AvePoint DocAve 6 User Guide

DocAve® 6 SharePoint Migrator

User Guide

Service Pack 8

Issued March 2017

The Enterprise-Class **Management Platform** for **SharePoint** Governance

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What's New in this Guide

- Updated the Required Permissions section.
- Updated the Creating and Editing Azure Locations section.

About SharePoint Migration

Demand for migration to Microsoft SharePoint 2010, 2013, 2016, and SharePoint Online continues to grow as the platform rapidly becomes the standard for organizations seeking a centralized knowledge repository and collaborative workspace. Minimize the time and effort required to transfer enterprise-wide content to SharePoint by utilizing DocAve's seamless, fully mapped transfer of content from SharePoint 2007, Share Point 2010, or SharePoint 2013 to SharePoint 2010, SharePoint 2013, SharePoint 2016, or SharePoint Online.

SharePoint migration projects are usually defined by business disruption and end-user confusion. With DocAve, this is no longer the case.

- Enable SharePoint administrators to easily automate the process of consolidating multiple content sources into SharePoint
- Maximize return on investment for content residing in legacy repositories
- Granularly migrate content down to individual SharePoint items in real-time, or through dynamic scheduling
- Retain all associated metadata and permissions throughout the migration process

Organizations can further minimize business disruption and time-to-value by leveraging AvePoint Partner Services (APPS) to perform detailed data analysis, content and application migrations, and post-migration verifications.

As with all AvePoint software, our SharePoint Migration tools leverage only fully supported Microsoft methodologies and APIs.

Complementary Products

Many products and product suites on the DocAve 6 platform work in conjunction with one another. The following products are recommended for use with DocAve SharePoint Migration:

- DocAve Content Manager for SharePoint for restructuring or moving SharePoint content.
- DocAve Report Center for SharePoint to examine pain points in the SharePoint infrastructure and report on SharePoint user behavior and changes.
- DocAve Data Protection for setting backup and recovery points prior to adjusting SharePoint governance policies in this product.
- DocAve Replicator to perform live or event-driven, as well as scheduled or offline replication. Synchronization and management of all content, configurations, and securities is performed with full fidelity.

Submitting Documentation Feedback to AvePoint

AvePoint encourages customers to provide feedback regarding our product documentation. You can Submit Your Feedback on our website.

Before You Begin

Refer to the sections for system and farm requirements that must be in place prior to installing and using DocAve SharePoint Migration.

AvePoint's Testing Policy and Environment Support

Supported Software Environments

AvePoint is committed to testing against all major versions and service packs of SharePoint as well as the latest versions of Windows Server and SQL Server, as Microsoft announces support and compatibility.

***Note:** AvePoint does not recommend or support installing DocAve on client operating systems.

Supported Hardware

AvePoint is committed to maintaining a hardware agnostic platform to ensure that DocAve operates on common Windows file sharing and virtualization platforms. To ensure that DocAve is hardware agnostic, AvePoint tests hardware that is intended to support SharePoint and DocAve infrastructure, storage targets, and hardware-based backup and recovery solutions, as supported by AvePoint's partnerships. AvePoint directly integrates with the following platforms: any Net Share, FTP, Amazon S3, AT&T Synaptic, Box, Caringo Storage, Cleversafe, DELL DX Storage, Dropbox, EMC Atmos, EMC Centera, Google Drive, HDS Hitachi Content Platform, IBM Spectrum Scale Object, IBM Storwize Family, Microsoft Azure Storage, NetApp Data ONTAP, NFS, OneDrive, Rackspace Cloud Files, and TSM.

All other hardware platforms that support UNC addressable storage devices are supported.

***Note**: AvePoint has ended the test and development for Caringo Storage and DELL DX Storage in DocAve since DocAve 6 SP7 CU1, as the providers of these two platforms have stopped the platform maintenance.

***Note:** Due to changes in the IBM Tivoli Storage Manager API, DocAve 6 Service Pack 6 and later versions require that TSM Client version 7.1.2 is installed on the Control Service and Media Service servers.

***Note:** Most of the hardware partnerships referenced in this guide are intended to make use of advanced functionality (such as snapshot mirroring, BLOB snapshots, indexing, long-term storage, WORM storage, etc.), and are not indications that any changes to the product are required for basic support. In most cases, hardware can be supported with no change to the product.

Supported Backup and Recovery

DocAve supports BLOB backup storage according to the list of hardware platforms above. BLOB snapshot function, however, is currently only supported on OEM versions and NetApp hardware.

DocAve supports SQL content and Application database backups via the SharePoint Volume Shadow Copy Service (VSS) on all Windows and SQL server platforms listed above. DocAve also supports

snapshot-based SharePoint VSS on all hardware listed above where the hardware partner has certified support with Microsoft.

DocAve supports application and configuration server backups for all the supported software environments listed above. DocAve 6 SP5 or later supports VM backup via Hyper-V/VMWare for the following operating systems: Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Microsoft Hyper–V Server 2012 R2.

Configurations

In order to use DocAve SharePoint Migration, the DocAve 6 platform must be installed and configured properly on your farm. DocAve SharePoint Migration will not function without DocAve 6 present on the farm.

To review a list of migration source versions and systems supported by DocAve Migrator, refer to Appendix C – Migration Source Environment in the DocAve 6 Installation Guide.

Agents

DocAve Agents are responsible for running DocAve jobs and interacting with the SharePoint object model. DocAve Agents enable DocAve Manager to communicate with the respective servers, allowing for DocAve Migrator commands to function properly.

***Note:** The use of system resources on a server increases when the installed agent is performing actions. This may affect server performance. However, if the agent installed on a server is not being used, the use of system resources is very low and, therefore, the effect on server performance is negligible.

For instructions on installing the DocAve Platform, DocAve Manager, and DocAve Agents, see the DocAve 6 Installation Guide.

Required Permissions

To use and install SharePoint Migration properly, ensure that the Agent accounts in your source and destination SharePoint environments have the following permissions.

SharePoint 2007 to 2010 Migration

To install and use SharePoint 2007 to 2010 Migration properly, ensure that the Agent accounts in your **SharePoint 2007** and **2010** environments have the following permissions:

1. Local System permissions: These permissions are automatically configured by DocAve during installation. Refer to Local System Permissions for a list of the permissions automatically configured upon installation. If there are no strict limitations within your organization on the permissions that can be applied, you can simply add the **DocAve Agent Account** to the local **Administrators** group to apply all of the required permissions.

2. SharePoint permissions: These permissions must be manually configured prior to using SharePoint 2007 to 2010 Migration; they are not automatically configured.
    - SharePoint 2007 permissions:
        - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
        - Policy for Web Application: Full Read
        - Personalization Services Permission: All of the granular permissions of the default Shared Service Provider
    - SharePoint 2010 permissions:
        - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
        - Policy for Web Application: Full Control
        - User Profile Service Application Permissions:
            - Use Personal Features
            - Create Personal Site
            - Use Social Features
            - Full Control
        - Managed Metadata Service: Term Store Administrator
3. SQL permissions: These permissions must be manually configured prior to using SharePoint 2007 to 2010 Migration; they are not automatically configured.
    - SharePoint 2007 permissions:
        - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database
    - SharePoint 2010 Permissions:
        - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database

    ***Note**: If a Web application in the destination node is using forms based authentication and uses a database as the method of forms based authentication, refer to the Forms Based Authentication Permissions section to configure additional settings for this Web application.

SharePoint 2007 to 2013 Migration

To install and use SharePoint 2007 to 2013 properly, ensure that the Agent accounts in your **SharePoint 2007**and **2013** environments have the following permissions.

1. Local System permissions: These permissions are automatically configured by DocAve during installation. Refer to Local System Permissions for a list of the permissions automatically configured upon installation. If there are no strict limitations within your organization on the permissions that can be applied, you can simply add the **DocAve Agent Account** to the local **Administrators** group to apply all of the required permissions.
2. SharePoint permissions: These permissions must be manually configured prior to using SharePoint 2007 to 2013 Migration; they are not automatically configured.
    - SharePoint 2007 permissions:
        - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
        - Policy for Web Application: Full Read
        - Personalization Services permission: All of the granular permissions of the default Shared Service Provider
    - SharePoint 2013 permissions:
        - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
        - Policy for Web Application: Full Control
        - User Profile Service Application permissions:
            - Create Personal Site (required for personal storage, newsfeed, and followed content)
            - Follow People and Edit Profile
            - Use Tags and Notes
            - Full Control
        - Managed Metadata Service: Term Store Administrator
3. SQL Permissions: These permissions must be manually configured prior to using SharePoint 2007 to 2013 Migration; they are not automatically configured.
    - SharePoint 2007 permissions:
        - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database
    - SharePoint 2013 permissions:

- Database Role of **db_owner** for Nintex Workflow Database
- Database Role of **SharePoint_Shell_Access** for Content Databases, Configuration Database, and Central Admin Database

  However, with this role, SharePoint Migration has some limitations on migrated objects. For more information, see the following AvePoint Knowledge Base article: http://www.avepoint.com/community/kb/limitations-for-docave-6-products-if-docave-agent-account-has-the-sharepoint_shell_access-role. AvePoint recommends that you assign the **db_owner** role to DocAve Agent account.

  ***Note**: The **SharePoint_Shell_Access** role can only be assigned via SharePoint 2013 Management Shell. For instructions on how to assign this role to a user, refer to the following Microsoft technical article: https://technet.microsoft.com/en-us/library/ff607596.aspx.

***Note**: If a Web application in the destination node is using forms based authentication and uses a database as the method of forms based authentication, refer to the Forms Based Authentication Permissions section to configure additional settings for this Web application.

SharePoint 2007 to 2016 Migration

To install and use SharePoint 2007 to 2016 Migration properly, ensure that the Agent accounts in your **SharePoint 2007 and 2016** environments have the following permissions:

1. Local System permissions: These permissions are automatically configured by DocAve during installation. Refer to Local System Permissions for a list of the permissions automatically configured upon installation. If there are no strict limitations within your organization on the permissions that can be applied, you can simply add the **DocAve Agent Account** to the local **Administrators** group to apply all of the required permissions.
2. SharePoint permissions: These permissions must be manually configured prior to using SharePoint 2007 to 2016 Migration; they are not automatically configured.
   - SharePoint 2007 permissions:
     - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
     - Policy for Web Application: Full Read
     - Personalization Services Permission: All of the granular permissions of the default Shared Service Provider
   - SharePoint 2016 permissions:

- User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
- Policy for Web Application: Full Control
- User Profile Service Application Permissions:
  - Create Personal Site (required for personal storage, newsfeed, and followed content)
  - Follow People and Edit Profile
  - Use Tags and Notes
  - Full Control
- Managed Metadata Service: Term Store Administrator

3. SQL permissions: These permissions must be manually configured prior to using SharePoint 2007 to 2016 Migration; they are not automatically configured.
   - SharePoint 2007 permissions:
     - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database
   - SharePoint 2016 Permissions:
     - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database

SharePoint 2010 to 2013 Migration

To install and use SharePoint 2010 to 2013 properly, ensure that the Agent account of the **SharePoint 2010** and **2013** environments have the following permissions.

1. Local System permissions: These permissions are automatically configured by DocAve during installation. Refer to Local System Permissions for a list of the permissions automatically configured upon installation. If there are no strict limitations within your organization on the permissions that can be applied, you can simply add the **DocAve Agent Account** to the local **Administrators** group to apply all of the required permissions.
2. SharePoint permissions: These permissions must be manually configured prior to using SharePoint 2010 to 2013 Migration; they are not automatically configured.
   - SharePoint 2010 permissions:
     - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
     - Policy for Web Application: Full Read

- User Profile Service Application permissions:
  - Use Personal Features
  - Use Social Features
- Managed Metadata Service: Term Store Administrator
- Business Data Connectivity Service: Full Control
- Search Service: Full Control

- SharePoint 2013 permissions:
  - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
  - Policy for Web Application: Full Control
  - User Profile Service Application permissions:
    - Create Personal Site (required for personal storage, newsfeed, and followed content)
    - Follow People and Edit Profile
    - Use Tags and Notes
    - Full Control
  - Managed Metadata Service: Term Store Administrator
  - Business Data Connectivity Service: Full Control
  - Search Service: Full Control

3. SQL permissions: These permissions must be manually configured prior to using SharePoint 2010 to 2013 Migration; they are not automatically configured.

   - SharePoint 2010 permissions:
     - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database
   - SharePoint 2013 permissions:
     - Database Role of **db_owner** for Nintex Workflow Database
     - Database Role of **SharePoint_Shell_Access** for Content Databases, Configuration Database, and Central Admin Database

       However, with this role, SharePoint Migration has some limitations on migrated objects. For more information, see the following AvePoint Knowledge Base article: http://www.avepoint.com/community/kb/limitations-for-docave-6-products-if-docave-agent-account-has-the-sharepoint_shell_access-role.

AvePoint recommends that you assign the **db_owner** role to DocAve Agent account.

***Note**: The **SharePoint_Shell_Access** role can only be assigned via SharePoint 2013 Management Shell. For instructions on how to assign this role to a user, refer to the following Microsoft technical article: https://technet.microsoft.com/en-us/library/ff607596.aspx.

***Note**: If a Web application in the destination node is using forms based authentication and uses a database as the method of forms based authentication, refer to the Forms Based Authentication Permissions section to configure additional settings for this Web application.

SharePoint 2010 to 2016 Migration

To install and use SharePoint 2010 to 2016 properly, ensure that the Agent account of the **SharePoint 2010** and **2016** environments have the following permissions.

1. Local System permissions: These permissions are automatically configured by DocAve during installation. Refer to Local System Permissions for a list of the permissions automatically configured upon installation. If there are no strict limitations within your organization on the permissions that can be applied, you can simply add the **DocAve Agent Account** to the local **Administrators** group to apply all of the required permissions.
2. SharePoint permissions: These permissions must be manually configured prior to using SharePoint 2010 to 2016 Migration; they are not automatically configured.
    - SharePoint 2010 permissions:
        - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
        - Policy for Web Application: Full Read
        - User Profile Service Application permissions:
            - Use Personal Features
            - Use Social Features
        - Managed Metadata Service: Term Store Administrator
        - Business Data Connectivity Service: Full Control
        - Search Service: Full Control
    - SharePoint 2016 permissions:
        - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.

- Policy for Web Application: Full Control
- User Profile Service Application permissions:
  - Create Personal Site (required for personal storage, newsfeed, and followed content)
  - Follow People and Edit Profile
  - Use Tags and Notes
  - Full Control
- Managed Metadata Service: Term Store Administrator
- Business Data Connectivity Service: Full Control
- Search Service: Full Control

3. SQL permissions: These permissions must be manually configured prior to using SharePoint 2010 to 2016 Migration; they are not automatically configured.
   - SharePoint 2010 permissions:
     - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database
   - SharePoint 2016 permissions:
     - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, and Nintex Workflow Database.

SharePoint 2013 to 2016 Migration

To install and use SharePoint 2013 to 2016 properly, ensure that the Agent account of the **SharePoint 2013** and **2016** environments have the following permissions.

1. Local System permissions: These permissions are automatically configured by DocAve during installation. Refer to Local System Permissions for a list of the permissions automatically configured upon installation. If there are no strict limitations within your organization on the permissions that can be applied, you can simply add the **DocAve Agent Account** to the local **Administrators** group to apply all of the required permissions.

   ***Note**: Make sure the Agent account of the destination is not the System Account of SharePoint 2016 if SharePoint apps will be migrated by a SharePoint 2013 to 2016 Migration job.

2. SharePoint permissions: These permissions must be manually configured prior to using SharePoint 2013 to 2016 Migration; they are not automatically configured.
   - SharePoint 2013 permissions:

- User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
- Policy for Web Application: Full Read

  ***Note**: Full Control permission is required if SharePoint apps will be migrated by a SharePoint 2013 to 2016 Migration job.
- User Profile Service Application permissions:
  - Follow People and Edit Profile
  - Use Tags and Notes
- Full Control Managed Metadata Service: Term Store Administrator
- Business Data Connectivity Service: Full Control
- Search Service: Full Control

- SharePoint 2016 permissions:
  - User is a member of the Farm **Administrators** group. Since Administrator works across farms and on all SharePoint settings and configurations, this account is needed in order to provide the best and most complete quality of service.
  - Policy for Web Application: Full Control
  - User Profile Service Application permissions:
    - Create Personal Site (required for personal storage, newsfeed, and followed content)
    - Follow People and Edit Profile
    - Use Tags and Notes
    - Full Control
  - Managed Metadata Service: Term Store Administrator
  - Business Data Connectivity Service: Full Control
  - Search Service: Full Control
  - Read permission to the **Apps for SharePoint** library in the Catalog Site.

3. SQL permissions: These permissions must be manually configured prior to using SharePoint 2013 to 2016 Migration; they are not automatically configured.
   - SharePoint 2013 permissions:
     - Database Role of **db_owner** for Nintex Workflow Database, AppService Database, and SettingsService Database
     - Database Role of **SharePoint_Shell_Access** for Content Databases, Configuration Database, and Central Admin Database

However, with this role, SharePoint Migration has some limitations on migrated objects. For more information, see the following AvePoint Knowledge Base article: http://www.avepoint.com/community/kb/limitations-for-docave-6-products-if-docave-agent-account-has-the-sharepoint_shell_access-role. AvePoint recommends that you assign the **db_owner** role to DocAve Agent account.

