DS-Client v14.2.0.5 Hotfix Readme

1.1   About this hotfix

The following packages have been distributed with this hotfix and must be installed on a system that is running Asigra Cloud Backup v14.2.

- dsclni_14_2_0_5.win64

1.2   New features and functionality

- **Log4j vulnerability** – The version of the log4j component used by the Asigra software has been updated to version 2.17.0 to ensure we have the latest updates and the software is not flagged by any scanning tools.

- **Microsoft 365 SharePoint backup sets** – When configuring a Microsoft 365 backup set, users can now perform folder-level backups of SharePoint Document libraries.

- **VMware vCenter Server backup sets** – When performing a backup of a virtual machine on a VMware vCenter Server, a warning message is now displayed in the Event Log if a backup snapshot cannot be removed.

1.3   Applying this hotfix

To apply this hotfix automatically:

1. Download the required hotfix file.

2. Copy the hotfix file to the DS-System online storage Upgrade directory. When the DS-Client connects to the DS-System, the DS-System validates the DS-Client version number. If the upgrade package on DS-System is higher than the current DS-Client version, the DS-Client will silently upgrade itself.

To apply this hotfix manually:

1. Download the required hotfix file to an empty folder on the DS-Client computer.

2. Rename the hotfix file so that it has an .exe extension.

3. Right-click the .exe file and click **Run as administrator**. The components will be extracted to the same folder.

4. Double-click the **hotfix.exe** file to apply the hotfix.

1.4 Issues resolved in this hotfix

This section lists issues that have been resolved in this hotfix.

Note: This hotfix might include additional fixes that are not documented in this Readme.

ID	Issue
TS-2684	On occasion the refresh token for Microsoft 365 credentials expired due to inactivity, which affected Microsoft 365 (Exchange Online) backup sets.
TS-2692	On occasion some of the error messages that appeared in the Event Log were concatenated.
TS-2694	On occasion when configuring a Microsoft Hyper-V Server backup set, there was a long delay to load the list of virtual machines.
TS-2707	On occasion when connected to a DS-Client with a PostgreSQL database, the DS-Client transitioned to standby mode after performing a backup and an error message was displayed in the Windows Event Viewer log indicating that there was an incompatible database version.
TS-2718	On occasion when performing a Microsoft 365 backup of SharePoint or OneDrive data, if the backup failed for any reason, it blocked all other backup operations from completing.
TS-2944	On occasion when a user changed the name of an existing backup set in DS-User and then connected their DS-Client to the DS-NOC, a new backup set with the old name was created in DS-Client.
TS-3137	On occasion when performing a File System backup or restore of an encrypted file located in a directory path that exceeded 260 characters, the backup failed and an error message was displayed indicating the path of the encrypted file was too long.
TS-3138	On occasion when performing a Salesforce backup, the process was very slow.
TS-3148	On occasion when performing a VMware vCenter Server backup of a virtual machine with NTFS partitions, the DS-Client silently failed to process some NTFS partitions during the File Level Restore (FLR) and the restore wizard did not display the FLR-level items for the affected partitions.
TS-3152	On occasion when performing a restore from a disc/tape backup, an error message was displayed indicating the "tier" column does not exist when browsing and accessing the disc/tape.
TS-3158	On occasion when performing a backup of Microsoft 365 (SharePoint Online) data that contained a file attachment larger than 260 MB, the backup of the affected items failed.
TS-3162	On occasion when performing a cybersecurity scan of a File System backup, warnings were displayed indicating the cybersecurity module could not find the specified file.
TS-3173	On occasion scheduled tasks did not trigger after the daylight savings time change.

1.5 Issues resolved in previous hotfixes

This hotfix is cumulative and contains the following updates from previous hotfixes:

Hotfix 14.2.0.4

ID	Issue
AF-283	A vulnerability has been identified with the Apache log4j component that affects version 2.x to 2.15.0 when JNDI features are used. The log4j configuration used by Asigra software components does not utilize the JNDI feature affected by this vulnerability. However, we have updated the version of the log4j component used by our software to version 2.16.0 to ensure we have the latest updates and our software is not flagged by any scanning tools.

