v8.5.0.127 Release Notes (19-Apr-2021)

1. We have recently confirmed a critical bug that affecting v8.3.6.0 to v8.5.0.98. Refer to our latest Upgrade Advisory: http://wiki.ahsay.com/doku.php?id=public:announcement:ahsay_upgrade_advisory_29634 for more information.
2. You are recommended to upgrade to this version if the enhancements or the bug fixes listed below are beneficial to you. Otherwise, you may stay with your current version. All users are recommended to first test running this release on a testing server before actually upgrading the production servers.

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

- 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.

This release contains the major features listed below:

Enhancement

AhsayCBS

Application specific backup - Office365

- Enhanced Logic - Better handling of connection retry when encounter “Refresh Digest” & “Process Dependency path” in Backup (ref: MFC-146-92067, T-29832)
- Enhanced Logic - Refresh Token update on Cloud backup and Office 365 backup (ref: T-30027)
- Improved Error message handling for Microsoft error response, “=ErrorOthers” (ref: POM-815-97090, T-30084)

Backup Destination

- Added Retry message for upload to S3 Compatible Storage Destination. (ref:

MNK-838-62962, T-29533)

Redirector

- Reduce the retry time interval for OBM/ACB scheduler to re-connect CBS (under RDR setup) (ref: T-30048)

Security

- Upgrade Apache Tomcat to 8.5.63 (ref: ZRG-230-78194, T-30099)

AhsayOBM / AhsayACB

Application specific backup - Oracle

- Support of Oracle 18c (ref: T-29513)

Application specific backup - VMware

- Support of VMware vSAN (ref: T-29560)

Synology / QNAP OBM

- Support of QNAP QTS 4.5.x

Bug Fix

API

- CBS - UpdatePolicyGroup.do v2 modifies PrivilegeGroup incorrectly, changed guiSettings.Privilege - rsv-resource-key to empty (ref: XAM-487-59210, T-29932)
- CBS - v6 GetBackupSet.do XML API returns error JSONArray[1] not a string on CBS v8 (ref: EIG-138-31402, T-30190)

Backup Destination

- OBC - The Estimated time left and Transfer rate keep showing zero during backup (ref: KUK-451-96348, T-30409)
- OBC, CBS - Add retry logic for listing FTP directiory on connection reset. (ref: TFA-412-37320, T-29975)
- OBC, CBS - Backup to WASABI error = Failed to list sPath…[S3CompatibleManager.listFiles] Failed to list files…Truncated chunk (ref: T-29081)

General / Miscellaneous

- OBC - When CDP is enabled, backup occasionally failed with Error = Failed to remove file=%PATH%. Reason = “[CloudFileSystem.deleteLinkTarget] Backup file…is not a link target (ref: URT-378-32707, T-28776)
- OBC - Stopped Showing Flash advertisement banner due to the de-support of Adobe Flash

Player. (ref: T-29714)
- CBS - Retention policy reset as 1 if the entered value is not included in the drop-down menu of the retention policy. (ref: ARC-142-19293, T-28567)
- CBS - CBS server redirected the HTTP connection to incorrect connector (ref: RXT-902-70506, T-30205)

Customization

- CBS - Unable to change the branding value of ”%MOBILE_APP_NAME%“ (ref: DYK-422-36476, T-29883)
- CBS - Rebuild Client logged invalid image (missing): %CBSHOME%\build\engine-framework\custom-\app\common\bin\mobile-app-icon.png due to design change (ref: KBN-686-21058, T-29983)

Restore / Decrypt

- OBM - Utilities > Decrypt Backup Data get “Encryption key is invalid.” errors if the backup set has OpenDirect enabled. (ref: T-29913)
- OBM - File Backupset Restore gets error “Target is not file” when the OBM upgraded to v8.3+ and v6 migration has not been completed. (ref: XZE-404-95206, T-30063)

AhsayMobile 2FA / Backup

- OBC - MBS service may not start properly on Windows startup if 2FA is disabled. (ref: T-29966)
- OBC, CBS - When admin added 2FA device for user / other system admin, 2FA reminder still displayed in user's next login. (ref: DWZ-285-18932, T-30031)

Application specific backup - Hyper-V

- OBM - When missing backup in one of the scheduled hosts, backup report is Missed Backup instead of “Missed Schedule host” (ref: T-23116)