***Note**: The **SharePoint_Shell_Access** role can only be assigned via SharePoint 2013 Management Shell. For instructions on how to assign this role to a user, refer to the following Microsoft technical article: https://technet.microsoft.com/en-us/library/ff607596.aspx.

- SharePoint 2016 permissions:
    - Database Role of **db_owner** for all the databases related with SharePoint, including Content Databases, Configuration Database, Central Admin Database, Nintex Workflow Database, AppService Database, and SettingsService Database

SharePoint Online Permissions

To install and use SharePoint 2007/2010/2013 to SharePoint Online Migration properly, ensure that the Agent account and site collection users (specified when registering site collections) have the following permission.

1. Agent account permissions:

   Local System permissions: These permissions are automatically configured by DocAve during installation. Refer to Local System Permissions for a list of the permissions automatically configured upon installation. If there are no strict limitations within your organization on the permissions that can be applied, you can simply add the **DocAve Agent Account** to the local **Administrators** group to apply all of the required permissions.

   ***Note**: If the registered site collections are SharePoint Online site collections, the Agent account is on the Agent machine that will run the SharePoint 2007/2010/2013 to SharePoint Online Migration job. This machine must have network connection or have configured Agent Proxy Settings. For detailed information on Agent Proxy Settings, see the **Agent Proxy Settings** section in the DocAve 6 Control Panel Reference Guide.

   If the registered site collections are on-premises site collections, the Agent account is on the Agent machine that will run the SharePoint 2007/2010/2013 to SharePoint Online Migration job. This machine must be the Central Administration server or one of the Web front-end servers of the farm where the registered site collections reside, or the machine that can communicate with the Central Administration server or one of the Web front-end servers.

2. Site Collection User permissions:

    - User is a member of the **Site Collection Administrators** group.

- User Profile Service Application permissions:
    - Follow People and Edit Profile
    - Use Tags and Notes
    - Full Control (only when the registered site collections are on-premises site collections)
- Managed Metadata Service: Term Store Administrator
- Read permission to the **Apps for SharePoint** library in the Catalog Site.

***Note**: To register site collections using the **Scan Mode**, make sure the specified account has the required permission level.

- When the registered site collections are on-premises site collections, the SharePoint account must have the following permissions:
    - Policy for Web Application: Full Control
    - Database Role of **db_owner** for the Content Databases, SharePoint Configuration Database, and Central Admin Database
- When the registered site collections are SharePoint Online site collections, make sure the Office 365 account has the **Global Administrator/SharePoint Administrator** role.

  ***Note**: To scan OneDrive for Business, make sure the Agent account has the **Local Administrator** permission to the server where the Agent resides.

***Note**: If you want to properly migrate user profile properties to SharePoint Online, the user profile property settings in the destination must be configured in prior running the migration job. (In the Office 365 SharePoint admin center, navigate to **user profiles** > **Manage User Properties**. Select the property you want to migrate, and then select **Edit** from the drop-down menu. Select the **Allow users to edit values for this property** option in the **Edit Settings** field, and then click **OK** to save settings.)

***Note:** If you want to properly migrate Web parts in a SharePoint 2007/2010/2013 to SharePoint Online Migration job, make sure the user who registers the destination site collection where the migrated Web parts reside has the **Add and Customize Pages** permission to the site collection.

Local System Permissions

The following Local System Permissions are automatically configured during DocAve 6 installation:

- User is a member of the following local groups:
    - **IIS WPG** (for IIS 6.0) or **IIS IUSRS** (for IIS 7.0)
    - Performance Monitor Users

- **DocAve Users** (the group is created by DocAve automatically; it has the following permissions):
  - Full control to the Registry of HKEY_LOCAL_MACHINE\SOFTWARE\AvePoint\DocAve6
  - Full control to the Registry of HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\eventlog
  - Full Control to the Communication Certificate
  - Permission of **Log on as a batch job** (it can be found within **Control Panel** > **Administrative Tools** > **Local Security Policy** > **Security Settings** > **Local Policies** > **User Rights Assignment**)
  - Full Control Permission for DocAve Agent installation directory

Forms Based Authentication Permissions

If a Web application in the destination node is using forms based authentication and uses a database as the method of forms based authentication, ensure at least one of the following conditions is met:

- The Agent account has a Database Role of **db_owner** to this database.
- Specify a user in the **connectionString** node in this Web application's **web.config** profile that has the access to this database. For details, refer to the instructions below.
  i. Navigate to **Start** > **Administrative Tools** > **Server Manager** > **Roles** > **Web Server (IIS)** > **Internet Information Services (IIS) Manager**, find the desired Web application in the **Sites** list.
  ii. Right-click the desired Web application and select **Explore**.
  iii. Find the **web.config** file in the pop-up window.
  iv. Open the **web.config** file with Notepad.
  v. Find the **connectionString** node and specify a user that has access to the database that stores FBA security information.

Migration Database

To use migration databases in SharePoint Migration properly, ensure that the following accounts have the following permissions:

- If you select to use **Windows Authentication**:
  - Source and Destination Agent Accounts: Database Role of **db_owner** for the migration database
  - Destination Agent Account: Server Role of **dbcreator** for the SQL Server where you want to create the migration database.

- If you select to use **Windows Authentication** and select the **Specify a Windows account** checkbox, one of the following conditions must be met:
    - The specified Windows Account:
        - Database Role of **db_owner** for the migration database.
        - Server Role of **dbcreator** for the SQL Server where you want to create the migration database.
- If you select to use **SQL Authentication**:
    - SQL Server login user: Server Role of **dbcreator** for the SQL Server where the migration database resides.

Migration Speed Considerations

Speed is a very important factor when migrating content. To set expectations with stakeholders for how long your migration plans will take, the following key factors should be taken into consideration prior to running your migration plans.

- Network bandwidth between the two SharePoint environments
- SQL I/O and memory
- Memory on Web front-end servers
- Memory on the server hosting the DocAve Media service
- Number of CPUs on Web front-end servers
- Source environment deployment
    - Number of objects in source
        - Divide database and folder structures into small data sets before running the migration. Consider a granular migration approach.
    - Size of objects in source
        - A single 1 GB file will migrate far quicker than a million files that have a sum of 1 GB.
    - Complexity of folders, and sites
        - Prioritize content to be migrated into SharePoint, and utilize tools to establish co-existence throughout the course of the migration project to slowly roll-out SharePoint to users as their content becomes available.
    - Whether DocAve has to create site collections during migration
        - Use folders to break up large document libraries or data subsets to manage library size, consider utilizing filtering to migrate a sub-set of the data at a time.
    - Whether securities are included in the plan (including mappings)

        - Permissions can be configured to be migrated in the migration plans.
    - Whether metadata is included in the plan

Health Analyzer

AvePoint recommends using Health Analyzer to check the prerequisites for properly using DocAve SharePoint Migration.

***Note:** Health Analyzer is only available for users in the DocAve **Administrators** group.

For more information about Health Analyzer, refer to DocAve 6 Installation Guide.

Getting Started

Refer to the sections below for important information on getting started with SharePoint Migration.

Group and Permission Considerations

Users of the **Administrators** group, **System Group**, and **Web Application Tenant Group** can run both SharePoint Online Migration and SharePoint Offline Migration jobs if the following conditions are met:

- The group permissions contain the SharePoint Migration module.
- The **System Group** users have enough permission to the selected nodes in the migration jobs.
- For **Web Application Tenant Group** users, the selected nodes in the migration jobs are included in the group scope.
- The Active Directory users in the **Web Application Tenant Group** have the permission configured in the group to the selected nodes in the migration jobs.

Users of the **Site Collection Tenant Group** can run SharePoint Online Migration jobs if the following conditions are met:

- The group permission contains the SharePoint Migration module.
- The selected nodes in the jobs are included in the managed site collections of the users.

For detailed information on the user permission management, refer to the **Account Manager** section of the DocAve 6 Control Panel Reference Guide.

***Note**: Logs for jobs run by **Administrators** group users and **System Group** users are stored in the *…\AvePoint\DocAve6\Agent\Logs* directory. Logs for jobs run by **Web Application Tenant Group** users and **Site Collection Tenant Group** users are stored in the *…\AvePoint\DocAve6\Agent\Logs\Group Name* directory.

Launching SharePoint Migration

To launch SharePoint Migration and access its functionality, follow the instructions below:

1. Log into DocAve. If you are already in the software, click the **DocAve** tab. The **DocAve** tab displays all product suites on the left side of the window.
2. From the **DocAve** tab, click **Migration** to view all of the Migration modules.
3. Click **SharePoint Migration** to launch this module.

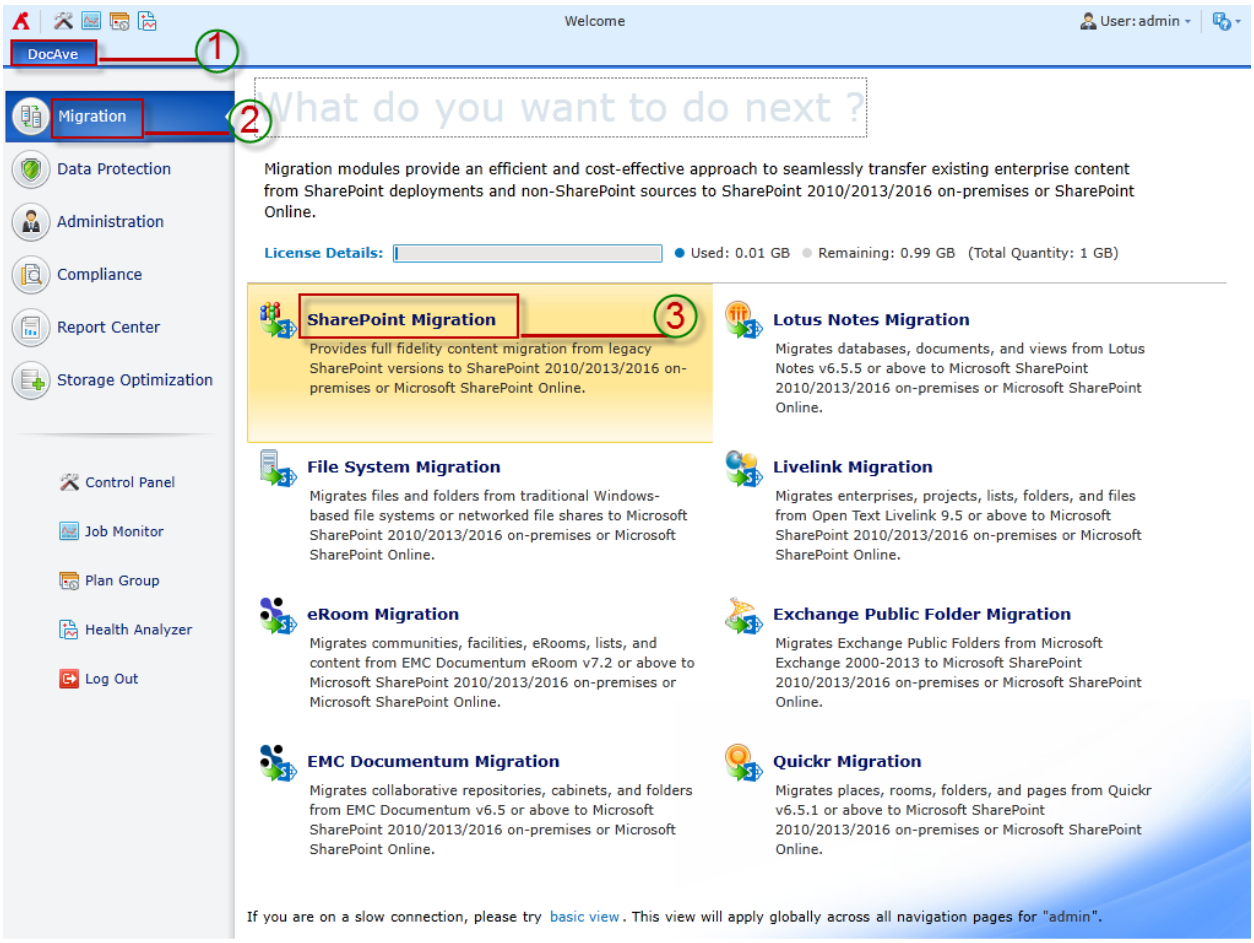

Figure 1: DocAve module launch window.

***Note:** You can also access the **License Details** information for Migrator products from the **Migration** landing page.

Launching SharePoint High Speed Migration

To launch SharePoint High Speed Migration and access its functionality, click **High Speed Migration** in the **Plan** group on the ribbon of the SharePoint Migration module.

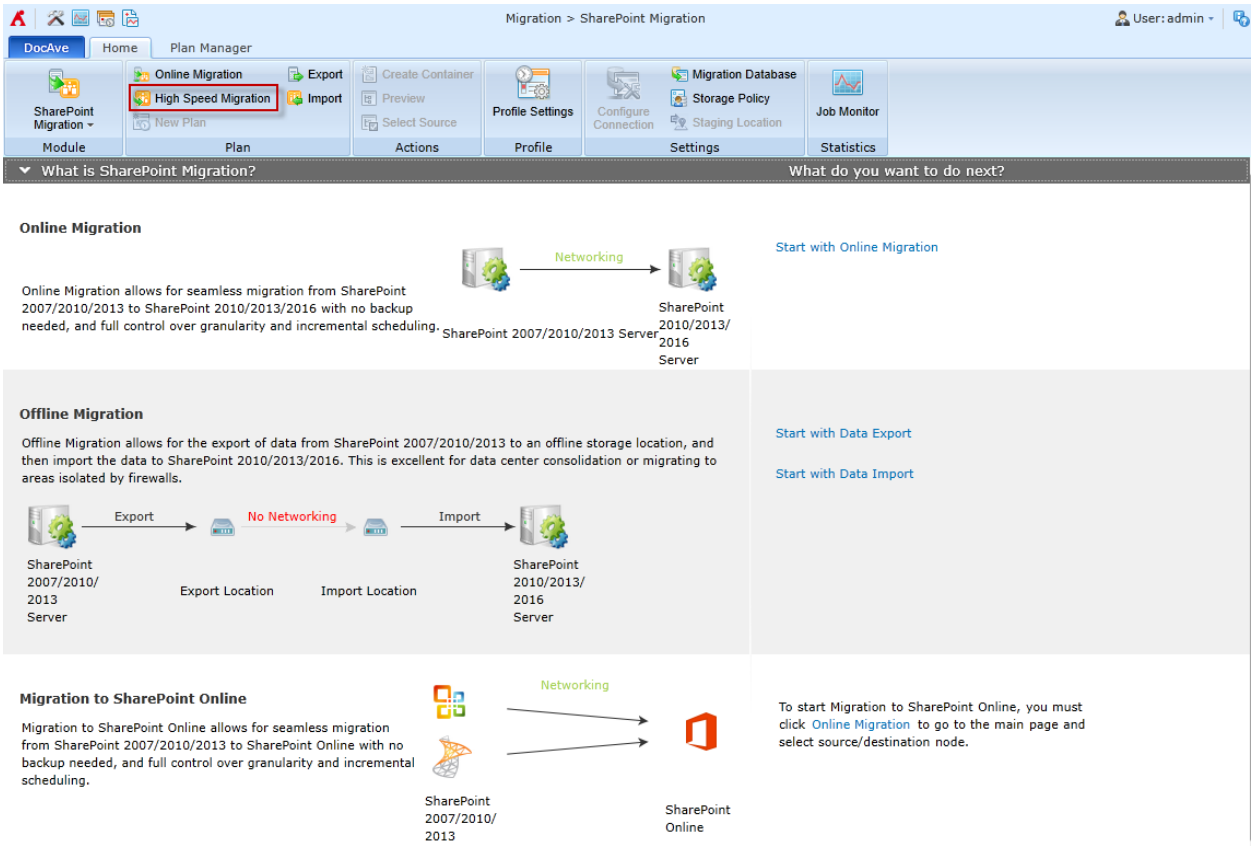

Figure 2: Accessing SharePoint High Speed Migration interface.

Navigating DocAve

DocAve mimics the look and feel of many Windows products, making for an intuitive and familiar working environment. While there are many windows, pop-up displays, and messages within DocAve products, they share similar features and are navigated in the same ways.

Below is a sample window in DocAve. It features a familiar, dynamic ribbon, and a searchable, content list view.

