list) (ref: T-33948)
 - CBS, OBC - The file/folder-list in Office365 Restore screen (from a snapshot) does not align with the way showing on the Advanced Backup Source (ref: T-34277)
 - CBS, OBC - Office365 Backup Job (Data Synchronization Check) doesn't pickup missing data from source after all data deleted by Data Integrity Check (ref: T-33402)
 - CBS, OBC - Office365 Backup gets error "java.io.IOException: [SharedBlockOutputStream.write] File cannot use SharedBlockOutputStream" (ref: T-33834, T-34220)
 - CBS, OBC - Office365 Backup failed with "Delete missing save data file" and Block files (.bak) cannot be uploaded and found in block validation (ref: T-34235)
 - CBS, OBC - Office365 Backup keeps re-uploading data and warn Fail to open '%backupsetID%/blocks/%date%\index.db.xx.yy.zz.cgz'. Error='Not in GZIP format' (ref: T-33949, T-33854)
 - CBS, OBC - Office365 Backup gets error "File: \"%Backupset_ID%/blocks/%Backup_job%/y/xxxxxx.bak", NOT Found" (ref: T-33495)
 - CBS, OBC - Using an AzureAD App from a different organization to Backup users gets "Index: 0, Size: 0" error (ref: T-32361)
 - CBS, OBC - Office365 Backup gets error "[SharePointManager.listDirectFromCloud] Failed to create a new folder iterator." (ref: T-32410)
 - CBS, OBC - Office365 Backup gets error "Failed to resolve Backup source shortcut paths...This application does not have the required permissions..." (ref: T-32532)
 - CBS, OBC - Office365 Backup gets error "Fail to process 'Office 365/Site Collection/%Site'" for Office365 personal site (ref: T-32609)
 - CBS, OBC - Office365 SharePoint "Data Synchronization Check" backup stuck after running for 1.5 hours (ref: T-32492)
 - CBS, OBC - Office365 Backup gets error "Failed to create a new folder iterator... The database has been closed" (ref: T-32560)
 - CBS, OBC - Office365 Backup gets error "java.lang.Exception: Failed to resolve Backup source shortcut paths" (ref: T-32664)
 - CBS, OBC - Office365 Restore encounters "Fail to get relative Url" error, files not restored (ref: T-32677)
 - CBS, OBC - Office365 SharePoint unsatisfactory Backup performance & disappeared from Live Activities while still running (ref: T-32483)
 - CBS, OBC - Memory error "Reason=com.independentsoft.share.bq: GC overhead limit exceeded" is hit when running an Office365 Backup (ref: T-33037)
 - CBS, OBC - Block files deleted when sub index is in use on Data Integrity Check (ref: T-33243)
 - CBS, OBC - Outdated index files remained in the current sub-index folder (ref: T-33045)

Application specific Backup - MSSQL

- OBM - MSSQL Backup gets error "File: \"%BackupsetID%/blocks/%date_time%/0/xxxxxx.bak",

invalid destination ID "-1" (ref: T-33952)

- OBM - MSSQL Backup data size is much smaller than the Backup source (ref: T-34009)

Application specific Backup - VMWare

- OBM - Cannot restore one of the disk from VMware Backupset and could not mount the restored raw files (ref: T-33994)
- OBM - Huge Backup Log generated when files is deleted in Retention Policy & Data Integrity Check (ref: T-33360)
- OBM - VMWare Backup gets error "Failed to list from root/host folder" (ref: T-33813, T-34409)
- OBM - VMware Backup gets error "[Vmruntime.listRunningVMs] Failed to list running VMs on this host. Error=[Vmruntime.executeCmd "vmruntime"] Unexpected LineCommand" (ref: T-32814)
- OBM - VMWare Backup error 'Unknown error from class "java.lang.NullPointerException"' (ref: T-32931)

Application specific Backup - Other

- OBM - Failed to restore Oracle Backupset with error "[error] grant sysdba to system container=ALL" (ref: T-32734)

Synology / QNAP OBM

- OBM - Blank backup source selection shown on QNAP QTS 4.2 devices (ref: T-33312)

Backup Destination

- OBM - Backup gets error "Failed to check integrity of destination .. [S3CompatibleManager.listFiles] Failed to list files .. We encountered an internal error" (ref: T-33993)

Index

- OBC - PDIC encounter "Physical data not found" (ref: T-32413)
- OBC - Backup error "Failed to initialize RemoteBDB.Cloud.Error=Database Index "..index.db" is in use" randomly occurs in macOS (ref: T-32406)

Restore / Decrypt

- OBM - Files in retention area missing for restore (ref: T-32886)
- OBM - File Restore gets error "Failed to decrypt data in %Data_Path%. Reason = "Decrypting key is incorrect."" with the correct encryption key (ref: T-32828)
- OBM - File Decrypt Utility failed to decrypt from encrypted Office 365 SharePoint Backup (ref: T-32737)

General / Miscellaneous

- CBS - MFA Setup/Login doesn't work when displaying in French (ref: AJL-559-90471, T-33433)
- CBS - Data Integrity Check log for Run on Server Backupsets only keeps the last 3 lines (ref: T-32748)
- CBS - Meter License Expiry Date(s) does not update daily automatically (ref: T-33451)
- OBM - Backup encountered error v6 data migration for destination "CBS" of backupset "%Backup_Set%" is not completed when running Space Freeing up (ref: T-33653)

- OBM - OBM encountered error “v6 data migration for destination %Dest% of Backupset %BSet% is not completed” when perform Space Freeing Up (ref: T-33011)
- OBM - Backup Schedule Settings on exported BackupSet.xml (Linux) does not align with the one shown on CBS web console (ref: T-33328)

Customization

- CBS - Bulk Build Client Rebuild caused java heap space error, result corrupt cbs.json and users.xml (ref: T-33503)

System Maintenance

- CBS - CBS web console stops responding after running for a few minutes (ref: T-34121)
- CBS - After deleting Subadmin via CBS UI, the Branding JSON and any built branded binaries weren't removed (ref: T-31344)
- CBS - Application crash (Problematic frame: C [libpthread.so.0+0x9fd0] and C [libsqlitejdbc.so+0xe0df]) (ref: T-32510)

Replication

- CBS - Replication to OneDrive4Biz keep start/end, some Backupsets delayed in replicating data (ref: T-32608)
- CBS - When running replication, Empty Backupsets folders generated outside replication storage (ref: T-33177)

Reporting / Email report

- CBS - In-File Delta Module disabled warning message is not shown in French Backup Report (ref: T-32472)
- CBS - Delivered Backup Quota Reminder to the user whose quota does not exceed the Quota Alert Percentage (ref: T-32838)
- CBS - Email reports still being sent to Suspended user (ref: T-32983)
- CBS - Backup report email stating the incorrect last successful Backup job (ref: T-33115)

2FA / Security

- CBS - 2FA PNS config change is not updated in pns.json correctly (ref: T-32518)

Product Abbreviation:

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

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