Hotfix 14.2.0.3

ID	Issue
TS-785	On occasion the DS-Client terminated unexpectedly while performing a Microsoft 365 backup.
TS-1121	On occasion when performing a File system backup with VSS enabled, the backup process failed.
TS-1400	On occasion when performing a VMware vCenter Server backup, random error messages were reported.
TS-1472	On occasion when performing a Salesforce backup, the performance was slower than expected.
TS-1476	When generating a Restorable Volume Report, VMware vSphere backup sets reported a backed up data size of zero.
TS-1763	On occasion when performing a Microsoft 365 backup of OneDrive data, an error was reported indicating the path was not of a legal form.
TS-2172	On occasion when performing a Microsoft 365 backup of Groups and Teams data, some backups failed with a read access violation exception.
TS-2396	On occasion when performing a Microsoft 365 backup of Groups data, some backups failed with a read access violation exception and invalid buffer size errors.
TS-2626	On occasion when performing a VMware vCenter Server backup, the backup failed and an error was reported indicating the server refused a connection.
TS-2627	On occasion when performing a Microsoft 365 backup of SharePoint data, some backups failed intermittently and an error was reported indicating the SPO logon failed.
TS-2633	On occasion when performing a VMware vCenter Server backup of a source virtual machine with an NVMe controller, the backup process failed.
TS-2640	On occasion when working with a large Microsoft 365 domain, the performance was slower than expected.
TS-2644	On occasion when attempting to perform a cybersecurity scan of a File system backup set, an error was reported indicating that the cybersecurity module could not be initialized.
TS-2651	On occasion the Daily Admin process continued to run continuously in a loop.
TS-2653	On occasion when performing a Microsoft 365 backup of Teams data, an error was reported indicating the backup reader failed to read the data because the specified resource ID does not exist.
TS-2656	On occasion when performing a synchronization of a backup set, an error was reported indicating there was a violation of the primary key constraint PKBA.
TS-2673	When performing a Microsoft 365 backup, users were unable to select resource mailboxes for backup.
TS-2695	On occasion some DS-Clients were unable to reconnect to the embedded PostgreSQL database following a power outage.
TS-2721	On occasion when performing Microsoft 365 backups with the cybersecurity option enabled, some DS-Clients were terminated unexpectedly.
TS-2730	On occasion when performing a Microsoft 365 backup of Exchange Online mailboxes, the backup process became unresponsive.
TS-2731	On occasion when performing a VMware vCenter Server backup, the backup process failed and an error was reported.

Hotfix 14.2.0.2

ID	Issue
TS-1119	Users were unable to back up and restore a virtual machine in a VMware vSphere 7.0 environment.
TS-1133	On occasion when backing up a large embedded PostgreSQL DS-Client database during the daily or weekly admin process, the backup process failed due to a limit imposed by PostgreSQL. The PostgreSQL max-locks_per_transaction parameter value is now updated automatically to address this issue and the PostgreSQL server and DS-Client are restarted for the changes to take effect.
TS-1249	On occasion when creating a custom report with a valid date and time, an error was displayed indicating the date and time were invalid.
TS-1255	On occasion when Microsoft 365 backup sets were created in DS-NOC or DS-User, the backup sets might get duplicated after upgrading to v14.2 if the DS-Clients were added in the Management Console using the same cloud domain with the auto-discovery option enabled due to new backup sets naming convention implemented in Management Console. DS-Client (14.2.0.2), DS-NOC (14.2.0.1) and Management Console (14.2.0.2) are required.
TS-1340	On occasion when creating a Microsoft 365 backup set, some SharePoint sites were not displayed on the SharePoint tab.
TS-1342	On occasion when upgrading a DS-Client from v13.3. to v14.2, the upgrade process failed during the database migration process due to an issue in the PostgreSQL engine.
TS-1378	When backing up and restoring Microsoft 365 backup sets, Management Console users could not perform real-time scans of their Groups and Teams files for malware during the backup and restore process. Requires Windows DS-Client (14.2.0.2) and Management Console (14.2.0.2) or later.
TS-1389	On occasion when restoring email data that had been backed up at the individual message level from Microsoft Outlook using DS-MLR, if the user applied a filter, the restore failed with errors.
TS-1415	On occasion when using an embedded PostgreSQL database in a Grid DS-Client configuration, the PostgreSQL database terminated unexpectedly during the daily admin process.
TS-1420	On occasion Microsoft 365 backup set data was backed up a second time after the Daylight Savings Time (DST) change, which resulted in two generations of the data available in the DS-System.
TS-1460	On occasion when performing a File system backup on a machine on which the Microsoft Azure Recovery Services (MARS) agent was installed, an error message was displayed indicating the system could not find the specified path.
TS-1462	On occasion when performing a Microsoft 365 backup of OneDrive accounts, the backup failed and a DisplayName error was reported.
TS-1463	An error message was displayed because the DS-Client API certificate had expired.
TS-1469	On occasion when performing a Microsoft 365 backup of Exchange Online mailboxes, an error message was displayed even though the data was backed up successfully.
TS-1803	On occasion when performing a synchronization process, a COALESCE error was reported.

Hotfix 14.2.0.1

ID	Issue
TS-926	On occasion when performing a backup of a Microsoft SQL Server (Classic) backup set configured with the Full plus Differential database backup policy, a second full backup was performed rather than a differential backup.
TS-1131	On occasion when backing up an embedded PostgreSQL DS-Client database during the daily admin process, the backup of the database failed because of a limit imposed by PostgreSQL. An error message is now displayed in the DS-Client Event Log to inform users and instruct them to increase the value of the PostgreSQL max-locks_per_transaction parameter.