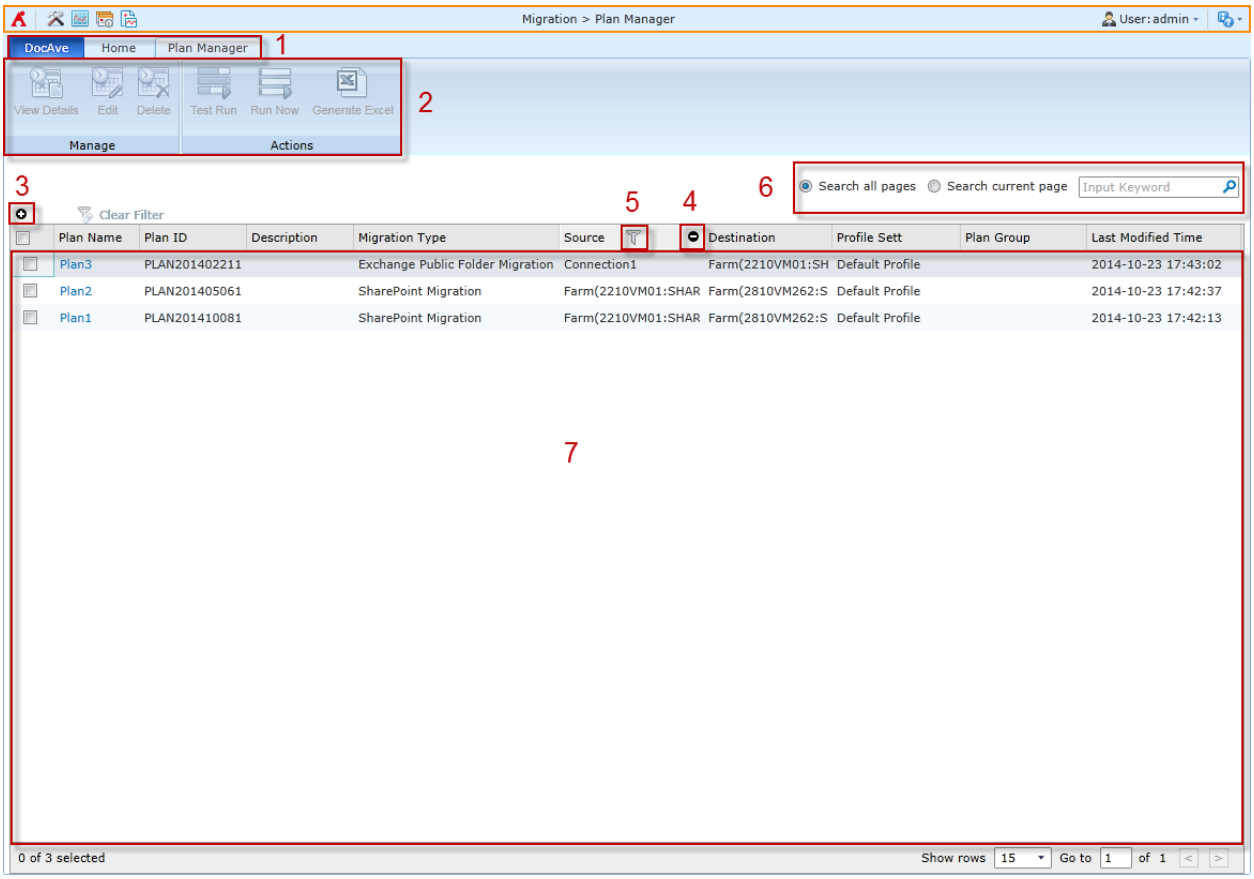

Figure 3: Navigating DocAve.

1. Ribbon Tabs – Allows users to navigate to the DocAve Welcome page and within the active module.
2. Ribbon Panes – Allows users to access the functionality of the active DocAve module.
3. Manage columns (⊕) – Allows users to manage which columns are displayed in the table. Click the manage columns (⊕) button, and then select the checkbox next to the column name in the drop-down list.
4. Hide the column (⊖) – Allows users to hide the selected column.
5. Filter the column ( ) – Allows users to filter the information in the List View. Click the filter the column ( ) button next to the column and then select the checkbox next to the column name.
6. **Search** – Allows users to search the List View pane for a keyword or phrase. You can select **Search all pages** or **Search current page** to define the search scope.

   ***Note:** The search function is not case sensitive.

7. Management Pane – Displays the actionable content of the DocAve module.

Pre-migration Configurations

Configure the following settings before performing SharePoint Migration. Click the link to jump to the corresponding section.

- Configuring Migration Databases (Optional; only for SharePoint Online/Offline Migration)
- Configuring Storage Policies (Only for SharePoint Online/Offline Migration)
- Configuring Dynamic Rules (Optional; only for SharePoint Online/Offline Migration)
- Configuring Staging Locations (Only for SharePoint High Speed Migration)
- Configuring Azure Locations (Only for SharePoint High Speed Migration)

Configuring Migration Databases

Configuring a migration database is not mandatory for SharePoint Migration unless you want to store detailed job information such as the status and type of the job, the user who ran the job, the start and end time of the job, plan information, agent information, etc. For detailed information on the Migration database schema, refer to Appendix A: Migration Database Information.

***Note:** SQL Server 2005 SP1 or higher is required to create a migration database.

1. On the **Home** tab, in the **Settings** group, click **Migration Database**. The **Migration Database** pop-up window appears.
2. Select the destination farm or My Registered Sites that will be using SharePoint Migration.
3. Click **Configure** in the **Manage** group to configure a migration database for the selected farm, or click the down arrow button ( ) next to the farm and select the **Configure** option from the drop-down menu. The **Configure** page appears.
4. Configure the following settings for the database that will store migration job data:
    a. **Configure Migration Database** – Specify a migration database. Enter a new **Database Server** and a **Database Name** in the corresponding fields.
    b. **Authentication** – Select the authentication mode for the migration database. If you select **SQL authentication**, the necessary information must be specified in the **Account** and **Password** fields. You can also validate the SQL database account by clicking **Validation Test**.
    c. **Failover database server** (optional) – Specify a failover database server. In the event that the specified migration database collapses, the data stored in the Migration database can be transferred to this standby database.

    Alternatively, specify a Migration Database in the **Advanced** settings by completing the following steps:

a. Click **Advanced**. The **Connection String** section appears.

b. Check the **Edit connection string directly** checkbox to activate this feature.

c. Enter the connection string according to the example listed in the left pane. For more information about how to configure the connection string, refer to *Microsoft SQL Server Help Document*.

5. Click **Save** to finish and save the configuration, or click **Cancel** to return to the Migration Database page without saving any configurations.
6. Select the farm that has configured a migration database and click **View Details** in the **Manage** group to view detailed information of the migration database configured for the selected farm, or click the down arrow button ( ) next to the farm and select the **View Details** option from the drop-down menu. The **View Details** page appears.

   ***Note**: The **View Details** button is clickable only when the selected farm has configured a migration database.

7. Click **Configure** on the ribbon to configure the migration database for the farm.

Configuring Storage Policies

In order to perform a SharePoint offline migration job, you must set up a Storage Policy to choose a physical device to store the exported data.

To access Storage Policy, from the **Home** tab, click **Storage Policy** in the **Settings** group. Then you will be brought to the **Storage Configuration** interface of Control Panel.

For specific instructions on setting up a storage policy, refer to the Storage Configuration section in the DocAve 6 Control Panel Reference Guide.

Configuring Dynamic Rules

The Dynamic Rule allows you to specify and define your own mappings (column mappings and content type mappings) and filter policies using DLL files customized in C#. To create a dynamic rule, complete the following steps:

1. From the **Home** tab, in the **Profile** group, click **Profile Settings**. The **Profile Settings** tab appears.
2. From the **Profile Settings** tab, in the **Settings** group, click **Dynamic Rule** on the ribbon. The **Dynamic Rule** pop-up window appears.
3. From the **Dynamic Rule** pop-up window, in the **Manage** group, click **Create**.
4. Configure the settings below:

   - **Name and Description** – Choose a **Name** for the dynamic rule that you are about to create. Then enter an optional **Description** for future references.

- **Upload a DLL File** – Upload a customized DLL file for this dynamic rule.

  ***Note**: You can download a sample DLL file, provided for reference on how to customize the code, by clicking **Download the Sample Code**. For more information on configuring the DLL file, see the content in the downloaded file.

There are three interfaces provided to be used in the DLL files: **IAveCustomFieldMapping**, **IAveCustomContentTypeMapping**, and **IAveCustomFilter**.

***Note**: The three interfaces above all use the **AgentCommonWrapperCustomUtility.dll** file in the *…\Program Files\AvePoint\DocAve6\Agent\bin* directory.

IAveCustomFieldMapping – By using this interface, you can customize column mappings in the DLL file. DocAve provides eleven column mapping samples:

- **Column Mapping 1** – Maps source columns to custom columns in the destination and maps the corresponding source column values to custom column values in the destination.
- **Column Mapping 2** – Maps source columns to custom columns in the destination. Keeps some source column values and maps some source column values to null in the destination.
- **Column Mapping 3** – Maps source columns to custom columns in the destination. Maps some source column value to the specified column value and maps some source column value to null in the destination.
- **Column Mapping 4** – Specifies source columns to be included in the filter plans and not be migrated.
- **Column Mapping 5** – Creates new custom columns with specified column types and corresponding column values in the destination.
- **Column Mapping 6** – Creates new custom columns in the destination. Specifies the columns using column types and column values. Specifies default column values and column value mappings.
- **Column Mapping 7** – Collapses the source folder structure and creates custom column in the destination to represent the folder structure. When mapping the source object in the folder, the object will have the corresponding folder names as the specified column values.
- **Column Mapping 8** – Creates new custom Managed Metadata columns in the destination. Specifies default column values and column value mappings.
- **Column Mapping 9** – Maps source columns to Managed Metadata columns in the destination and maps the corresponding source column values to custom column values in the destination.
- **Column Mapping 10** – Creates new custom Lookup columns in the destination. Specifies default column values and column value mappings.

- **Column Mapping 11** – Maps source columns to Lookup column in the destination and maps the corresponding source column values to custom column values in the destination.

Three special cases are provided to show how to perform the column mappings that cannot be configured in the DocAve interface:

- **Case 1** – Maps the source column to the custom column in the destination and maps the corresponding column values according to number, prefix, suffix, regular expression and so on.
- **Case 2** – Maps the source column to the custom column in the destination and maps the corresponding column values according to the source item name.
- **Case 3** – Maps multiple source columns to one custom column in the destination and maps the source column values to the destination column value.

IAveCustomContentTypeMapping – By using this interface, you can customize content type mappings in the DLL file. DocAve provides one content type mapping sample:

- **Content Type Mapping** – Maps source content types to custom content types in the destination.

IAveCustomFilter – By using this interface, you can customize filter policies in the DLL file. DocAve provides eleven filter policy samples as follows:

- **Filter Policy 1** – Specifies the column by the display name in the filter policy. By using this filter policy, the object with specified column value will be included in the filter plans.
- **Filter Policy 2** – Specifies the content type column by the display name in the filter policy. By using this filter policy, the object with the specified content type column value will be included in the filter plans.
- **Filter Policy 3** – Specifies the column by the column type and display name in the filter policy. By using this filter policy, the object with the specified column value will be included in the filter plans.
- **Filter Policy 4** – Specifies the column by the display name in the filter policy. By using this filter policy, the object whose column value starts with the specified value will be included in the filter plans.
- **Filter Policy 5** – Specifies the column by both the display name and internal name in the filter policy. Only the column internal name condition works.
- **Filter Policy 6** – Specifies the column by the display name in the filter policy. By using this filter policy, the item that has the specified column will be included in the filter plans.
- **Filter Policy 7** – Specifies several rules in the filter policy and use the logical operator “or”.
- **Filter Policy 8** – Specifies several rules in the filter policy and use the logical operator “and”.

- **Filter Policy 9** – Specifies the column by the display name in the filter policy. The item with the specified column value will be included in the filter plans.
- **Filter Policy 10** – Specifies the content type in the filter policy. The object that uses the specified content type will be included in the filter plans.
- **Filter Policy 11** – Specifies the column by the display name in the filter policy. The object with the specified column value will be filtered.

Configuring Staging Locations

A staging location is used to stage migration data for SharePoint High Speed export.

To access staging location settings, on the **High Speed Migration** interface, click **Export** in the **Plan Management** group on the ribbon. Click **Staging Location** in the **Settings** group on the ribbon. The **Control Panel > Export Location** interface appears.

***Note**: The **Staging Location** button is only available after clicking **Export** in the **Plan Management** group on the ribbon.

Managing Staging Locations

Perform the following actions on the **Control Panel > Export Location** interface:

- **Create** – Click **Create** on the ribbon to create a new staging location. For details on creating a new staging location, refer to Creating and Editing Staging Locations.
- **View Details** – Click **View Details** on the ribbon to view the previously configured settings for the staging location. Here you can also click **Edit** on the ribbon to make changes to the staging location's settings. You will be redirected to the **Edit Export Location** page where you can change the settings of this staging location.
- **Edit** – Click **Edit** on the ribbon to change settings for this staging location. For details on editing settings for a staging location, refer to Creating and Editing Staging Locations.
- **Delete** – Click **Delete** on the ribbon. A confirmation window appears, asking if you want to proceed with the deletion. Click **OK** to delete the selected staging locations, or click **Cancel** to return to the **Control Panel > Export Location** interface without deleting the selected staging locations.

Creating and Editing Staging Locations

To create a new staging location, click **Create** on the ribbon. To modify a staging location, select the staging location, and then click **Edit** on the ribbon.

On the **Create a New Export Location** interface, configure the following settings:

1. **Name and Description** – Enter a **Name** for this export location. Then enter an optional **Description** for this export location for future reference.

2. **Farm Selection** – Select the farm where you are creating this export location.
3. **Storage Type** – Select a storage type for the export location you are about to create.

   With **Net Share** selected as the storage type, complete the steps below:

   - **Path** – The export location can be a file share, storage area network (SAN), or network-attached storage (NAS).
     i. Enter the **UNC Path** in the following format: *admin-PC**c$**data* or *admin-PC**shared* folder.

        ***Note:** If the path you entered does not exist, it will be created automatically.

     ii. Select a managed account profile from the drop-down list or click **New Managed Account Profile** to create a new one.

   With **SFTP** selected as the storage type, complete the steps below:

   - **Host** – Enter the IP address or host name of the SFTP server.

     ***Note**: Make sure the farm Web front-end server where the DocAve Agent has been installed can communicate with this SFTP server.

   - **Port** – Enter the port of the SFTP server.
   - **Root folder** – Enter the folder where the exported data will be stored on the SFTP server.

     ***Note**: If the folder does not exist in the SFTP home path, it will be automatically created. If no folder is entered here, a folder named **root** will be automatically created in the SFTP home path.

   - **Authentication** – Configure the authentication settings to connect to the SFTP server.
     - Enter the **Username** of the account that can use SFTP.
     - Enter the authentication information configured for the account in the SFTP server. Enter the **Password**, or click **Browse** to browse to the **Private key file**. If a private key file exists, enter the **Private key password**.

     ***Note**: Only the OpenSSH key file is supported.

4. **Click Validation Test** to test whether or not the entered information is valid.
5. Click **Save** to complete the configuration of the staging location, or click **Cancel** to return to the **Control Panel > Export Location** interface without saving any changes.

Configuring Azure Locations

A Microsoft Azure location is used to stage migration data for importing to SharePoint Online and OneDrive for Business. SharePoint High Speed Migration uses a Microsoft Azure location when importing data.

To access Azure Location settings, click **Azure Location** in the **Settings** group on the ribbon. The **Microsoft Azure Location** interface appears.

***Note**: The **Azure Location** button is only available after clicking **Import** in the **Plan Management** group on the ribbon.

Managing Azure Locations

Perform the following actions on the **Microsoft Azure Location** interface:

- **Create** – Click **Create** on the ribbon to create a new Microsoft Azure location. For details on creating a new Microsoft Azure location, refer to Creating and Editing Azure Locations.
- **View Details** – Click **View Details** on the ribbon to view the previously configured settings for the Microsoft Azure location. Here you can also click **Edit** on the ribbon to make changes to the Microsoft Azure location's settings. You will be redirected to the **Edit Microsoft Azure Location** page where you can change the settings of this Microsoft Azure location.
- **Edit** – Click **Edit** on the ribbon to change the configurations for this Microsoft Azure location. For details on editing configurations for a Microsoft Azure location, refer to Creating and Editing Azure Locations.
- **Delete** – Click **Delete** on the ribbon. A confirmation window appears, asking if you want to proceed with the deletion. Click **OK** to delete the selected Microsoft Azure locations, or click **Cancel** to return to the **Microsoft Azure Location** interface without deleting the selected Microsoft Azure locations.

Creating and Editing Azure Locations

To create a new Azure location, click **Create** on the ribbon. To modify an Azure location, select the Azure location, and then click **Edit** on the ribbon.

On the **Create a New Microsoft Azure Location** interface, configure the following settings:

1. **Name and Description** – Enter a name for the Microsoft Azure location, and enter an optional description.
2. **Path** – Configure the following settings to configure a Microsoft Azure location to stage migration data.

a. **Blob Service Endpoint URL** – Enter the endpoint URL of the blob service that you want to use in this Microsoft Azure location.

b. **Storage Account Name** – Enter the Microsoft Azure storage account name in the text box.

c. **Primary Access Key** – Enter the Microsoft Azure primary access key in the text box.

3. Click **Save** to complete the configurations for the Microsoft Azure location, or click **Cancel** to return to the **Microsoft Azure Location** interface without saving any changes.

About Online Migrations

An Online Migration job migrates content, configurations, securities, and users from a source environment to a destination SharePoint environment when a network between the source and destination is available.

While it is theoretically possible to run an Online Migration job without configuring the settings described in the sections below, it is **strongly** recommended that you configure these settings in order to ensure appropriate content management during migration.

Online Migration Overview

To perform Online Migration jobs, the following steps must be performed in this order. Click the link to jump to the corresponding section.

