

DataNow

Release Notes (Version 4.1 Windows Update 1)

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Components in this Release

Component	Version
Windows	4.1.545.0

Important Upgrade Information

Windows Client

You must install the following Microsoft updates: KB2919355, KB2919442 and KB2999226. These can be obtained from Windows Update.

In addition, Windows 7 SP1 and must be updated to support SHA-2 hashing algorithm signing and verification prior to Agent Installation. Microsoft originally provided this support with MS KB3033929/KB3125574, but from October 2016 these will be superseded by Monthly Servicing Roll-up packs from Microsoft.

Windows PST Delta Sync

In this release we have removed support for PST delta sync due to customer feedback. All PST synchronization is through the resumable upload mechanism, controlled by period (as set by the administrator).

New Features

Sync the entire user profile with In-Location Sync]

DataNow supports synchronization of users' files and folders directly from the original location on the endpoint. This means no need for complex redirections, no broken applications or searching, no need for user re-education or changes to their workflows and behaviors.

In this release we have extended support from folders inside the user's profile to synchronizing the entire profile, meaning that not only will Desktop, Documents, Pictures etc., all synchronize, but any custom folders or locations that the user creates.

In this release you can:

- Set %USERPROFILE% as an In-Location Sync path for the endpoint
- Use %ENVIRONMENT_VARS% for both server and local parts of the In-Location Sync configuration
- Set the server path to be the base of the map point (i.e. /,%USERPROFILE%)

Delete Auditing Improvements

Delete auditing is a system that has prevented data loss in the past by guaranteeing that a specific user event from the driver can be linked to a local delete before allowing the delete to be sent to the server. In this release we have extended this feature in the following areas:

- Improvements to the performance of the delete auditing feature
- Operating when offline to improve edge cases around server-side deletes

Support for environment variables in the sync exclusion language

DataNow provides administrators with an exclusion engine that controls what content will be synchronized from endpoints. In this release we support In-Location Sync settings that cover the entire user profile, and to support more control as a result, we have extended our sync exclusion capabilities in the following areas:

- BENEATH == style exclusions
 - %ENVIRONMENT_VARS% in BENEATH expressions
 - Unicode in exclusion/elective expressions and input paths
 - Windows auditing in case of invalid expressions
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Bugs Fixed

The following customer support issues have been resolved in this release:

Problem ID	Title
13534	DataNow causing start menu items to unpin in Windows 10
13572	Outlook stalled on opening with PST sync
13585	Service crash seen due to missing dirty blocks
13586	Corrupted PST files being synced to an endpoint causes Outlook crashes
13601	Outlook hang
13605	Prereq check for KB3033929 fails if only superseded update KB1325574 is present
13616	Office based client not reconnecting after previously working on dial in VPN

The following issues have been fixed in the release:

Problem ID	Title
212039	Killing the service (service crash) and then performing changes to a PST file can cause PST to become corrupt
213195	3rd Party applications hanging when DataNow onboarding user
213476	W32File error handling may result in a service crash
216148	ProcessDownloadBlock doesn't stop processes if file is already downloading
217391	PST Files Sometimes Fail to Download and downloads a Second Time
217572	Signature generation for delta files can slow the opening of Outlook
218500	Outlook PST corruption caused by renames
218829	PST false conflict generated by local rename
218836	PST rename during sync activity may produce service crash
218873	Overlay incorrectly changes to show file is in sync when PST is syncing
218940	Delta generation when syncing large changes to PSTs can take a very long time
218947	Ghost files disappear from listing when user requests sync
219418	Very small PST files can be corrupted by invalid deltas being generated

Problem ID	Title
219454	Opening Outlook before DataNow is Logged in can lead to PST file corruption
219546	Driver may run out of client ports
219659	PST files can become corrupt when changes are made to files > 4gb in size
219823	Making a small change to a new PST that has been downloaded from server results in large delta upload
219876	PST file corruption if Machine is Rebooted during Shadow Sync Upload
220004	Item Not Found when deleting dataset
220397	When replacing PSTs before the delta sync occurs, the delta API is used as opposed to resumable upload API
220953	When replacing PSTs before the shadow sync occurs, the overlay for the files changes to ghost files incorrectly
221938	Conflict resolution mechanism retries uploads when processing large PSTs
222271	Overlay issues when very large numbers of GPOs configured
223000	Outlook Fails to Open after new PST is Dropped into DataNow and Uploaded
223353	WER report for null pointer access in UpdateExclusionAndPriorityStatus
223367	Client doesn't re-authenticate correctly when its session token expires
223823	Memory leak in driver exclusions
224917	Network link state can incorrectly be set to offline
224952	Client thinks it is still online if you login to Windows with no network access

Known Issues and Limitations

The known issues and limitations are now detailed on support.appsense.com.

Supported Operating System and Technologies

The maintained Operating Systems and Technologies are now detailed in a [maintained platform matrix](#).

Required Utilities and Components

Component	Required Utilities and Components
Appliance	The Appliance must have a minimum of 4GB of RAM and 4 vCPUs and need to be scaled to demand appropriately. The appliance has virtual hard disks which require up to 50GB of storage. The disks are thin provisioned.

Further Help and Information

Information about installing, configuring and using DataNow can be found in the DataNow Help System, available from our [help portal](#).