

AppSense DataNow

Release Notes (Version 4.1)

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Components in this Release

Component	Version
Admin Console	4.1.0.2
Appliance Configuration Services	4.0.2.9
Appliance Plugins	4.0.2.16
Fission Clustering Services	2.0.0.112
Server	4.1.0.166
Web	4.1.0.2
Windows	4.1.171.0

Important Upgrade Information

Prerequisites

You must install the following Microsoft updates: KB2818355, KB2919442 and KB2999226. These can be obtained from Windows Update.

Upgrade path

DataNow 4.1 is deployed by patching any existing 4.0 DataNow Appliance. The upgrade path from DataNow 3.x is a configuration backup and restore to new DataNow 4.0 appliance and then patch to 4.1.

Windows XP Support

Customers can use DataNow with In-Location Sync to migrate all users profile data from an XP endpoint to a new device. DataNow 4.1 server supports a DataNow 4.0 Windows client. Windows XP does not support additional features such as shared map points, mapped drives, and interacting with ghost files.

New Features

New Server delta sync mechanism

- DataNow 4.1 provides a new delta sync feature, built to reduce the both network traffic and the time to calculate and upload file deltas.
- The AppSense SMB library supports block copies from the client endpoints.
- Every step of the sync request had been optimized from client endpoint to DataNow server and on from DataNow server to the backend storage.

Windows PST sync optimizations

- In DataNow 4.1 we have heavily optimized the syncing of PST files, leveraging the new delta sync feature in the DataNow server.
- PST files can now be synchronized from the endpoint based on amount changed or time period.
- PST synchronization in 4.1 sends only the local changes to the PST (that is, the delta), significantly reducing the network traffic and the time to complete the sync activity.

Windows client sync prioritization

- Earlier versions of the Windows client would synchronize content based on discovery; in DataNow 4.1 we have moved to sync content based on age - newest first.
- The new sync prioritization provides users a better experience when moving from old to new devices but syncing the important content first. This is ideal in migration or break fix IT workloads.
- Administrators can actively exclude files from the age priority list. This can be done by file type or size.

Bugs Fixed

The following customer bugs have been fixed in this release:

Problem	Description
11091	Windows client allows the creation of a folder containing a '.'
11241	Synchronization Problem
11349	DataNow going offline when switching between wireless networks
11491	Unable to modify DataNow windows client log output path
11508	Invalid DFS links cause DataNow to consume excessive SMB sessions on File server
12446	Ghost files don't appear without manual refresh in W10
13017	Mapped Drives do not appear after booting up in offline state
13151	Date modified timestamps reset on folders containing files when downloading from server to endpoint
13245	AppSense SMB library does not connect to NetApp ONTAP 8.3.2 using SMB 2.10 or SMB3.0
13256	Appliance diagnostic logs fail to download
13259	Generic ADMX error for DataNow 4.0
13267	Delay when downloading ghost files on demand during initial sync
13308	UAC prompt for credentials when copying files which contain existing DataNow ADS into DataNow
13311	Service crash due to issue with delete ADS metadata
13351	Deleted folder continues to reappear on Windows 10
13355	Patches fail to apply across the cluster
13378	Desktop In-Location Sync issues
13379	DataNow ILS filename on creation can cause duplication

The following issues have been fixed in the release:

TFS ID	Description
191255	If DBStatus process fails to start it does not recover, resulting in LB status API incorrectly reporting failed
193074	Can get multiple SMB sessions per user with new SMB library if connection strings for map points aren't exactly the same
193822	Network Listener Leak
193891	Client Moves Folder to Recycle Bin even if file within is Open on Back End & Locked
195129	PDF ghost files fail to download in a Mapped Drives location
195400	Windows Client ILS when map point over quota retries too aggressive and unable to un-sync/resync
195646	High DataNow_Service.exe CPU consumption when Crashplan interacts with DataNow cache
195735	Server no longer returns error when trying to access directory you do not have permissions to access, results in empty listings on Web Client
195997	File Deletion does not propagate to server
196822	Context menu option shown is a "sync file" not "unsync file" while download is in progress
201444	NTLM SSO does not work on Citrix XenDesktop and delays login to Windows
204937	Excluded files show syncing overlay
208292	Data loss moving files between two DFS map points in web client
208966	Database health check fails
208968	Race condition during initialization of product classes
209526	Path exclusions are not consistently as per the endpoint config
204176	DataNow folder turns into file
208629	Mapped Drive map point reappears in DataNow folder
208649	Unable to zip folder containing ghost files
208959	When applying the 4.1 patch, any deployments using LDAPS will need the SLDAP recreating before users can authenticate.
209526	Path based exclusions are not consistently applied as per the endpoint config
211759	Expired session tokens are no longer being removed from Fission

Known Issues and Limitations

The following issues are present in this release:

TFS ID	Description
201952	404 Not Found when attempting to connect to OneDrive using POC when using the vNext vanity URL
212586	Installation of loopback adapter causes loss of network connectivity when GPO configured which blocks connections to non-domain networks
213475	3 rd Party application manipulating content in a DataNow managed path may cause a service crash.
213476	W32File error handling may result in a service crash

Supported Operating Systems and Technologies

The supported Operating Systems and Technologies are detailed in the compatibility matrix available on the AppSense Support Portal: [link](#).

Required Utilities and Components

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

Further Help and Information

Information about installing, configuring and using AppSense DataNow can be found in the AppSense DataNow Help, available from the Insight Web console or by using this link:

www.appsense.com/help/dn/v4.1/