1. Configuring Migration Databases (Optional)
2. Configuring Dynamic Rules (Optional)
3. Configuring a SharePoint Online Migration Profile
    a. Source Component Options
    b. Mapping Options
    c. Advanced Options
4. Performing a SharePoint Online Migration
    a. Selecting the Source and Destination Nodes
        - Creating Containers
    b. Select either of the following methods to perform an online migration:
        - Configuring the Run Now Interface
        - Configuring the Save As New Plan Interface

Configuring a SharePoint Online Migration Profile

The Online Migration Profile allows you to specify and define numerous settings for the migration jobs including Source Component Options, Mapping Options, and Advanced Options. Follow the instructions below to create an online migration profile.

1. From the **Home** tab, in the **Profile** group, click **Profile Settings**. The **Profile Settings** tab appears.
2. From the **Profile Settings** tab, in the **Options** group, ensure **Online Profile** is highlighted.

3. From the **Profile Settings** tab, under the **Profile Management** group, click **New**.
4. Enter a profile name in the pop-up window and click **Save**.
5. Select the **Source Component Options** from the left-hand pane and configure the settings described in the following section.

Source Component Options

Configure the Source Component Options:

1. **Filter Policy** – Select specific object or data within each SharePoint level (Web application down to item level). The default filter policy is set to be none. You may select a previously created filter policy from the drop-down menu. Or click **New Filter Policy** to create a new filter policy. For more detailed information about the filter policy, refer to the DocAve 6 Control Panel Reference Guide.
2. **Alerts** – Migrate the alerts of different levels in the source to the destination SharePoint environment by selecting the **Migrate alert of the list, library, folder, item and document level** checkbox.
3. **Workflow** – Select the **Include workflow definition** checkbox to migrate the definition of existing workflows for the selected content from the source node to the destination node. Select the **Include workflow instance** checkbox to migrate the state, history, and tasks of existing workflows for the selected content from the source node to the destination node. The following checkboxes are selectable only if you select the **Include workflow instance** checkbox:
    - **Include completed workflows** – Migrates the state, history, and tasks of completed workflows for the selected content from the source node to the destination node.
    - **Include running workflows** – Migrates the state, history, and tasks of running workflows for the selected content from the source node to the destination node. This checkbox is optional. If you select this checkbox, the following radio buttons are available:
        - **Cancel the running workflows after migration jobs** – Cancels the running workflows for the selected source content in the destination after the migration jobs. By default, this radio button is selected.
        - **Cancel and restart the running workflows after migration jobs** – Cancels the running workflows for the selected source content in the destination after the migration jobs. And then restarts the canceled workflows.

    ***Note**: If you select the SharePoint Online farm as the destination and select to migrate both the workflow definition and workflow instance, only the workflow definition is migrated to the destination SharePoint Online farm. The workflow instance of a checked-out file will not migrate successfully.

    ***Note:** DocAve can maintain the state of a running workflow between the source and destination during a migration, but must write directly to the Content Database to do so. Microsoft does not support database writing methods, and using such methods may void the

Microsoft Terms of Service. For instructions on how to migrate running workflows, see the following Knowledge Base article: Maintaining the State of Running Workflows.

4. **Managed Metadata Service Setting** – Choose to migrate the entire associated Managed Metadata Services, the related term sets and all of the terms in these term sets, or the related terms and their parents associated with the source node by selecting the **Migrate Managed Metadata Service** checkbox and one of the following options. Deselect this checkbox to migrate no terms that are related to the source node to the destination.

    - **Term** – Migrates the terms and their parents associated directly with the source node to the destination node.
    - **Term set** – Migrates the term sets and their parents associated directly with the source node, and all of the terms in the term sets to the destination node. By default, this radio button is selected.
    - **Managed Metadata Service** – Migrates the entire Managed Metadata Services associated with the source node to the destination node.

5. **Empty Lists** – Migrate the source empty lists and libraries that have no items in SharePoint to the destination SharePoint environment by selecting the **Include empty lists and libraries** checkbox. By default, this checkbox is selected.

    ***Note**: If you deselect this checkbox, the empty lists and libraries will not be migrated to the destination even if they meet the rules defined in the selected filter policy of the profile.

6. When finished, select the **Mapping Options** from the left-hand pane and configure the mappings described in the following section.

Mapping Options

To configure the Mapping Options, complete the following steps:

1. **Column Mapping** – Replaces source columns with destination columns. According to the column type, the source column and the destination column can be the same or different. The column can also be changed to Managed Metadata or Lookup. The default column mapping is set to be none. You may select a previously created column mapping from the drop-down menu, or click **New Column Mapping** from the drop-down menu to create a new one. For information on creating a column mapping, see the DocAve 6 Control Panel Reference Guide.

    ***Note**: If you change a column to a lookup column, make sure that the lookup column is only associated with a list or list column that exists in the destination. If you change a source column to a destination column whose values are incompatible with the source column values, make sure to map the corresponding values.

2. **Content Type Mapping** – Replaces source content types with destination content types according to the condition that you set up. The default content type mapping is set to be none. You may select a previously created content type mapping from the drop-down menu, or click **New Content Type Mapping** from the drop-down menu to create a new one. For information on creating a content type mapping, see the DocAve 6 Control Panel Reference Guide.

***Note**: SharePoint Migration supports the content type mapping that maps the source OOB (Out of Box) content types to the destination custom content types.

3. **Template Mapping** – Replaces site templates and list templates. By inputting or selecting Template ID, the source template is changed to the destination template. The default template mapping is set to be none. You may select a previously created template mapping from the drop-down menu, or click **New Template Mapping** from the drop-down menu to create a new one. For information on creating a template mapping, see the DocAve 6 Control Panel Reference Guide.
4. **User Mapping** – Replaces an existing source node username with an existing destination node username or a default username in destination. The default user mapping is set to be none. You may select a previously created user mapping from the drop-down menu, or click **New User Mapping** from the drop-down menu to create a new one. For information on creating a user mapping, see the DocAve 6 Control Panel Reference Guide.

   ***Note**: In **User Mapping**, the **Add a placeholder account to keep metadata even if the user no longer exists** option is not supported for use with SharePoint 2007/2010/2013 to SharePoint Online Migration. This option replaces non-existent destination users with a placeholder account in the destination Active Directory.
5. **Domain Mapping** – Maps a domain name in the source to a domain name in the destination. The default domain mapping is set to be none. You may select a previously created domain mapping from the drop-down menu, or click **New Domain Mapping** from the drop-down menu to create a new one. For information on creating a domain mapping, see the DocAve 6 Control Panel Reference Guide.
6. **Language Mapping** – Displays the destination node in a different language from the source node after the plan has been executed. The default language mapping is set to be none. You may select a previously created language mapping from the drop-down menu, or click **New Language Mapping** from the drop-down menu to create a new one. For information on creating a language mapping, see the DocAve 6 Control Panel Reference Guide.
7. **List Name Mapping** – Maps the lists in the source to the specified lists in the destination, or changes the list name to another one. Conditions configured in the list name mapping are optional. The default list name mapping is set to be none. You may select a previously created list name mapping from the drop-down menu, or click **New List Name Mapping** from the drop-down menu to create a new one. For information on creating a list name mapping, see the DocAve 6 Control Panel Reference Guide.

   By default, DocAve maps SharePoint 2007/2010/2013 **Shared Documents** and **Documents** libraries to a SharePoint 2013/2016 **Documents** library with the **Shared Documents** in the URL. To disable this default mapping, refer to SharePoint Migration Profile Features.
8. When finished, select the **Advanced Options** from the left-hand pane and configure the settings described in the following section.

***Note**: If the authentication of the source and destination are different, make sure that you have configured the user mapping or domain mapping to ensure that the source users are available in the destination.

Advanced Options

Configure the Advanced Options:

1. **Preserve the Null Column Values** – Choose whether or not to preserve the null value of item columns in the source. Some values of the newly created columns may be null for previous items, and this option allows you to choose whether to replace the null value with the default value in the destination.

    - If you select the **Yes** radio button, the null values of item columns (such as newly created columns) are preserved. By default, the **Yes** radio button is selected.
    - If you select the **No** radio button, the null values of item columns (such as newly created columns) are replaced with default values in the destination node.

2. **Change Site Look and Feel** – Choose whether to change or preserve the look and feel of the SharePoint sites in the destination. Normally, the manually input site or site collection is used as the destination node.

    - **Change existing SharePoint sites to use the new user experience –** Uses the destination look and feel for the migrated site collections or sites. Administrators of the destination site can control the user experience for end users.

      ***Note**: If you choose this option, the property of the source site must be migrated to the destination in SharePoint 2007 to 2010 Migration jobs. Make sure that in the source tree the **Property** checkbox behind the source site is selected.

        - **Preserve customized pages, but update template and application pages to use the new UI** – Preserves the content of the customized pages and uses the destination template and application pages after the migration.
        - **Reset all customized pages to their original templates** – Deletes all customized pages and deletes modifications from customized pages. This cannot be undone.

    - **Preserve the look and feel of existing SharePoint sites, and allow end users to update their sites' user experience** – Preserves the source look and feel for the migrated site collections and sites after the migration. The end user can still update the look and feel of the SharePoint sites in the source to that of the SharePoint sites in the destination, but it is irreversible.

      ***Note**: This function is only available for SharePoint 2007 to 2010 Migration and SharePoint 2010 to 2013 Migration. Due to a SharePoint limitation, the Master Page, Page Layout, and Site Templates web properties are not available when migrating from SharePoint 2007 to 2013.

3. **Folder Structure Management** – Choose whether or not to collapse the folder structure of the source SharePoint content. If you select the **Collapse folder structure** checkbox, all levels of the folder structure of the source content will be collapsed. All files within the folders will be migrated to the library and merged to the same path in the destination. With this option selected, you can further choose to add a column to keep the source path or parent folder name

of the files in the destination. Select the **Add column to keep source path** checkbox and select one of the following options:

- **Source path** – Select the **Source path** option to record the source path of each document to be the column value. **DocAve Source Path** is provided as the default name of the column and you can also customize the name by entering a column name in the text box.
- **Parent folder** – Select the **Parent folder** option to record the parent folder of each document to be the column value. **Parent Folder Name** is provided as the default name of the column, and you can also customize the name by entering a column name in the text box.

4. **Character Length Settings** – This is used to set character length limitations for SharePoint URL, folder name, and file name.
    - **Maximum length of the SharePoint URL** – The default value is 255, but you can define the maximum length between 1 and 260 characters. The length of the SharePoint URL is calculated from the first character of the managed path, that is **/**. When the folder or file's URL exceeds the limitation, the migration results are as follows:
        - If the folder URL exceeds the limitation, the folder name will be pruned according to the value which is set in **Maximum length of the folder name** first. If the folder URL still exceeds the limitation, the folder and its content will be migrated to the root folder of the destination list. If there is a file whose URL exceeds the limitation within a folder, the file name will be pruned according to the value which is set in **Maximum length of the file name** first. If the file URL still exceeds the limitation, it will be migrated to the root folder of the destination list.
        - If the file URL exceeds the limitation, the file name will be pruned according to the value which is set in **Maximum length of the file name** first. If the file URL still exceeds the limitation, it will be migrated to the root folder of the destination list.
    - **Maximum length of the folder name** – The default value is 128, but you can define the value between 1 and 128. If the folder name exceeds the limitation, the extra characters will be pruned from the end. For example, a folder is named **abcdef** in the source and the value that you set here is 5. The folder will be named **abcde** after the migration.
    - **Maximum length of the file name** – The default value is 128, but you can define the value between 1 and 128. If the file name, including the file extension, exceeds the limitation, the extra characters will be pruned from the end. For example, a file is named **abcdef.txt** in the source and the value that you set here is 5. The file will be named **a_0.txt** after the migration. **_0** is used to mark that the file name is pruned.
5. **Dynamic Rule** – Allows you to configure your own mappings and filter policies using C #. The default dynamic rule is set to be none. You may select a previously created dynamic rule from the drop-down menu, or click **New Dynamic Rule** from the drop-down menu to create a new one. For information on creating a new dynamic rule, see the Configuring Dynamic Rules section of this guide.

6. When finished configuring all options, click **Save** to save the profile. Alternatively, click **Save As** and enter a profile name to save it as another profile.

Performing a SharePoint Online Migration

An online SharePoint Migration job migrates content, securities, and configurations from the source to the destination SharePoint environment.

***Note**: Integration with Real-time Storage Manager and Scheduled Storage Manager is supported. You can migrate content externalized by DocAve Storage Optimization products so that the migrated contents or stubs within SharePoint are accessible no matter where the real content is stored.

Follow the instructions below to perform an online migration job.

***Note**: Make sure that DocAve Manager and the source Agents, and the Source Agents and the destination Agents are communicating with one another.

Selecting the Source and Destination Nodes

SharePoint Migration includes: SharePoint 2007 to 2010 Migration, SharePoint 2007 to 2013 Migration, SharePoint 2007 to 2016 Migration, SharePoint 2010 to 2013 Migration, SharePoint 2010 to 2016 Migration, SharePoint 2013 to 2016 Migration, SharePoint 2007 to SharePoint Online Migration, SharePoint 2010 to SharePoint Online Migration, and SharePoint 2013 to SharePoint Online Migration.

1. From the **Home** tab, in the **Plan** group, click **Online Migration**.
2. In the **Source** pane, click the farm name to expand the data tree.
    a. Select the node whose data you wish to migrate.

        If working with a large environment, enter the site URL into the **Input Keyword** text box to search for the desired site collection. You can only search out the nodes whose names are displayed in the currently expanded tree. The nodes which are not displayed in the expanded tree cannot be searched. After entering the keyword, the search result will be displayed with a little time.

        Optionally, use the Advanced Search function to search the desired nodes by the configured search criteria. Right-click a Web application, Sites, or Lists node and select the **Advanced Search** option from the drop-down menu, the **Advanced Search** pop-up window appears. You can use the Advanced Search function to search for site collections, sites, lists, and libraries.

    b. Select the source node by selecting the corresponding radio button or checkbox.

        ***Note**: Three kinds of farms can be loaded in the source: SharePoint 2007 farms, SharePoint 2010 farms, and SharePoint 2013 farms.

The Web application radio buttons in the data tree can be deselected even when the nodes under them are selected.

c. Select the corresponding **Security** and/or **Property** checkbox behind a source node to migrate the security and/or property of the source node to the destination node. They are selected by default.

3. In the **Destination** pane, click the farm name to expand the data tree.

   ***Note**: Four kinds of farms can be loaded in the destination: SharePoint 2010 farms, SharePoint 2013 farms, SharePoint 2016 farms, and SharePoint Online nodes (both the **SharePoint Sites Group** and **OneDrive For Business Group**).

   To perform the migration to SharePoint Online farms properly, you must configure your SharePoint sites in Control Panel. For more detailed information about this configuration, see the Registered SharePoint Sites section in the DocAve 6 Control Panel Reference Guide.

   If the server you are using does not have internet access and needs to communicate to SharePoint Online farms or sites outside of this Agent's network, configure the proxy settings for this server. For more detailed information about this configuration, see the **Agent Proxy Settings** section in the DocAve 6 Control Panel Reference Guide.

   a. For SharePoint Online site collections, the publishing feature must be activated at the destination. If publishing is not activated, errors may result (such as page duplication or inability to open pages). Find the node which you wish to migrate the source data to.

      If working with a large environment, enter the keyword of the node (for example, site URL, site title, or site/list/item name) into the **Input Keyword** text box to search for the desired node. You can only search out the nodes whose names are displayed in the currently expanded tree. The nodes which are not displayed in the expanded tree cannot be searched. When entering the keyword, the search result will be displayed with a little time.

      Optionally, use the Advanced Search function to search the desired nodes by the configured search criteria. Right-click a Web application, Sites, or Lists node and select the **Advanced Search** option from the drop-down menu, the **Advanced Search** pop-up window appears. You can use the Advanced Search function to search for site collections, sites, lists, and libraries.

   b. Select the destination node by selecting corresponding radio button. You can also create a new site collection, site, list or folder by entering the specified name and click **Create Container**. For details on creating containers, refer to Creating Containers.

4. In the **Action and Preview** pane, choose **Attach** to migrate the source node as a child underneath the chosen destination node or choose **Merge** to add the content, security, and

configuration of the source to the selected destination node. The table below shows when **Attach** and/or **Merge** are available.

***Note**: **M** represents Merge; **A** represents Attach; **X** represents Unsupported.

		Destination					
		Web Application	Site Collection	Top-level Site	Site	List	Folder
Source	Web Application	M	X	X	X	X	X
	Site Collection	A	M	X	X	X	X
	Top-level Site	X	A	M/A	M/A	X	X
	Site	X	A	M/A	M/A	X	X
	List	X	X	A	A	M	X
	Folder	X	X	X	X	A	M/A
	App	X	X	A	A	X	X

To see what the data tree of the destination node will look like after the job is executed, click **Preview**. Only the SharePoint objects down to the site level can be previewed in the destination tree.

5. When finished configuring the job, select one of the following options:
    - Click **Run Now** to perform a migration job immediately, and then the **Run Now** interface appears. For more information, see the Configuring the Run Now Interface section of this guide.
    - Click **Save As New Plan** to save the settings as a new plan, and then the **Save As New Plan** interface appears. For more information, see the Configuring the Save As New Plan Interface section of this guide.

Creating Containers

Containers are created in the destination prior to a migration in order to store the migrated content. The container can be a site collection, site, list, library, or folder, depending upon the migration type selected.

