



DocAve® 6 Software Platform

Release Notes

Service Pack 3

DocAve For Microsoft® SharePoint®

Released July 16, 2013

New Features and Improvements

General

- Added [SQL Server Data Manager](#) module.
- Added support for SQL Server 2012 Business Intelligence Edition.
- In Storage Manager, Archiver, Granular Backup and Restore, and Platform Backup and Restore, added support for WORM (Write Once, Read Many) feature on Net Share and EMC physical devices.
- Added examples of key methods in DocAve 6 SDK documentation.
- Added additional right-click functionality to each module's tree.
- To allow additional storage groups for redundancy when using RBS, **Blob Data Storage Device** has been added to the logical device configuration interface in Control Panel.
- Storage Manager, Archiver, Granular Backup and Platform Backup now support Box, GoogleDrive, SkyDrive, and Dropbox as storage device types.
- Added support for enhanced Role Based Access Controls (RBAC) to grant granular permissions to group users in the Data Protection, Administrator, and Report Center modules.
- When moving SharePoint data to SharePoint 2010/2013 using Content Manager, Replicator, or Migrator, you can now move all alerts from the source to the destination.
- Added support to Content Manager, Replicator, Granular Backup & Restore, and SharePoint Migration to restart running workflow instances after a restore process completes.

Installation

- Added PowerShell support to change DocAve database information in unattended installation.
- Added support for SQL Azure databases.

Vault

- Added support for SharePoint 2013.

Control Panel

- Added the **Redundant backup data storage device** option and support to synchronize the data from a primary physical device to a secondary physical device.
- Added support in Account Manager for permission delegation among different Tenant Groups and permission control at the plan and profile levels. Tenant Groups are divided into **Web Application Tenant Groups** and **Site Collection Tenant Groups** for granular security trimming in individual teams.

- DocAve now supports O365 domains that use domain suffixes other than "sharepoint.com".

SQL Server Data Manager

- Added support to analyze SQL backup data and restore the SQL backup to a staging SQL instance using InstaMount.
- Added support for out of place restores at the item level and generating backup and restore job reports.

Report Center

- Added support for SQL Azure databases in Report Center.
- Added an **Undo** option in the **Permission Changes** report. This allows the user to undo audited occurrences of the **Break Permission Inheritance** and **Add Group Member** action without having to go outside of the Report Center module to modify the permissions.
- In Report Center, renamed the following reports globally: **Site Activity and Usage** to **Site Visitors and Activity**, **Site Usage** to **Site Activity Ranking**, **Difference Reports** to **Site Collection Comparison**, **Load Time for Site Collections** to **Site Collection Load Time**, and **Site Access** to **Site Actions**.
- Improved the format of configuration reports in XLSX form.
- In the **Report Center > Administration Reports > Best Practice Reports**, added support to define specific threshold settings for SharePoint object levels in a SharePoint 2013 farm.

Administration

Administrator

- Added Policy Enforcer to control user actions and settings in SharePoint. Users can create policies that include one or many out of the box rules for permissions or configuration settings, or custom rules (for example, all libraries should have versioning enabled and only keep 5 versions). If an action or setting violates a rule in a policy, a notification e-mail can be sent to specified users. Users can also generate reports on violation information (applies to SharePoint Foundation 2013 RTM and SharePoint 2010 SP1).
- Added support to change metadata within a SharePoint Online site both online and offline. For SharePoint 2010 Online Sites, added metadata support for **Single/Multiple Lines of Text**, **Number**, **Currency**, **Date/Time**, **Yes/No**, **Person/Group**, and **Choice** are supported. For SharePoint 2013 Online Sites, added metadata support for **Single/Multiple Lines of Text**, **Number**, **Currency**, **Date/Time**, **Yes/No**, **Managed Metadata**, **Person/Group**, and **Choice** are supported (applies to SharePoint 2013 RTM and SharePoint 2010 SP1).
- Added support to change metadata at the item level in both online and offline modes.
- If selecting **Only Search for explicit permissions** in the **Permission Settings** section when performing a **Security Search** at the site collection level or Web application level, users can now

filter the security search result at either the site collection level or Web application level (applies to SharePoint 2013 RTM and SharePoint 2010 SP1).