Application specific backup - MS Exchange Mail

- OBM - Exchange Mail Level backup causes large numbers and size of sub-index files generated in temporary folder (ref: FCO-526-41154, T-29412)
- OBM - Encountered error ”[FileAttributeIterator.reiterate] Failed to list sPath ='“ on Mail Level backup (ref: KPN-337-90392, T-29600)
- OBM - Miscalculates Mail Level license quota usage on Exchange Mail Level backup (ref: OSY-646-94889, T-29576)
- OBM - Exchange Mail Level backup encounters “Failed to get federate URI for ahsay, Reason = Connect to login.microsoftonline.com:443” error (ref: OIJ-664-95017, T-30098)

Application specific backup - Exchange Server DAG

- OBM - When missing backup in one of the scheduled hosts, backup report is Missed Backup instead of “Missed Schedule host” (ref: T-23116)

Application specific backup - Office365

- CBS - Office 365 Retention Policy is not processed on Run on Server backup sets (ref: BNZ-844-97763, T-29960)

- OBC, CBS - Office 365 backup encounters Failed to list sPath due to internal server error and item not found (ref: QXK-108-20972, T-29375)
- OBC, CBS - Office 365 backup improved handling when occasionally encounters 400 Bad Request error when listing items. (ref: DGR-563-70139, T-29391)
- OBC, CBS - Office 365 backup encountered Error= “The file …… does not exist. 404 Not Found” if a file was deleted during a backup job. (ref: VVV-662-51980, T-29856)
- OBC, CBS - Office 365 backup trying to fetch SharePoint info for Exchange only backup set, causing “Tenant does not have a SPO license” error (ref: NTR-994-42064, T-29777)
- OBC, CBS - Office 365 backup does not show the progress of files and directory listings (ref: VOB-604-57128, T-29740)
- OBC, CBS - Office 365 backup encountered unknown blank error (ref: CBS-579-61997, T-29931)
- OBC, CBS - Office 365 backup get stuck at 97% and get Failed to list … Reason = “null” error. (ref: FTO-899-45938, T-30011)
- OBC, CBS - Office 365 backup fails with error Reason=java.sql.SQLException:[TemporaryTable.insert]Table 'null' has been dropped already at com.ahsay.afc.db.tmp.TemporaryTable (ref: EKT-175-40067, T-29950)
- OBC, CBS - Office 365 backup jobs encounters “Fail to process … Reason=Unknown item … found” when files are deleted from source during the backup job. (ref: UJY-706-37875, T-29942)
- OBC, CBS - Office 365 backup keeps getting errors “Fail to process …… Reason=403 Forbidden” for SharePoint Foundation 2010 based platform. (ref: ZOI-981-35146, T-30271)
- OBC, CBS - Office 365 backup keeps reports ” After 5 retries“ (ref: JGS-959-22486, T-30257)

File backup

- OBM - Backup gets [BackupFileSystem.Link.parseLink] sLink doesn't split into 4 or 5 columns error on Backup and DIC jobs (ref: VPI-303-33220, T-29597)
- OBM - File backup Error, ”[IOException] The cloud operation is not supported on a read-only volume“ for OneDrive on-demand files that are not locally available. (ref: CIT-648-38125, T-21147)

Replication

- CBS - Scheduled bandwidth control to another CBS ineffective in certain conditions (ref: CXN-744-95632, T-29565)

Reporting / Email report

- CBS - Backup report statistics does not align with actual statistics. (ref: ZEP-245-98868, T-28737)
- CBS - Restore report not generated due to “String index out of range: -1” error when restoring files with ”]“ at the end of the path. (ref: TAP-457-42588, T-29791)

Synology / QNAP OBM

- OBM - OBM libsqlitejdbc.so for LinArm used on AArch64 Synology NAS, causing “wrong ELF class: ELFCLASS32” and “Error opening connection” error (ref: CHC-927-70604, T-29833)
- OBM - Unable to load library during backup on (x86_64) QNAP which is caused by installing x86 libraries instead (ref: T-30090)

System maintenance

- OBM - cbpsX64.exe has a lot handles (>30k) which causes client machine to run slowly, even when backup not running (ref: GCA-150-53266, T-30068)
- OBC - Backup may fail with “Failed to flush buffer...Exceeded timeout of 1800 seconds for ...bak” error when backup source contains individual large files (such as Hyper-V backups), or transfer speed to the backup destination is slow. (ref: ZYA-794-28379, T-30056)
- CBS - After CBS upgraded to v8.5.0.63, OBCv8.3.2.x cannot connect to Backup Server. (ref: TAM-118-27727, T-29730)
- CBS - CBS deletes the wrong user when multiple tabs of CBS web console are opened. (ref: SKL-224-33415, T-29625)
- CBS - High idle CPU Usage and Live Threads count on CBS (ref: T-30057)

Product Abbrieviation:

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

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