You can create containers in SharePoint without leaving the DocAve interface. To create a container, in the Destination pane, enter the name of a new container in the available field, and then click **Create Container**. The **Create Container** interface will pop up. Depending on the container type you are creating, configure the settings for each type of container as such:

Creating a Site Collection

Configure these settings in the Create Site Collection page:

- **Title and Description** – Enter the **Title** of the new site collection and a **Description** for future references.

- **Template Selection** – Select the desired language from the **Select a language** drop-down list. Then select a site template for this new site collection. Click on a tab to access the templates listed in that category, or click on the **Custom** tab and select **Select Template Later…** to not choose a template upon creation.
- **Primary Site Collection Administrator** – Enter the **Username** of the primary administrator for this site collection. Then click the check names ( ) button to check whether the user is valid, or click the browse ( ) button to select people and groups in a new page.
- **Secondary Site Collection Administrator** – Enter the **Username** of the secondary administrator for this site collection.
- **Quota Template** – Select the storage quota template to apply to this site collection.
- **Content Database** – Select the Content Database for this site collection

Click **OK** to create the new site collection, or click **Cancel** to close the Create Container interface.

***Note**: To create SharePoint Online site collections in the destination using the Create Container function, select site collections in the source and select a SharePoint Online admin center site collection as the destination node. Select **Attach** as the action, and run the migration job. The source site collections will be registered within the destination SharePoint Sites Group where the SharePoint Online admin center site collection resides. This process will take some time.

Creating a Site

Configure these settings in the Create Site page:

- **Title and Description** –Enter the **Title** of the new site and a **Description** for future references.
- **Template Selection** – Select the desired language from the **Select a language** drop-down list. Then select a site template for this new site. Click on a tab to access the templates listed in that category.
- **Permissions** – Select **Use unique permissions** to allow a unique set of users access to this new site. Select **Use same permissions as parent site** to allow the same users who can access the parent site access to this new site.
- **Navigation** – Select the **Yes** radio button if you want a link to this site to appear in the Quick Launch and top link bar of the parent site.
- **Navigation Inheritance** – Select **Yes** to use the top link bar from the parent site.

Click **OK** to create the new site, or click **Cancel** to close the **Create Container** interface.

Creating a List/Library

Configure these settings in the Create List page:

- **Object Type** – Choose whether you wish to create a **List** or **Library** by selecting the corresponding radio button.

- **Category** – Select the category for the new list or library.
- **Navigation** – Select **Yes** if you want to display the library/list on the Quick Launch.
- **Document Template** (for Library only) – For a new library, select a document template from the drop-down list to determine the default for all new files created in this document library.
- **Document Version History** (for Document Library, Form Library) – Select **Yes** to create a version each time you edit a file in this library.
- **Picture Version History** (for Picture Library only) – Select **Yes** to create a version each time you edit a file in this picture library.
- **Data Connection Version History** (for Data Connection Library only) – Select **Yes** to create a version each time you edit a file in this data connection library.
- **Slide Version History** (for Slide Library only) – Select **Yes** to create a version each time you edit a file in this slide library.
- **Item Version History** (for Report Library and Asset Library) – Select **Yes** to create a version each time you edit a file in this list.

Click **OK** to create the new list or library, or click **Cancel** to close the **Create Container** interface.

Configuring the Run Now Interface

In the **Run Now** interface, configure the settings below:

1. **Options** – Choose the migration type for this migration job.
    - **Full migration** – Migrates all contents from the source node to the destination node.
    - **Incremental migration** – Only migrates added and/or modified content to the destination based on time and content.
        - If you select the **Incremental migration** option and no incremental type is selected, any content changed since the last migration operation will be migrated together with the failed content.
        - If you select the **Migrate changes within** checkbox and specify a time range for this incremental job, any content changed during the specified time will be migrated together with the failed content. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list. If you select the **Migrate changes within** checkbox, the **Migrate failed content only** checkbox will be grayed out.

    ***Note:** A Full Migration Job must performed at least once prior to executing an Incremental Migration Job.

    ***Note**: To perform an incremental migration job, DocAve obtains data from the SharePoint change log. Before you run an incremental migration job, AvePoint recommends you verify the validity and last truncation date (if any) of the relevant change log. For more information, see the MSDN article Using the Change Log.

2. **Conflict Resolution** – Specify the conflict resolution when the item name in the source SharePoint environment conflicts with an existing item name in the destination SharePoint environment. For the **Container Level**, the available conflict resolutions are **Merge** and **Skip**. **Merge** required you to check the objects lower in the hierarchy for conflicts, and configure the Content Level conflict resolution. **Skip** makes the configuration of the content level conflict resolution optional. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.
3. **Apps Conflict Resolution** – Specify the conflict resolution when the apps in the source SharePoint environment conflicts with an existing app in the destination SharePoint environment. This setting only appears when the source is a SharePoint 2013 environment. For more detailed information of Apps Conflict Resolution, refer to Appendix C: Conflict Resolution.
4. **Profile Selection** – Configure the related source component options, mapping options, and advanced options for the migration job. Select a previously configured profile from the drop-down list. SharePoint Migration provides you a default profile named **Default Profile**.
5. **Agent Group** – Select a source Agent group and a destination Agent group for this migration plan from the drop-down list. For details on creating an Agent group, refer to the DocAve 6 Control Panel Reference Guide.

6. **Notification** – Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification Profile** from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.
7. **Migration Database** – Choose whether to use specified migration database to store the job data in SQL Server for each farm. For detailed information on configuring a Migration Database, refer to the Configuring Migration Databases section of this guide.
8. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all objects migrated to the destination SharePoint environment, but may affect performance.
9. Click **OK** to run the job immediately or click **Cancel** to return to the **Home** page of Online Migration.

Configuring the Save As New Plan Interface

In the **Save As New Plan** interface, configure the following settings:

1. **Plan Name** – Enter a **Name** for the plan that you are about to create. Then enter an optional **Description** for future references.
2. **Profile Selection** – Configure the related source component options, mapping options, and advanced options for the online migration job. Select a previously configured profile from the drop-down list to apply the migration settings to the migration job. SharePoint Migration provides you a default profile named **Default Profile (default)**.
3. **Agent Group** – Select a source Agent group and a destination Agent group for this migration plan from the drop-down list. For details on creating an Agent group, refer to the DocAve 6 Control Panel Reference Guide.
4. **Schedule Selection** – Select one type of schedule to run the plan:
    - **No schedule** – Select this option to run the plan manually.
    - **Configure the schedule myself** – Select this option and the **Schedule Settings** section appears under the **Schedule Selection** section.

      Click **Add Schedule** and the **Add Schedule** interface appears. For more information, see the Configuring the Add Schedule Interface section of this guide.
5. **Notification** – Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification Profile** from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.
6. **Associated Plan Group** – Select associated plan groups or create a new plan group in the **Associated plan group(s)** drop-down list in order to make the plan run according to the selected plan group settings. For more information on plan groups, refer to the DocAve 6 Control Panel Reference Guide.

7. **Migration Database** – Choose whether to use specified migration database to store the job data in SQL Server for each farm. For detailed information on configuring a Migration Database, refer to the Configuring Migration Databases section of this guide.
8. When finished configuring the plan, select one of the following options:
    - Click **Save**, then select **Save** from the drop-down list to save the plan you have configured.
    - Click **Save** to select **Save and Run Now** to save the plan you have configured, then the **Run Now** interface appears. For detailed information on the **Run Now** interface, refer to the Configuring the Run Now Interface section of this guide.

Configuring the Add Schedule Interface

Click **Add Schedule** and the **Add Schedule** interface appears. Configure the following settings:

1. **Options** – Select a type of migration for the customized schedule.
    - Choose **Full migration** to migrate all contents from the source node to the destination node according to the profile.
    - Choose **Incremental migration** to only migrate the added and/or modified content to the destination based on content or time.
        - If you choose to migrate the modified content based on content, make sure that you have run a full migration job and select the **Incremental migration** radio button only.
        - If you choose to migrate the modified content based on time, select the **Migrate changes within:** checkbox to specify the time range, and only the changes within the specified time range will be migrated. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.

    ***Note:** A Full Migration Job must performed at least once prior to executing an Incremental Migration Job.

    ***Note**: To perform an incremental migration job, DocAve obtains data from the SharePoint change log. Before you run an incremental migration job, AvePoint recommends you verify the validity and last truncation date (if any) of the relevant change log. For more information, see the MSDN article Using the Change Log.
2. **Conflict Resolution** – Specify the conflict resolution when the item name in the source SharePoint environment conflicts with an existing item name in the destination SharePoint environment. For the **Container Level**, the available conflict resolutions are **Merge** and **Skip**. **Merge** requires you to check objects lower in the hierarchy for conflicts, and configure content level conflict resolution. **Skip** makes the configuration of the Content Level resolution optional. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.
3. **Apps Conflict Resolution** – Specify the conflict resolution when the apps in the source SharePoint environment conflicts with an existing app in the destination SharePoint

environment. This setting only appears when the source is a SharePoint 2013 environment. For more detailed information of Apps Conflict Resolution, refer to Appendix C: Conflict Resolution.

4. **Schedule Settings** – Specify the frequency to run the recurring schedule. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.
5. **Range of Recurrence** – Configure when to start and end the running recurring schedule by selecting **Start time** and one of the end time options (b., c., or d.) below.
    a. **Start time** – Set up the time to start the plan and Time Zone can be changed under the Start time. Note that the start time cannot be earlier than the current time.
    b. **No end date** – Select this option to repeat running the plan until it is stopped manually.
    c. **End after specified occurrence(s)** – Select this option to stop the plan after a specified number of occurrences that you enter in the text box.
    d. **End by** – Set up the time to end the recurrence of plans.
6. Click **Save** to save the configuration of schedule, or click **Cancel** to return to the **Save As New Plan** interface without saving any changes.
7. Click **Calendar View** to preview the previously configured schedule in a calendar.
8. You can delete a previously configured schedule by clicking ✕ behind a corresponding schedule.

Configuring the Run Now Interface

In the **Run Now** interface, configure the settings below:

1. **Options** – Choose the migration type for this migration job.
    - **Full migration** – Migrates all contents from the source node to the destination node.
    - **Incremental migration** – Only migrates the added, modified, and/or failed content to the destination based on time or job.
        - If you choose to migrate content that has been modified since the last migration job, select the **Migrate all data that has been created or modified since the last migration job** option.
        - If you choose to migrate content that has been modified or created based on time, select the **Use a reference time to migrate all data created or modified within** option and specify a time range for this incremental job. Only changes within the specified time range will be migrated. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.
        - If you select the **Only migrate the data that was failed to be migrated in the last migration job** option, only the failed content from the last migration operation will be migrated.

          ***Note**: The **Only migrate the data that was failed to be migrated in the last migration job** option will be available when there is failed content in the last

migration job of a plan and a migration database is configured when you save this plan. This function is not available for an instance plan. To enable this function, set the value of the **notMigrateFailed=" "** parameter to **True** in the SharePoint Migration profile. If the parameter value is **False**, any content changed since the last migration operation will be migrated together with the failed content, no matter which option you selected. Refer to SharePoint Migration Profile Features to edit the profile.

***Note**: Only the failed content in the migration job that is run in the same DocAve version supports being migrated using this function.

***Note:** A Full Migration Job must performed at least once prior to executing an Incremental Migration Job.

***Note**: To perform an incremental migration job, DocAve obtains data from the SharePoint change log. Before you run an incremental migration job, AvePoint recommends you verify the validity and last truncation date (if any) of the relevant change log. For more information, see the MSDN article Using the Change Log.

2. **Conflict Resolution** – Specify the conflict resolution when the item name in the source SharePoint environment conflicts with an existing item name in the destination SharePoint environment. For the **Container Level**, the conflict resolutions provided are **Merge** and **Skip**. **Merge** required you to check the lower objects for conflicts, and configure the **Content Level** conflict resolution. **Skip** provides the configuration of the content level conflict resolution optional. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.
3. **Apps Conflict Resolution** – Specify the conflict resolution when the apps in the source SharePoint environment conflicts with an existing app in the destination SharePoint environment. This setting only appears when the source is a SharePoint 2013 environment. For more detailed information of Apps Conflict Resolution, refer to Appendix C: Conflict Resolution.
4. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all the objects migrated to the destination SharePoint environment at the cost of performance.
5. Click **OK** to run the migration job immediately or click **Cancel** to return to the **Save As New Plan** interface without saving any changes.

About Offline Migrations

An Offline Migration job exports content, configurations, securities, and users from a source environment to an offline storage location, and then imports the data to the destination SharePoint environment when a network between the source and destination is unavailable.

Offline Migration Overview

To perform Offline Migration jobs, the following steps must be performed in this order. Click the link to jump to the corresponding section.

1. Configuring Storage Policies
2. Configuring a SharePoint Offline Migration Profile
    a. Setting Up an Export Profile
    b. Setting Up an Import Profile
    c. Importing Data Exported from Other Managers (Optional)
    d. Editing a Metadata File (Optional)
3. Performing a SharePoint Offline Migration
    a. Exporting Data
        i. Selecting the Source and Destination Nodes
        ii. Select either of the following methods to perform an export job:
            - Configuring the Run Now Interface
            - Configuring the Save As New Plan Interface
    b. Importing Data
        i. Selecting the Source and Destination Nodes
            - Creating Containers
        ii. Select either of the following methods to perform an import job:
            - Configuring the Run Now Interface
            - Configuring the Save As New Plan Interface

Configuring a SharePoint Offline Migration Profile

The Offline Migration Profile allows you to specify and define numerous settings for the migration jobs including Source Component Options, Mapping Options, and Advanced Options. Follow the instructions below to create an offline migration profile. .

Setting Up an Export Profile

Create an Export Profile for SharePoint Migrator offline jobs to configure the source component options.

1. From the **Home** tab, in the **Profile** group, click **Profile Settings**. The **Profile Settings** tab appears.
2. In **Options** group, click **Export Profile**.
3. In the **Profile Management** group, click **New**.
4. Enter a profile name in the pop-up window and click **Save**.
5. Click **Source Component Options** on the left-hand pane.
    a. **Filter Policy** – Select specific object or data within each SharePoint level (Web application down to item level). The default filter policy is set to be none. You may select a previously created filter policy from the drop-down menu or click **New Filter Policy** to create a new filter policy. For more detailed information about the filter policy, refer to the Filter Policy section in the DocAve 6 Control Panel Reference Guide.

    b. **Generate Metadata File** – Generates Excel files with metadata for each list. You can modify the metadata file to add, edit, or delete the metadata of items in batch based on your specified needs. The item and its metadata file can also be deleted.

    Check the **Generate metadata file** checkbox and the **Destination** section appears. Enter a Universal Naming Convention (UNC) path as the location where the metadata file will be stored in the **UNC path** text box. For example, *\\admin-PC\c$\data or \\admin-PC\shared folder*. Then select a managed account profile from the drop-down list that is available to the UNC path. Click **Validation Test** and DocAve will test the path to make sure they are valid.

    For details on modifying the metadata file, refer to the Editing a Metadata File section of this guide.

    c. **Managed Metadata Service Setting** – Choose to migrate the entire associated Managed Metadata Services, the related term sets and all of the terms in these term sets, or the related terms and their parents associated with the source node by selecting the **Migrate Managed Metadata Service** checkbox and one of the following options. Deselect this checkbox to migrate no terms that are related to the source node to the destination.

- **Term** – Migrates the terms and their parents associated directly with the source node to the destination node.
- **Term set** – Migrates the term sets and their parents associated directly with the source node, and all of the terms in the term sets to the destination node. By default, this radio button is selected.
- **Managed Metadata Service** – Migrates the entire Managed Metadata Services associated with the source node to the destination node.

d. **Empty Lists** – Migrate the empty lists and libraries in the source SharePoint environment to the destination SharePoint environment by selecting the **Include empty lists and libraries** checkbox. By default, this checkbox is selected.

***Note**: If you deselect this checkbox, the empty lists and libraries will not be migrated to the destination even if they meet the rules defined in the selected filter policy of the profile.

6. When finished configuring all settings, click **Save** to save the profile. Alternatively, click **Save As** and enter a profile name to save it as another profile.

Setting Up an Import Profile

Create an Import Profile for SharePoint Migrator offline jobs to configure source component options, mapping options and advanced options.

1. From the **Home** tab, in the **Profile** group, click **Profile Settings**. The **Profile Settings** tab appears.
2. In **Options** group, click **Import Profile**.
3. In the **Profile Management** group, click **New**.
4. Enter a profile name in the pop-up window and click **Save**.
5. Select the **Source Component Options** from the left-hand pane.
   - **Alerts** – Migrate the source SharePoint 2007/2010/2013 alerts of different levels to the destination SharePoint 2010/2013/2016 environment by selecting the **Migrate alert of the list, library, folder, item and document level** checkbox.
   - **Workflow** – Select the **Include workflow definition** checkbox to migrate the definition of existing workflows for the selected content from the source node to the destination node. Select the **Include workflow instance** checkbox to also migrate the state, history and tasks of existing workflows for the selected content from the source node to the destination node. The following checkboxes are selectable only if you select this checkbox:
     - **Include completed workflows** – Migrates the state, history, and tasks of completed workflows for the selected content from the source node to the destination node.
     - **Include running workflows** – Migrates the state, history, and tasks of running workflows for the selected content from the source node to the destination

node. This checkbox is optional. If you select this checkbox, the following radio buttons are available:

- **Cancel the running workflows after migration jobs** – Cancels the running workflows for the selected source content in the destination after the migration jobs. By default, this radio button is selected.
- **Cancel and restart the running workflows after migration jobs** – Cancels the running workflows for the selected source content in the destination after the migration jobs. And then restarts the canceled workflows.