- Created Policy Enforcer SDK and added a link in DocAve SDK.
- **Grant Temporary Permissions** function supports granting users or groups temporary permissions on a selected node.

Content Manager

- Added support to copy or move a SharePoint 2010/2013 Online workflow definition.
- Added support to map the source list name and the source content type name to the destination at the same time using language mapping (applies to SharePoint 2010 SP1).
- In Job Monitor, added the **Report Collector** button to the ribbon, which is used to merge two or more Content Manager job reports.
- Added support for SQL Server 2012 Business Intelligence Edition in Content Manager.
- In the Plan Manager interface, added **View Details**, **Edit**, and **Delete** to the right-click drop-down menu.
- When building a Content Manager plan, users can now configure the schedule to run on a recurring basis by configuring the start time, the interval for a plan to be executed, and the method to end a schedule.

Deployment Manager

- Added **OK and Test Run** button in the **Save as a Plan** tab in Deployment Manager.
- In the **Comparison** tab of Deployment Manager Compare interface, additional details are available when comparing the Files/Items level, Site Settings level, and List Settings level.
- Added the **Options** settings (support to run a full deployment job or an incremental job) in the **Add to Queue** window for a Managed Metadata Service level deployment.

Replicator

- When replicating Web parts, the dependency is now also replicated to the destination. Web parts and the dependent libraries or lists will maintain their relationship after the replication job.
- Real-Time replication supports the replication of source content changes that are caused by workflow actions, site collection actions, site actions, version actions, user in group/group actions, or permission/permission level actions in SharePoint.
- The **SP2010ReplicatorAnalyzer** tool supports performing a health check on your SharePoint environment to ensure the success of a replication job.
- Added multi-thread support for site collection-level replication jobs.
- Online Replicator supports the use of HTTP mode for data transmission to avoid opening extra ports in your firewall

- Byte-Level differencing currently present for online replication has been added to Offline Migration.

Data Protection

High Availability

- Added High Availability module support for SharePoint 2010.

Platform Backup and Restore

- Added support to back up and restore Project Server for SharePoint 2010.
- Enhanced the efficiency of generating an index for Platform Backup jobs.
- The Agent account used to restore VSS backup data for InstaMount no longer requires sysadmin and local administrator permission.
- Added **Test Run** to the Plan Manager ribbon to simulate a Platform Backup job, which checks permissions and prerequisites before executing the Platform backup jobs.
- Added support for Out of Place Restores on App Management Service, Project Server Service Application, Access Services, Search Service Application, and PowerPoint Conversion Service Application.
- Added Farm Rebuild function support for SharePoint 2013.
- Added support to run incremental backup jobs on Storage Manager BLOB data and Connector BLOB data. Also, added support to use FSRVP to take a snapshot when the file server and the application server are on Windows 8 or Windows Server 2012 Operating Systems.

Granular Backup and Restore

- Added support to back up and restore the SharePoint 2013 app catalogue or individual apps.
- Added support to back up and restore SharePoint Online 2013 built-in workflow definition and SharePoint Designer 2010 workflow definition.
- Added support to back up SharePoint built-in workflows and Nintex workflow schedules (applies to SharePoint 2010).
- Added support to restore a single user's permission to the destination.
- Added support to restart running workflows that are restored to the destination.
- Added support for the **End-User Restore** feature, which allows end-users to restore backed-up SharePoint content at the library, list, folder, document, item, and attachment levels.
- Added support to pause and resume backup jobs.

Storage Optimization

Connector

- Added **Search for File System** property in Property mapping so that it is convenient for users to search certain properties among a great deal of properties (applies to SharePoint 2010 SP1).
- Added support to configure the Connector path using PowerShell.
- Added support to load more file properties in the Media Library when creating a new property mapping.
- Added a dashboard to identify where connected content exists and how this compares with the storage quotas.

Archiver

- Archiver supports exporting content to Autonomy or Concordance format before archiving.
- The **Last Accessed Time** rule in Archiver can now be used on the site collection, site, list/document, item, and attachment level.
- End-User Archiver permissions can now be granted to specified users or groups to archive data as well as download, search, and restore archived data.