***Note**: The workflow instance of a checked-out file will not migrate successfully.

6. Select the **Mapping Options** from the left-hand pane and configure the following mappings.

- **Column Mapping** – Replaces source columns with destination columns.
  - **Use column mapping** – According to the column type, the source column and the destination column can be the same or different. The column can also be changed to Managed Metadata or Lookup. The default column mapping is set to be none. You may select a previously created column mapping from the drop-down menu, or click **New Column Mapping** from the drop-down menu to create a new one. For information on creating a column mapping, see the DocAve 6 Control Panel Reference Guide.

    ***Note**: If you change a column to a lookup column, make sure that the lookup column is only associated with a list or list column that exists in the destination. If you change a source column to a destination column whose values are incompatible with the source column values, make sure to map the corresponding values.

  - **Use existing metadata file** – Apply an existing, edited metadata file.
- **Content Type Mapping** – Replaces source content types with destination content types according to the condition that you set up. The default content type mapping is set to be none. You may select a previously created content type mapping from the drop-down menu, or click **New Content Type Mapping** from the drop-down menu to create a new one. For information on creating a content type mapping, see the DocAve 6 Control Panel Reference Guide.

  ***Note**: SharePoint Migration supports the content type mapping that maps the source OOB (Out of Box) content types to the destination custom content types.

- **Template Mapping** – Replaces site templates and list templates. By inputting or selecting a Template ID, the source template is changed to the destination template. The default template mapping is set to be none. You may select a previously created template mapping from the drop-down menu, or click **New Template Mapping** from the drop-down menu to create a new one. For information on creating a template mapping, see the DocAve 6 Control Panel Reference Guide.

- **User Mapping** – Replaces existing source node username with existing destination node username or a default user name in the destination. The default user mapping is set to be none. You may select a previously created user mapping from the drop-down menu, or click **New User Mapping** from the drop-down menu to create a new one. For information on creating a user mapping, see the DocAve 6 Control Panel Reference Guide.
- **Domain Mapping** – Maps a domain name in the source to a domain name in the destination. The default domain mapping is set to be none. You may select a previously created domain mapping from the drop-down menu, or click **New Domain Mapping** from the drop-down menu to create a new one. For information on creating a domain mapping, see the DocAve 6 Control Panel Reference Guide.
- **Language Mapping** –Displays the destination node in a different language from the source node after the plan has been executed. The default language mapping is set to be none. You may select a previously created language mapping from the drop-down menu, or click **New Language Mapping** from the drop-down menu to create a new one. For information on creating a language mapping, see the DocAve 6 Control Panel Reference Guide.
- **List Name Mapping** – Maps the lists in the source to the specified lists in the destination, or changes the list name to another one. Conditions configured in the list name mapping are optional. The default list name mapping is set to be none. You may select a previously created list name mapping from the drop-down menu, or click **New List Name Mapping** from the drop-down menu to create a new one. For information on creating a list name mapping, see the DocAve 6 Control Panel Reference Guide.

***Note**: If the authentication of the source and destination are different, make sure that you have configured the user mapping or domain mapping to ensure the source users are available in the destination.

7. Select the **Advanced Options** from the left-hand pane and configure the following settings.
   - **Preserve the Null Column Values** – Choose whether or not to preserve the null value of item columns in the source. Some values of the newly created columns may be null for previous items, and this option allows you to choose whether to replace the null value with the default value in the destination.
     - If you select the **Yes** radio button, the null values of item columns (such as newly created columns) are preserved. By default, the **Yes** radio button is selected.
     - If you select the **No** radio button, the null values of item columns (such as newly created columns) are replaced with default values in the destination node.
   - **Change Site Look and Feel** –Change or preserve the look and feel of the destination sites after migrating SharePoint 2007/2010/2013 sites or site collections to SharePoint 2010/2013/2016 sites or site collections. Normally, the manually inputted site or site collection is used as the destination node.
     - If you choose **Change existing SharePoint sites to use the new user experience**, the look and feel of the existing destination sites will be changed and replaced

by that of the source sites after completing the migration job and administrators of the destination site can control the user experience for end users. With this option chosen, one of the following options needs to be selected.

*** Note**: If you choose this option, the property of the source site must be migrated to the destination in SharePoint 2007 to 2010 Offline Migration jobs. Make sure that in the source tree the Property checkbox behind the source site is selected.

- Preserve customized pages, but update template and application pages to use the new UI (User Interface).
- Reset all customized pages to their original templates. This option will delete modifications from customized pages and cannot be undone.

- If you choose **Preserve the look and feel of existing SharePoint sites, and allow end users to update their sites' user experience**, the look and feel of the existing destination sites will be kept after completing the migration job and the end users are allowed to update their sites' user experience in the destination.

- **Folder Structure Management** – Choose whether or not to collapse the folder structure of the source SharePoint 2007/2010/2013 content. If you select the **Collapse folder structure** checkbox, all levels of the folder structure of the source content will be collapsed. All files within the folders will be migrated to the library and merged to the same path in the destination. With this option selected, you can further choose to add a column to keep the source path or parent folder name of the files in the destination. Select the **Add column to keep source path** checkbox and select one of the following options:
  - **Source path** – Select the **Source path** option to record the source path of each document to be the column value. **DocAve Source Path** is provided as the default name of the column, however, you can also customize the name by entering a column name in the text box.
  - **Parent folder** – Select the **Parent folder** option to record the parent folder of each document to be the column value. **Parent Folder Name** is provided as the default name of the column, however, you can also customize the name by entering a column name in the text box.
- **Character Length Settings** – This is used to set character length limitations for SharePoint URL, folder name, and file name.
  - **Maximum length of the SharePoint URL** – The default value is 255 and you can define the value between 1 and 260 characters. The length of the SharePoint URL is calculated from the first character of the managed path, that is **/**. When the folder or file's URL exceeds the limitation, the migration results are as follows:
    - If the folder URL exceeds the limitation, the folder name will be pruned according to the value which is set in **Maximum length of the folder name** first. If the folder URL still exceeds the limitation, the folder and its content will be migrated to the root folder of the destination list. If

there is a file whose URL exceeds the limitation within a folder, the file name will be pruned according to the value which is set in **Maximum length of the file name** first. If the file URL still exceeds the limitation, it will be migrated to the root folder of the destination list.

- If the file URL exceeds the limitation, the file name will be pruned according to the value which is set in **Maximum length of the file name** first. If the file URL still exceeds the limitation, it will be migrated to the root folder of the destination list.

- **Maximum length of the folder name** – The default value is 128 and you can define the value between 1 and 128 characters. If the folder name exceeds the limitation, the extra characters will be pruned from the end. For example, a folder migrated from SharePoint 2007 is named **abcdef** in the source and the value that you set here is 5. The folder will be named **abcde** after the migration.
- **Maximum length of the file name** – The default value is 128 and you can define the value between 1 and 128 characters. If the file name, including the file extension, exceeds the limitation, the extra characters will be pruned from the end. For example, a file is named **abcdef.txt** in the source and the value that you set here is 5. The file will be named **a_0.txt** after the migration. **_0** is used to mark that the file name is pruned.

8. When finished configuring all options, click **Save** to save the profile. Alternatively, click **Save As** and enter a profile name to save it as another profile.

Importing Data Exported from Other Managers

SharePoint Migrator allows you to import data that is exported from other DocAve 6 Managers.

- If you have run an export job using the current Manager, a folder named **data_granular** will have been generated in the specified location of the corresponding storage policy. You must move the desired exported data of other DocAve 6 Managers to the **data_granular** folder in farm level.
- If you run an export job using the current Manager for the first time, create a new storage policy to store the desired exported data of other DocAve 6 Managers.
  - In the specified location of the storage policy, create a folder named **data_granular** and then move the desired exported data of other DocAve 6 Managers to the newly created folder in farm level.
  - Move the **data_granular** folder of other DocAve 6 Managers' export jobs to the specified location of the storage policy.

After importing the exported data of other DocAve 6 Managers to the current Manager, you can configure and run an import job. For detailed information, see the DocAve 6 Control Panel Reference Guide.

Editing a Metadata File

You can add, edit, or delete the metadata file, or perform these actions on metadata files in batch. Follow the steps below to edit the metadata file.

1. In the UNC path where the metadata file is stored, each list generates an Excel file. Open the Excel file named by a list path. The list's columns, items, and their corresponding column values are displayed in the Excel file.
2. You can add, edit, and delete the metadata file in the Excel file.

    - Add the metadata: add a column, specify its column type and set a value for the item in the Excel file.

      For example, add a new column next to the existing column on the first row, enter **Comments: = Multiple lines of text** and set the value of an item as **It needs to be updated**. Here **Comments** is the column name; **Multiple lines of text** is the column type; **It needs to be updated** is the corresponding value for the item. After the import job, the column Comments and the value will be added as new metadata for the item.

    - Edit the metadata. Edit the column type of an item and modify the corresponding value in the Excel file.

      For example, in the Excel file, there is a column named **Name: = Single line of text**. The column value of an item is **Document A**. You can modify the column value by modifying the value **Document A** to **Document B**. After the import job, the item name will be displayed as **Document B** in the destination.

      ***Note**: If you edit the column that is a **Lookup** column and gets information from **Shared Documents** library, configure settings for the column based on the following situations:

        - In the XML file used for the import job, if the value of the **isLoadBuildInListTitleMapping=" "** parameter is **True**, change **Shared Documents** to **Documents**.
        - In the XML file used for the import job, if the value of the **isLoadBuildInListTitleMapping=" "** parameter is **False**, keep the **Shared Documents** value.

    - Delete the metadata. Delete the column name, column type of an item and the corresponding value in the Excel file.

      For example, in the Excel file, the column name, column type of an item is **Title: = Single line of text** and the corresponding value is **Custom List**. If you do not wish this column Title and the value for this item to be associated with the item in the destination after being imported, delete the column name, column type and the corresponding value from the cells.

- Rename the metadata. Rename the column name in the Excel file.

  For example, in the Excel file, there is a column named **Title: = Single line of text**. The column name is displayed as **Title** in the source. You can rename the column name by modifying the column **Title: = Single line of text** to **Name: = Single line of text**. After the import job, the column name will be displayed as **Name** in the destination.

  ***Note**: This function does not support renaming columns of Choice type.

Performing a SharePoint Offline Migration

SharePoint Migrator allows you to migrate the SharePoint 2007/2010/2013 data to an offline destination by exporting your desired source SharePoint 2007/2010/2013 data to a physical device, and then import the exported data to the specified SharePoint 2010/2013/2016 node.

Exporting Data

The following sections describe how to export data to the Storage Policy in order to perform an offline migration job.

Selecting the Source and Destination Nodes

SharePoint Migration supports exporting data from SharePoint 2007/2010/2013 to the storage policy.

1. From the **Home** tab, in the **Plan** group, click **Export**.
2. In the **Source** pane, click the farm name to expand the data tree.
   a. Find the node whose data you wish to migrate.

      If working with a large environment, enter the keyword of the node (for example, site URL, site title, and site, list, or item name) into the **Input Keyword** text box to search for the desired node. You can only search out the nodes whose name is displayed in the currently expanded tree. The nodes that are not displayed in the expanded tree cannot be searched. After entering a keyword, the search result will be displayed.

      Optionally, use the Advanced Search function to search the desired nodes by the configured search criteria. Right-click a Web application, Sites, or Lists node and select the **Advanced Search** option from the drop-down menu, the **Advanced Search** pop-up window appears. You can use the Advanced Search function to search for site collections, sites, or lists and libraries.

   b. Select the source node by selecting the corresponding radio button or checkbox.

      ***Note**: The Web application radio buttons in the data tree can be deselected even when the nodes under them are selected.

c. Select the corresponding **Security** and/or **Property** checkbox behind a source node to migrate the security and/or property of the source node to the destination node.

3. In the **Destination** pane, select a previously configured storage policy from the drop-down list or click **New Storage Policy** to create a new one. For details on creating a storage policy, refer to Configuring Storage Policies.

4. When finished selecting the nodes, select one of the following options:

   - Click **Run Now** to perform a migration job immediately, and then the **Run Now** interface appears. For more information, see the Configuring the Run Now Interface section of this guide.
   - Click **Save As New Plan** to save the settings as a new plan, and then the **Save As New Plan** interface appears. For more information, see the Configuring the Save As New Plan Interface section of this guide.

Configuring the Run Now Interface

In the **Run Now** interface, configure the settings below:

1. **Options** – Choose the migration mode for this migration job.

   - **Full migration** – Exports all contents from the source node to the Storage Policy.
   - **Incremental migration** – Only exports the added and/or modified content to the Storage Policy based on time.

     To migrate the modified content based on time, specify the time range in the **Incremental Type** field, and only the changes within the specified time range will be exported. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.

     ***Note:** A Full Migration Job must performed at least once prior to executing an Incremental Migration Job.

     ***Note**: To perform an incremental migration job, DocAve obtains data from the SharePoint change log. Before you run an incremental migration job, AvePoint recommends you verify the validity and last truncation date (if any) of the relevant change log. For more information, see the MSDN article Using the Change Log.

2. **Profile Selection** – Configure the source component options for the export job. Select a previously configured profile from the drop-down list. SharePoint Migration provides you a default profile named **Default Profile**.

3. **Agent Group** – Select a source Agent group for this offline migration plan from the drop-down list. For details on creating an Agent group, refer to the DocAve 6 Control Panel Reference Guide.

4. **Notification** –Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification**

Profile from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.

5. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all the objects migrated to the destination SharePoint environment, but may affect performance.
6. Click **OK** to run the job immediately or click **Cancel** to return to the **Home** page of Export.

Configuring the Save As New Plan Interface

In the **Save As New Plan** interface, configure the following settings:

1. **Plan Name** – Enter a **Name** for the plan that you are about to create. Then enter an optional **Description** for future references.
2. **Profile Selection** – Configure source component options for the export job. Select a previously configured profile from the drop-down list. SharePoint Migration provides you a default profile named **Default Profile (default)**.
3. **Agent Group** – Select a source Agent group for this offline migration plan from the drop-down list. For details regarding creating an Agent group, refer to the DocAve 6 Control Panel Reference Guide.
4. **Schedule Selection** – Select one type of schedule to run the plan.
    - **No schedule** – Select this option to run the plan manually.
    - **Configure the schedule myself** – Select this option and the **Schedule Settings** section appears under the **Schedule Selection** section.

      For more information, see the Configuring the Add Schedule Interface section of this guide.
5. **Notification** – Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification Profile** from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.
6. **Associated Plan Group** – Select associated plan groups or create a new plan group in the Associated plan group(s) drop-down list in order to make the plan run according to the selected plan group settings. For more information on plan groups, refer to the DocAve 6 Control Panel Reference Guide.
7. When finished configuring the plan, select one of the following options:
    - Click **Save** and then select **Save** to save the plan.
    - Click **Save** and then select **Save and Run Now** to save the plan and execute it right away. And the **Run Now** interface appears. For detailed information on configuring the Run Now interface, refer to the Configuring the Run Now Interface section of this guide.

Configuring the Add Schedule Interface

Click **Add Schedule** and the **Add Schedule** interface appears. Configure the following settings:

1. **Options** – Select a type of migration for the customized schedule.
    - Choose **Full migration** to export all contents from the source node to the Storage Policy according to the profile.
    - Choose **Incremental migration** to only export the added and/or modified content to the Storage Policy based on content or time.
        - If you choose to export the modified content based on content, make sure that you have run a full migration job and select the **Incremental migration** radio button only.
        - If you choose to export the modified content based on time, select the **Migrate changes within:** checkbox to specify the time range, and only the changes within the specified time range will be migrated. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.

    ***Note:** A Full Migration Job must performed at least once prior to executing an Incremental Migration Job.

    ***Note**: To perform an incremental migration job, DocAve obtains data from the SharePoint change log. Before you run an incremental migration job, AvePoint recommends you verify the validity and last truncation date (if any) of the relevant change log. For more information, see the MSDN article Using the Change Log.
2. **Schedule Settings** – Specify the frequency to run the recurring schedule. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.
3. **Range of Recurrence** – Configure when to start and end the running recurring schedule by selecting **Start time** and one of the end time options (b., c. or d.) below.
    a. **Start time** – Set up the time to start the plan and Time Zone can be changed under the Start time. Note that the start time cannot be earlier than the current time.
    b. **No end date** – Select this option to repeat running the plan until it is stopped manually.
    c. **End after specified occurrence(s)** – Select this option to stop the plan after a specified number of occurrences that you enter in the text box.
    d. **End by** – Set up the time to end the recurrence of plans.
4. Click **Save** to save the configuration of schedule, or click **Cancel** to return to the **Save As New Plan** interface without saving any change.
5. Click **Calendar View** to preview the previously configured schedule in a calendar.
6. You can delete a previously configured schedule by clicking ✕ behind a corresponding schedule.

Configuring the Run Now Interface

In the **Run Now** interface, configure the settings below:

1. **Options** – Choose the migration mode for this migration job.

    - **Full migration** – Exports all contents from the source node to the Storage Policy.
    - **Incremental migration** –Only exports the modified content (add and modify) to the Storage Policy based on content or time.
        - If you choose to export the modified content based on content, make sure that you have run a full migration job and select the **Incremental migration** radio button only.
        - If you choose to export the modified content based on time, select the **Migrate changes within:** checkbox to specify the time range, and only the changes within the specified time range will be migrated. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.

    *__Note:__ A Full Migration Job must performed at least once prior to executing an Incremental Migration Job.

    ***Note**: To perform an incremental migration job, DocAve obtains data from the SharePoint change log. Before you run an incremental migration job, AvePoint recommends you verify the validity and last truncation date (if any) of the relevant change log. For more information, see the MSDN article Using the Change Log.

2. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all the objects migrated to the destination SharePoint environment at the cost of performance.
3. Click **OK** to run the export migration job, or click **Cancel** to return to the **Save As New Plan** interface without saving any change.

Importing Data

The following sections describe how to import the exported data to the destination SharePoint 2010/2013/2016 node.

Selecting the Source and Destination Nodes

SharePoint Migration supports importing data from SharePoint 2007 to SharePoint 2010, from SharePoint 2007 to SharePoint 2013, from SharePoint 2007 to SharePoint 2016, from SharePoint 2010 to SharePoint 2013, from SharePoint 2010 to SharePoint 2016, and from SharePoint 2013 to SharePoint 2016.

1. From the **Home** tab, in the **Plan** group, click **Import**.
2. In the **Source** pane, follow the steps below to select the source node whose data you wish to import.
    a. On the **Browse** tab, click the farm from which you have exported the data.

b. Target the specified location where the exported data is stored by selecting the folder named by Job ID.

c. Click **View Details** to switch to the **Details** tab, and then select the checkbox of the node you want to import. If the exported data that you selected is in an incremental migration job, the **Show historical data** checkbox appears above the farm name. This option shows the incremental data as well as the exported data of the latest full migration job for the same plan on the tree. With the **Show historical data** checkbox selected, you can select the checkbox of the data you want to import. The full migration data and the incremental migration data is distinguished by the job start time displayed next to the node: the earlier time is that of the latest full migration data.

d. Select the corresponding **Security** and/or **Property** checkbox of a source node to migrate the security and/or property of the source node to the destination node.

e. To quickly search the exported data you wish to import, click the **Plan Filter**, **Job Filter** or **Time Range** tab to further specify the rules for your desired exported data. Then click **Filter**, and the exported data that meet the criteria will be filtered. Click **Reset** to reset the filter rules.

3. In the **Destination** pane, click the farm name to expand the data tree.

   a. Find the node that you wish to import the exported data to.

      If working with a large environment, enter the keyword of the node into the **Input Keyword** text box to search for the desired node. You can only search out the nodes whose name is displayed in the currently expanded tree. The nodes which are not displayed in the expanded tree cannot be searched. After entering the keyword, the search result will be displayed.

      Optionally, use the Advanced Search function to search the desired nodes by the configured search criteria. Right-click a Web application, Sites, or Lists node and select the **Advanced Search** option from the drop-down menu, the **Advanced Search** pop-up window appears. You can use the Advanced Search function to search for site collections, sites, lists, or libraries.

   b. Select the destination node by selecting the corresponding radio button. You can also create a new site collection, site, list or folder by entering the specified name and click **Create Container**. For details on creating containers, refer to Creating Containers.

4. In the **Action and Preview** pane, choose **Attach** to migrate the source node as a child underneath the chosen destination node. Alternatively, choose **Merge** to add the content, security, and configuration of the source to the selected destination node. The table below shows when Attach and/or Merge are available to choose.

M: Merge

A: Attach

X: Unsupported.

		Destination					
		Web Application	Site Collection	Top-level Site	Site	List	Folder
Source	Web Application	M	X	X	X	X	X
	Site Collection	A	M	X	X	X	X
	Top-level Site	X	A	M/A	M/A	X	X
	Site	X	A	M/A	M/A	X	X
	List	X	X	A	A	M	X
	Folder	X	X	X	X	A	M/A
	App	X	X	A	A	X	X

To see what the data tree of the destination node will be look like after the job is executed, click **Preview**. Only the SharePoint objects down to the site level can be previewed in the destination tree.

5. When finished configuring the job, select one of the following options:
    - Click **Run Now** to perform a migration job immediately. The **Run Now** interface appears. For more information, see the Configuring the Run Now Interface section of this guide.
    - Click **Save As New Plan** to save the settings as a new plan, and then the **Save As New Plan** interface appears. For more information, see the Configuring the Save As New Plan Interface section of this guide.

Configuring the Run Now Interface

In the **Run Now** interface, configure the settings below:

1. **Conflict Resolution** – Specify the conflict resolution when the item name in SharePoint 2007/2010/2013 conflicts with an existing item name in SharePoint 2010/2013/2016. For the **Container Level**, the available conflict resolutions are **Merge** and **Skip**. Merge requires you to check objects lower in the hierarchy for conflicts, and configure content level conflict resolution. Skip makes the configuration of the **Content Level** resolution optional. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.
2. **Apps Conflict Resolution** – Specify the conflict resolution when the apps in the source SharePoint environment conflicts with an existing app in the destination SharePoint environment. This setting only appears when the source is a SharePoint 2013 environment. For more detailed information of Apps Conflict Resolution, refer to Appendix C: Conflict Resolution.
3. **Profile Selection** – Configure the related source component options, mapping options, and advanced options for the import job. Select a previously configured profile from the drop-down list. SharePoint Migration provides you a default profile named **Default Profile**.

4. **Agent Group** – Select a destination Agent group for this migration plan from the drop-down list. For details on creating an Agent group, refer to the DocAve 6 Control Panel Reference Guide.
5. **Notification** – Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification Profile** from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.
6. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all the objects migrated to the destination SharePoint environment, but may affect performance.
7. Click **OK** to run the job immediately or click **Cancel** to return to the **Home** page of Import.

Configuring the Save As New Plan Interface

In the **Save As New Plan** interface, configure the following settings:

1. **Plan Name** – Enter a **Name** for the plan that you are about to create. Then enter an optional **Description** for future references.
2. **Profile Selection** – Configure the related source component options, mapping options, and advanced options for the import job. Select a previously configured profile from the drop-down list to apply the migration settings to the migration job. SharePoint Migration provides you a default profile named **Default Profile (default)**.
3. **Agent Group** – Select a destination Agent group for this migration plan from the drop-down list. For details regarding creating an Agent group, refer to the DocAve 6 Control Panel Reference Guide.
4. **Schedule Selection** – Select one type of schedule to run the plan.
    - **No schedule** – Select this option to run the plan manually.
    - **Configure the schedule myself** – Select this option and the Schedule Settings section appears under the Schedule Selection section.

      For more information, see the Configuring the Add Schedule Interface section of this guide.
5. **Notification** – Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification Profile** from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.
6. **Associated Plan Group** – Select associated plan groups or create a new plan group in the **Associated plan group(s)** drop-down list in order to make the plan run according to the selected plan group settings. For more information on plan groups, refer to the DocAve 6 Control Panel Reference Guide.
7. When finished configuring the plan, select one of the following options:
    - Click **Save** and then select **Save** to save the plan.

- Click **Save** and then select **Save and Run Now** to save the plan and execute it right away. And the **Run Now** interface appears. For detailed information on configuring the **Run Now** interface, refer to the Configuring the Run Now Interface section of this guide.

Configuring the Add Schedule Interface

Click **Add Schedule** and the **Add Schedule** interface pops up. Configure the following settings.

1. **Conflict Resolution** – Specify the conflict resolution when the item name in SharePoint 2007/2010/2013 conflicts with an existing item name in SharePoint 2010/2013/2016. For the **Container Level**, the available conflict resolutions are **Merge** and **Skip**. **Merge** requires you to check objects lower in the hierarchy for conflicts, and configure content level conflict resolution. **Skip** makes the configuration of the **Content Level** resolution optional. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.
2. **Apps Conflict Resolution** – Specify the conflict resolution when the apps in the source SharePoint environment conflicts with an existing app in the destination SharePoint environment. This setting only appears when the source is a SharePoint 2013 environment. For more detailed information of Apps Conflict Resolution, refer to Appendix C: Conflict Resolution.
3. **Schedule Settings** – Specify the frequency to run the recurring schedule. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.
4. **Range of Recurrence** – Configure when to start and end the running recurring schedule by selecting **Start time** and one of the end time options (b., c. or d.) below.
    a. **Start time** – Set up the time to start the plan and Time Zone can be changed under the Start time. Note that the start time cannot be earlier than the current time.
    b. **No end date** – Select this option to repeat running the plan until it is stopped manually.
    c. **End after specified occurrence(s)** – Select this option to stop the plan after a number of specified occurrences that you enter in the text box.
    d. **End by** – Set up the time to end the recurrence of plans.
5. Click **Save** to save the configuration of schedule, or click **Cancel** to return to the **Save As New Plan** interface without saving any change.
6. Click **Calendar View** to preview the previously configured schedule in a calendar.
7. You can delete a previously configured schedule by clicking ✕ behind a corresponding schedule.

Configuring the Run Now Interface

In the **Run Now** interface, configure the settings below:

1. **Conflict Resolution** – Specify the conflict resolution when the item name in SharePoint 2007/2010/2013 conflicts with an existing item name in SharePoint 2010/2013/2016. For the **Container Level**, the conflict resolutions provided are **Merge** and **Skip**. **Merge** requires you to check lower objects for conflicts, and configure content level conflict resolution. **Skip** provides the configuration of the **Content Level** resolution optional. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.

2. **Apps Conflict Resolution** – Specify the conflict resolution when the apps in the source SharePoint environment conflicts with an existing app in the destination SharePoint environment. This setting only appears when the source is a SharePoint 2013 environment. For more detailed information of Apps Conflict Resolution, refer to Appendix C: Conflict Resolution.
3. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all the objects migrated to the destination SharePoint environment at the cost of performance.
4. Click **OK** to run the import migration job, or click **Cancel** to return to the **Save As New Plan** interface without saving any change.

About High Speed Migrations

A SharePoint High Speed Migration job allows you to export SharePoint data to an export location. The exported data must be manually uploaded from the export location to Microsoft Azure. Uploaded data must have MD5 hash values in Microsoft Azure in order to be imported to SharePoint Online. After applying MD5 hash values to the data in Microsoft Azure, you will import the data to SharePoint Online from Microsoft Azure.

High Speed Migration Overview

To perform High Speed Migration jobs, the following steps must be performed. Click the link to jump to the corresponding section.

1. Configuring Staging Locations
2. Configuring Azure Locations
3. Setting Up a High Speed Export Profile
4. Setting Up a High Speed Import Profile
5. Performing a SharePoint High Speed Migration
    a. Exporting Data
        i. Selecting the Source and Destination Nodes
        ii. Configuring the Save As New Plan Interface
        iii. Configuring the Add Schedule Interface (Optional)
        iv. Configuring the Run Now Interface
    b. Uploading Exported Data to Microsoft Azure
        - Use the Azure Data Upload tool (Recommended)
        - Use the Microsoft Azure Import/Export tool and MD5 Value Generator tool
    c. Importing Data
        i. Selecting the Source and Destination Nodes
        ii. Configuring the Save As New Plan Interface
        iii. Configuring the Add Schedule Interface (Optional)
        iv. Configuring the Run Now Interface

Setting Up a High Speed Export Profile

Create an Export Profile for SharePoint High Speed Migration to configure the source component options.

1. From the **Home** tab, in the **Profile** group, click **Profile Settings**. The **Profile Settings** tab appears.
2. In **Options** group, click **Export Profile**.
3. In the **Profile Management** group, click **New**.
4. Enter a profile name in the pop-up window and click **Save**.
5. Click **Source Component Options** on the left-hand pane.
    a. **Filter Policy** – Select specific object or data within each SharePoint level (site collection down to list level). The default filter policy is set to be none. You may select a previously created filter policy from the drop-down menu or click **New Filter Policy** to create a new filter policy. For more detailed information about the filter policy, refer to the Filter Policy section in the DocAve 6 Control Panel Reference Guide.
    b. **Managed Metadata Service Setting** – Choose to migrate the entire associated Managed Metadata Services, the related term sets and all of the terms in these term sets, or the related terms and their parents associated with the source node by selecting the **Migrate Managed Metadata Service** checkbox and one of the following options. Deselect this checkbox to migrate no terms that are related to the source node to the destination.
        - **Term** – Migrates the terms and their parents associated directly with the source node to the destination node.
        - **Term set** – Migrates the term sets and their parents associated directly with the source node, and all of the terms in the term sets to the destination node. By default, this radio button is selected.
        - **Managed Metadata Service** – Migrates the entire Managed Metadata Services associated with the source node to the destination node.
    c. **Empty Lists** – Migrate the empty lists and libraries in the source SharePoint environment to the destination SharePoint environment by selecting the **Include empty lists and libraries** checkbox. By default, this checkbox is selected.

        ***Note**: If you deselect this checkbox, the empty lists and libraries will not be migrated to the destination even if they meet the rules defined in the selected filter policy of the profile.
6. When finished configuring all settings, click **Save** to save the profile. Alternatively, click **Save As** and enter a profile name to save it as another profile.

Setting Up a High Speed Import Profile

Create an Import Profile for SharePoint High Speed Migration to configure source component options and mapping options.

1. From the **Home** tab, in the **Profile** group, click **Profile Settings**. The **Profile Settings** tab appears.
2. In **Options** group, click **Import Profile**.
3. In the **Profile Management** group, click **New**.
4. Enter a profile name in the pop-up window and click **Save**.
5. Select the **Source Component Options** from the left-hand pane. Select the **Include workflow definition** checkbox to migrate the definition of existing workflows for the selected content from the source node to the destination node.
6. Select the **Mapping Options** from the left-hand pane and configure the following mappings:
    - **User Mapping** – Replaces existing source node username with existing destination node username. The default user mapping is set to be none. You may select a previously created user mapping from the drop-down menu, or click **New User Mapping** from the drop-down menu to create a new one. For information on creating a user mapping, see the DocAve 6 Control Panel Reference Guide.

      ***Note**: SharePoint High Speed Migration does not support configuring default user or place holder account when configuring a user mapping.

    - **Domain Mapping** – Maps a domain name in the source to a domain name in the destination. The default domain mapping is set to be none. You may select a previously created domain mapping from the drop-down menu, or click **New Domain Mapping** from the drop-down menu to create a new one. For information on creating a domain mapping, see the DocAve 6 Control Panel Reference Guide.

    ***Note**: If the authentication of the source and destination are different, make sure that you have configured the user mapping or domain mapping to ensure the source users are available in the destination.

7. When you finish configuring all settings, click **Save** to save the profile. Alternatively, click **Save As** and enter a profile name to save it as another profile.

Performing a SharePoint High Speed Migration

Exporting Data

The following sections describe how to export data to the export location in order to perform High Speed Migration job.

Selecting the Source and Destination Nodes

SharePoint High Speed Migration supports exporting data from SharePoint 2007, SharePoint 2010, or SharePoint 2013 to a staging location.

1. From the **Home** tab, in the **Plan Management** group, click **Export**.
2. In the **Source** pane, click the farm name to expand the data tree.
    a. Find the node whose data you wish to migrate.

    If working with a large environment, enter the keyword of the node (for example, site URL, site title, and site or list name) into the **Input Keyword** text box to search for the desired node. You can only search out the nodes whose name is displayed in the currently expanded tree. The nodes that are not displayed in the expanded tree cannot be searched. After entering a keyword, the search result will be displayed.

    Optionally, use the Advanced Search function to search the desired nodes by the configured search criteria. Right-click a farm, Web application, Sites, or Lists node and select the **Advanced Search** option from the drop-down menu, the **Advanced Search** pop-up window appears. You can use the Advanced Search function to search for Web applications, site collections, sites, or lists and libraries.

    b. Select the source node by selecting the corresponding radio button or checkbox.

    ***Note**: The Web application radio buttons in the data tree can be deselected even when the nodes under them are selected.

    c. Select the corresponding **Security** and/or **Property** checkbox behind a source node to migrate the security and/or property of the source node to the destination node.
3. In the **Destination** pane, select a previously configured export location from the drop-down list or click **New Export Location** to create a new one. For details on creating an export location, refer to Creating and Editing Staging Locations.
4. When finished selecting the nodes, click **Save As New Plan** to save the settings as a new plan, and then the **Save As New Plan** interface appears. For more information, see the Configuring the Save As New Plan Interface section of this guide.

Configuring the Save As New Plan Interface

On the **Save As New Plan** interface, configure the following settings:

1. **Plan Name** – Enter a **Plan Name** for the plan that you are about to create. Then enter an optional **Description** for future references.
2. **Profile Selection** – Configure source component options for the High Speed Migration export job. Select a previously configured profile from the drop-down list. SharePoint Migration provides you a default profile named **Default Profile (default)**.

3. **Agent Group** – Select a source Agent group for this offline migration plan from the drop-down list. For details regarding creating an Agent group, refer to the DocAve 6 Control Panel Reference Guide.
4. **Schedule Selection** – Select one type of schedule to run the plan.
    - **No schedule** – Select this option to run the plan manually.
    - **Configure the schedule myself** – Select this option and the **Schedule Settings** section appears under the **Schedule Selection** section.