Storage Manager

- Added a **Last Access Time** column to the exported storage report.
- Added support to upgrade DocAve 5 stubs in the Recycle Bin to DocAve 6 stubs.
- When cleaning up orphan BLOBs in Storage Manager, users can now view the processing pools used by the specified nodes.
- When creating rules for Scheduled Storage Manager, the new **Include Data from Connector** option allows users to set priority for content contained in connected file-share libraries. This will dictate whether data is maintained in the original storage location or moved to the target Storage Manager location.
- When creating a new rule in Scheduled Storage Manager, the **Last Accessed Time** rule is now available at the Document level, Document Version level, and Attachment level in the **Criteria** field.
- When attaching content databases with stubs and stub databases from one farm to another, a PowerShell tool can be used to map the devices. This copies BLOBs from the original devices to the destination devices and updates the stub information in the destination stub databases, thereby making the stubs available in the new farm.
- The new **Storage Report** function in Real-Time/Scheduled Storage Manager records detailed information about SQL data, extended BLOBs, orphan stubs, and orphan BLOBs according to the selected nodes in the saved Storage Report profile, and then displays this information in DocAve.

Migration

- For non-SharePoint migrations, incremental jobs support remigrating only failed objects when creating a plan.

EMC Documentum Migrator

- Added support for migrating EMC Documentum contents to SharePoint 2013.
- Added support to perform a test run that generates estimated migration results.
- Added support to use the eRoom Migration scan tool to scan the source contents for errors prior to migration.

Exchange Public Folder Migration

- Added support to migrate data from Exchange Server 2013 to SharePoint.

File System Migration

- Added support to obtain 10 special properties of PDF type documents including: PDF Mod Date Excel, PDF Creation Data Excel, PDF Title, PDF Author, PDF Subject, PDF Keywords, PDF Creator, PDF Producer, PDF Flags, PDF Version.
- Added support to use the File System Migration Scan tool to export reports.
- File System Migration now migrates content directly to SharePoint Online sites.

Lotus Notes Migration

- Incremental migration not only migrates the modified content since the last migration job, but now also migrates the content that failed to migrate in the last migration job (applies to SharePoint 2013 RTM and SharePoint 2010 SP1).
- Added **Scan Analysis** to the Migrator Tool for Lotus Notes Migration.
- DocAve Migration Tool is added to the DocAve 6 SP3 installation package.

Quickr Migration

- Added support to migrate Quickr to SharePoint 2013.
- In Quickr Migration, incremental migration not only migrates the modified content since the last migration job, but now also migrates the content that failed to migrate in the last migration job.

SharePoint Migration

- Added support for mapping built-in content types to custom content types
- Added support to migrate SharePoint 2007 and SharePoint 2010 to SharePoint Online.
- The **Suggestion** column has been added to the **Job Details** tab in Job Monitor for test run migration jobs. The column values are suggestions on how to resolve the issues that may occur when running these migration jobs.
- Added support for SharePoint 2013 offline migration jobs.

Known Issues

Report Center

- For Best Practice Reports at the farm level, the Rating count is not included (applies to SharePoint 2013).

Storage Optimization

Connector

- Folders in DocAve Content libraries converted from SharePoint document libraries are not properly synchronizing changes made to the SharePoint folder (applies to SharePoint 2013).
- If a file is deleted after it is moved from one Connector library to another and a full synchronization job runs, the file is not deleted in its Net Share storage location.
- Connector libraries cannot be created for SharePoint 2013 site collections that are using SharePoint 2010 experience version templates.
- If files or folders in a SharePoint Connector library are renamed while the Agent service is down, the changes will not sync back to the configured path.
- When upgrading SharePoint 2010 to SharePoint 2013, the Asset Library which is converted to the Connector library cannot currently be upgraded. The data in the Asset Library cannot be used after the upgrade.
- Information Rights Management is currently not supported for version files of connected data due to SharePoint limitations.

Administration

Content Manager

- The value of the **Completed** column in the survey list changes from the source **No** to the destination **Yes** after performing a Content Manger job from a SharePoint On-Premise site collection to a SharePoint Online site collection (applies to SharePoint 2010).
- After running a Content Manager job to copy SharePoint objects from the source document library in the SharePoint On-Premise farm to a manually inputted library in the SharePoint Online farm, the configured **Change to Managed Metadata** setting (Allow multiple term values) in the column mapping does not work. The values of the source columns are lost in the destination (applies to SharePoint 2013).
- After running a Content Manager job to copy the SharePoint objects from a Community site (including Discussion list) to a Team site (including Discussion list), the source discussion cannot be opened in the destination; the **Delete** action in the List Settings disappears in the destination;

and the **Site Community** feature cannot be activated in the destination (applies to SharePoint 2013).

- When copying SharePoint objects from a site collection whose experience version is 2010 and that has activated the Document Set feature to a site collection whose experience version is 2013, the source document settings are not copied to the destination site collection whose experience version is 2013 (applies to SharePoint Online 2013 farms).

Deployment Manager

- When content types in both the source and the destination have matching names but mismatched types, the content type will not be overwritten to the destination. A new content type will be added with a number appended to the original name (applies to SharePoint 2010).

Installation

- If you are unable to connect to the Control Service after installing Windows update KB2756920, install the hotfix KB2637518 to resolve this issue. The download links can be found at the [Microsoft® Support Knowledge Base](#).

Replicator

- Content Query Web part contents do not always display correctly in the destination because the Content Query Web part's associated content does not exist in the data destination and is therefore not included in the replication job. As a solution, ensure that the Content Query Web part's associated content is included in the source scope or that it exists in the data destination (applies to SharePoint 2010).
- To avoid issues replicating related terms on the item level in SharePoint 2010 environments, make sure Managed Metadata Service is associated with the Web Application in both the source and destination.
- New file versions created by the Hold and eDiscovery feature of SharePoint 2013 cannot be replicated by Real-Time replication because the new file keeps the Modified Time of the previous version. The file will be replicated when a scheduled replication job runs.
- The maximum length of usernames of Site Collection Administrator, Site Owner, and Farm Administrator groups cannot exceed 1024 (applies to SharePoint 2013).

Data Protection

High Availability

- High Availability supports SharePoint 2010 only.
- High Availability sync or failover jobs may fail when multiple groups are selected from the dashboard.

Platform Backup and Restore

- If multiple Search Service Applications exist in a SharePoint 2013 farm, and their index components are not stored in the same SharePoint server, index components cannot be backed up during a search service application backup.
- If performing an out-of-place restore of a backed-up TDE-encrypted database and the Master Key of the source is not created in the destination beforehand, DocAve fails the out of place restore job. As a workaround, on the destination SQL Server, use the following SQL statement to create the same master key as the source one:

```
"USE master;  
GO  
CREATE MASTER KEY ENCRYPTION BY PASSWORD = '<YourPasswordHere>';  
Go"
```

Then perform the out of place restore job to restore the TDE-encrypted database.

Out of place restore from TDE-encrypted database backups cannot be restored to destinations without a Master key. To create a Master Key in the destination SQL Server, use the following SQL statement:

```
"USE master;  
GO  
CREATE MASTER KEY ENCRYPTION BY PASSWORD = '<YourPasswordHere>';  
Go"
```

Modify the value of the element `<ForceUseCache>false</ForceUseCache>` to **true** before performing the backup job in order to successfully generate the index.

Granular Backup and Restore

- When using domain mapping, the domain mapping will not take effect if the suffix of the domain name is added. For example, domainname.com (applies to SharePoint 2013).
- Restoring site collections where a subsite has broken permissions inheritance results in the restored subsite inheriting permissions and the site collection permission levels absorbs any unique permission level created in the subsite prior to the backup job. (Applies to SharePoint 2013)
- The usernames of the Site Collection Administrators, Site Owners and Farm Administrators groups are stored in the specified fields in the corresponding databases. The maximum length of each specified field cannot exceed 1024. (Applies to SharePoint 2013)

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