      For more information, see the Configuring the Add Schedule Interface section of this guide.
5. **Notification** – Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification Profile** from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.
6. **Associated Plan Group** – Select associated plan groups or create a new plan group from the **Associated Plan Group(s)** drop-down list in order to make the plan run according to the selected plan group settings. For more information on plan groups, refer to the DocAve 6 Control Panel Reference Guide.
7. When finished configuring the plan, select one of the following options:
    - Click **Save** and then select **Save** to save the plan.
    - Click **Save** and then select **Save and Run Now** to save the plan and execute it right away. The **Run Now** interface appears. For detailed information on configuring the **Run Now** interface, refer to the Configuring the Run Now Interface section of this guide.

Configuring the Add Schedule Interface

Click **Add Schedule** and the **Add Schedule** interface appears. Configure the following settings:

1. **Options** – **Full migration** is selected as the migration type.
2. **Schedule Settings** – Specify the frequency to run the recurring schedule. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.
3. **Range of Recurrence** – Configure when to start and end the running recurring schedule by selecting **Start time** and one of the end time options (b., c. or d.) below.
    a. **Start time** – Set up the time to start the plan and Time Zone can be changed under the Start time. Note that the start time cannot be earlier than the current time.
    b. **No end date** – Select this option to repeat running the plan until it is stopped manually.
    c. **End after specified occurrence(s)** – Select this option to stop the plan after a specified number of occurrences that you enter in the text box.
    d. **End by** – Set up the time to end the recurrence of plans.

4. Click **Save** to save the configuration of schedule, or click **Cancel** to return to the **Save As New Plan** interface without saving any change.
5. Click **Calendar View** to preview the previously configured schedule in a calendar.
6. You can delete a previously configured schedule by clicking behind a corresponding schedule.

Configuring the Run Now Interface

On the **Run Now** interface, configure the following settings:

1. **Options** – **Full migration** is selected as the migration type.
2. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all the objects migrated to the destination SharePoint environment at the cost of performance.
3. Click **OK** to run the export migration job, or click **Cancel** to return to the **Save As New Plan** interface without saving any change.

Uploading Exported Data to Microsoft Azure

After you export data using a SharePoint High Speed Migration Export job, the exported data must be manually uploaded to Microsoft Azure. Then, the uploaded data that has MD5 hash value in Microsoft Azure can be imported to SharePoint Online using a SharePoint High Speed Migration Import job.

The following tools are available to upload the exported data to Microsoft Azure:

- AvePoint recommends you use the Azure Data Upload tool, which will automatically create BLOB containers in Microsoft Azure, and upload the exported data to BLOB containers as BLOBs. The tool will generate a unique MD5 hash value for each BLOB.

  For more information about the Azure Data Upload tool, refer to AvePoint High Speed Migration Supplementary Tools User Guide.

- Use the Microsoft Azure Import/Export tool to copy the exported data to the hard drives that you are going to ship to a Microsoft Azure data center and send the hard drives to Microsoft. After the data in hard drives has been uploaded to Microsoft Azure by Microsoft, you have to use the MD5 Value Generator tool to update MD5 hash values for the uploaded data in Microsoft Azure.

  For more information about the Microsoft Azure Import/Export tool, refer to Azure Import/Export Tool Reference.

  For more information about the MD5 Value Generator tool, refer to AvePoint High Speed Migration Supplementary Tools User Guide.

Importing Data

The following sections describe how to import the exported data to the destination SharePoint Online node.

***Note**: Before importing data, make sure the source data exported to the export location has been uploaded to the Microsoft Azure.

Selecting the Source and Destination Nodes

SharePoint High Speed Migration supports importing data from Microsoft Azure location to SharePoint Online.

1. From the **Home** tab, in the **Plan Management** group, click **Import**.
2. In the **Source** pane, follow the steps below to select the source node whose data you wish to import.
    a. On the **Browse** tab, click the Microsoft Azure location where the data you want to import.
    b. Target the specified High Speed Migration Export job that exports the data you want to import by selecting the Job ID under the corresponding plan.
    c. Switch to the **Details** tab, the data tree that is selected in the plan will be displayed.
3. In the **Destination** pane, click **My Registered Sites** to expand the data tree.
    a. Find the node where you want to import the exported data. If working with a large environment, enter the keyword of the node into the **Input Keyword** text box to search for the desired node. You can only search out the nodes whose name is displayed in the currently expanded tree. The nodes which are not displayed in the expanded tree cannot be searched. When entering the keyword, the search result will be displayed with a little time.
    b. Select the destination node by selecting the corresponding radio button. You can also create a site, list or folder by entering the specified name and click **Create Container**. SharePoint High Speed Migration allows you to create one or more SharePoint Online site collections in the destination using the Create Container function when running a migration job. For details on creating containers, refer to Creating Containers.
4. In the **Action** pane, choose **Attach** to migrate the source node as a child underneath the chosen destination node. Alternatively, choose **Merge** to add the content, security, and configuration of the source to the selected destination node. The table below shows when Attach and/or Merge are available to choose.

    M: Merge **A**: Attach **X**: Unsupported.

		Destination			
		Site Collection	Top-level Site	Site	List
Source	Site Collection	M	X	X	X
	Top-level Site	A	M/A	M/A	X
	Site	A	M/A	M/A	X

	List	X	A	A	M

5. Click **Save As New Plan** to save the settings as a new plan, and then the **Save As New Plan** interface appears. For more information, refer to Configuring the Save As New Plan Interface.

Configuring the Save As New Plan Interface

On the **Save As New Plan** interface, configure the following settings:

1. **Plan Name** – Enter a **Plan Name** for the plan that you are about to create. Then enter an optional **Description** for future references.
2. **Profile Selection** – Select a previously configured profile from the drop-down list to apply the migration settings to the migration job. SharePoint Migration provides you a default profile named **Default Profile (default)**. You can also click **New Profile** to create a new one.
3. **Schedule Selection** – Select one type of schedule to run the plan.
    - **No schedule** – Select this option to run the plan manually.
    - **Configure the schedule myself** – Select this option and the **Schedule Settings** section appears under the **Schedule Selection** section.

      For more information, see the Configuring the Add Schedule Interface section of this guide.
4. **Notification** – Designate DocAve users to receive e-mail notifications containing reports. Select a previously configured notification profile from the drop-down list, or click **New Notification Profile** from the drop-down list to create a new one. For more information on working with notification profiles, refer to the DocAve 6 Control Panel Reference Guide.
5. **Associated Plan Group** – Select associated plan groups or create a new plan group in the **Associated plan group(s)** drop-down list in order to make the plan run according to the selected plan group settings. For more information on plan groups, refer to the DocAve 6 Control Panel Reference Guide.
6. When finished configuring the plan, select one of the following options:
    - Click **Save** and then select **Save** to save the plan.
    - Click **Save** and then select **Save and Run Now** to save the plan and execute it right away. And the **Run Now** interface appears. For detailed information on configuring the **Run Now** interface, refer to the Configuring the Run Now Interface section of this guide.

Configuring the Add Schedule Interface

Click **Add Schedule** and the **Add Schedule** interface appears. Configure the following settings.

1. **Options** – **Full migration** is selected as the migration type.

   You can run an incremental migration job for a SharePoint High Speed Migration to migrate the added and/or modified content based on time. Navigate to the SharePoint Online Migration interface, and select the same source and destination nodes with the SharePoint High Speed

Migration. Configure the **Run Now** interface to run an incremental migration job. For more details, refer to Configuring the Run Now Interface.

2. **Conflict Resolution** – Conflict Resolution determines the action that DocAve takes when an object name in the source node is identical to an object name in the destination node.

   High Speed Migration only supports configuring the Container Level conflict resolution, the available conflict resolutions are **Merge** and **Skip**. The Content Level conflict resolution is overwrite. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.

3. **Schedule Settings** – Specify the frequency to run the recurring schedule. Enter an integer into the text box and select **Minute(s)**, **Hour(s)**, **Day(s)**, **Week(s)** or **Month(s)** from the drop-down list.
4. **Range of Recurrence** – Configure when to start and end the running recurring schedule by selecting **Start time** and one of the end time options (b., c. or d.) below.
   a. **Start time** – Set up the time to start the plan and Time Zone can be changed under the Start time. Note that the start time cannot be earlier than the current time.
   b. **No end date** – Select this option to repeat running the plan until it is stopped manually.
   c. **End after specified occurrence(s)** – Select this option to stop the plan after a number of specified occurrences that you enter in the text box.
   d. **End by** – Set up the time to end the recurrence of plans.
5. Click **Save** to save the configuration of schedule, or click **Cancel** to return to the **Save As New Plan** interface without saving any change.
6. Click **Calendar View** to preview the previously configured schedule in a calendar.
7. You can delete a previously configured schedule by clicking behind a corresponding schedule.

Configuring the Run Now Interface

In the **Run Now** interface, configure the settings below:

1. **Conflict Resolution** – Conflict Resolution determines the action that DocAve takes when an object name in the source node is identical to an object name in the destination node.

   High Speed Migration only supports configuring the Container Level conflict resolution, the available conflict resolutions are **Merge** and **Skip**. The Content Level conflict resolution is overwrite. For more detailed information of Conflict Resolution, refer to Appendix C: Conflict Resolution.

2. **Job Report** – Select the level of the Job Report. **Simplified** creates a summary of the content migrated to the destination SharePoint environment. **Detailed** creates a full list of all the objects migrated to the destination SharePoint environment at the cost of performance.
3. Click **OK** to run the import migration job, or click **Cancel** to go back to the **Save As New Plan** interface without saving any change.

Managing Profiles

Refer to the information below to manage profiles.

Uploading a Previously Configured Profile

1. In the **Profile Settings** interface, click **Upload Profile** in the **Upload/Download** group.
2. In the pop-up window, select a previously created profile and click **Open** to upload it. If a profile with the same name exists in DocAve, you have two options:
    - **Upload as a new profile named "Profile Name_1" –** Upload the profile and name the uploaded profile by adding a suffix, for example, *profile_1*.
    - **Overwrite current profile** – Replace the existing profile. The Default Profile cannot be overwritten.

Downloading an Existing Profile

1. In the **Profile Settings** interface, select the profile that you want to download in the **Online/Export/Import Profile** drop-down menu.
2. Click **Download Profile** in the **Upload/Download** group.
3. In the pop-up window, select the location where you want to store this profile and click **Save** to save the profile to the location you specified.
4. You can edit parameter values to enable extra features in the SharePoint Migration profile. For more information, refer to Appendix B: Advanced Settings for SharePoint Migration.

Managing Plans

You can use Plan Manager to manage the SharePoint Migration plans. After launching SharePoint Migration, click **Plan Manager** next to the **Home** tab. In the **Plan Manager** interface, any plans that you have previously created are displayed in the main display pane.

In this interface, you can change the number of plans displayed per page. To change the number of plans displayed per page, select the desired number from the **Show rows** drop-down menu in the lower right-hand corner. To sort the plans, click the column heading such as **Plan Name**, and **Plan ID**.

Plan Manager Actions

Perform the following actions in the **Plan Manager** interface:

- Select a plan and click **View Details**. The source node and the destination node are displayed on the data tree. You can also click **Settings** on the ribbon to view the migration settings of this plan. When you want to change the nodes you selected or want to modify the migration settings, click **Edit** on the ribbon.
- Select a plan and click **Edit** on the ribbon to change the configurations for the selected plan. You can change the nodes you selected and modify the migration settings. Additionally, you can click **Profile Settings** or **Create Container** to performing the corresponding actions.
- Select the plans that you want to delete and click **Delete** on the ribbon. A confirmation window appears. Click **OK** to delete the selected plans or click **Cancel** to return to the **Plan Manager** interface without deleting the selected plans.
- Click **Test Run** to perform a test run job, which simulates the real migration job. By viewing the job report of the test run, you can find whether the source contents can be migrated to the destination successfully and then adjust the plans or optimize the settings.

  ***Note**: The Test Run function is not available for SharePoint High Speed Migration plans.

  ***Note**: Test Run results may differ from the results of an actual migration. You can investigate Test Runs that display **Finished with Exceptions** results by reviewing the log file. If no obvious content, metadata, or permission errors are found, it is likely that the actual migration will complete successfully.

- Click **Run Now** to perform the migration job.

Plan Groups

Plan Group collects plans to groups according to your setup. The plans will run simultaneously or in sequence instead of having to run the plans manually. For more information, refer to the Plan Group section in the DocAve 6 Control Panel Reference Guide.

When adding a migration plan to a plan group, the migration jobs of this plan will be run in the following schedules:

- If the **Disable the schedule for each plan and run plans according to the plan group's schedule** checkbox is selected in the plan group, the plan's schedule will be disabled. The migration jobs of the plan will be run according to the plan group's schedule. If no schedule is configured for the plan group, the migration jobs of the plan will not be run until the plan (or plan group) is run automatically.
- If the **Disable the schedule for each plan and run plans according to the plan group's schedule** checkbox is not selected in the plan group, refer to the following situations:
    - If both the plan and the plan group have a schedule configured, the migration jobs of the plan will be run according to both the schedules. Refer to Schedule Logic for details.
    - If only one schedule is configured (for the plan or plan group), the migration jobs will be run according to the configured schedule.
    - If no schedule is configured for the plan or the plan group, the migration jobs of the plan will not run until the plan (or plan group) automatically runs.

When adding a migration plan to multiple plan groups, the migration jobs of this plan will be run in the following schedules:

- If the **Disable the schedule for each plan and run plans according to the plan group's schedule** checkbox is selected (in one or all of the plan groups), the plan's schedule will be disabled. The migration jobs of the plan will be run according to the plan groups' schedules. Refer to Schedule Logic for details.
- If the **Disable the schedule for each plan and run plans according to the plan group's schedule** checkbox is not selected in all of the plan groups, the migration jobs of the plan will be run according to all of the configured schedules of the plans and plan groups. Refer to Schedule Logic for details.

Schedule Logic

Below explains how the software will function when more than one schedule is set to run:

- If the jobs in a plan are scheduled to run at the same time, only the migration job that was created first will run.
- If a migration job is running and one or more jobs in that plan are scheduled to start while the current job is running, those jobs will be skipped.

Supported and Unsupported Elements for SharePoint Migration

DocAve SharePoint Migration does not support the elements that are not listed in the table below. Refer to the following sections to view the supported and unsupported elements for each type of migration.

Supported and Unsupported Elements for SharePoint 2007 to 2010/2013/2016 Migration

Component			SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
Site Collection			Supported	Supported	Supported	
Site			Supported	Supported	Supported	
List			Supported	Supported	Supported	
Folder			Supported	Supported	Supported	
Item			Supported	Supported	Supported	
Web Part	Lists and Libraries	List	Supported	Supported	Supported	
		Library	Supported	Supported	Supported	
	Business Data	Business Data Actions	Unsupported	Unsupported	Supported	
		Business Data Item	Unsupported	Unsupported	Supported	
		Business Data Item Builder	Unsupported	Unsupported	Supported	
		Business Data List	Unsupported	Unsupported	Supported	
		Business Data Related List	Unsupported	Unsupported	Supported	
		Excel Web Access	Supported	Supported	Unsupported	
		WSRP Consumer Web Part	Supported	Supported	Supported	
	Content Rollup	Site Aggregator	Supported	Supported	Supported	
	Dashboard	Key Performance Indicators	Supported	Supported	Supported	
		KPI Details	Supported	Supported	Supported	
	Default (activated publishing	I Need To…	Supported	Supported	Supported	
		RSS Viewer	Supported	Supported	Supported	

Component			SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
	feature)	This Week in Pictures	Unsupported	Supported	Supported	
		Content Query Web Part	Supported	Supported	Supported	
		Summary Link Web Part	Supported	Supported	Supported	
		Table of Contents Web Part	Supported	Supported	Supported	
	Filter	Business Data Catalog Filter	Unsupported	Supported	Unsupported	
		Choice Filter	Unsupported	Unsupported	Unsupported	
		Current User Filter	Unsupported	Unsupported	Unsupported	
		Data Filter	Supported	Supported	Supported	
		Filter Actions	Unsupported	Unsupported	Unsupported	
		Page Field	Unsupported	Supported	Unsupported	
		Query String Filter	Supported	Supported	Unsupported	
		SharePoint List Filter	Unsupported	Unsupported	Unsupported	
		Text Filter	Unsupported	Unsupported	Unsupported	
	Miscellaneous	Contact Details	Supported	Supported	Supported	
		Content Editor Web Part	Supported	Supported	Supported	
		Form Web Part	Supported	Supported	Supported	
		Image Web Part	Supported	Partially Supported	Supported	Comment 1
		Page Viewer	Supported	Partially Supported	Supported	
		Relevant Documents	Supported	Supported	Supported	
		Site User	Supported	Supported	Supported	
		User Tasks	Supported	Supported	Supported	
		XML Web Part	Supported	Supported	Supported	
	Outlook Web Access	My Calendar	Supported	Supported	Supported	
		My Contact	Supported	Supported	Supported	
		My Inbox	Supported	Supported	Supported	
		My Mail Folder	Supported	Supported	Supported	

Component			SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
		My Task	Supported	Supported	Supported	
	Search	Advanced Search Box	Supported	Supported	Supported	
		Federated Results	Supported	Supported	Supported	
		People Search Box	Supported	Supported	Supported	
		People Search Core Results	Supported	Supported	Supported	
		Search Action Links	Supported	Supported	Supported	
		Search Best Bets	Supported	Supported	Supported	
		Search Box	Supported	Supported	Supported	
		Search Core Results	Supported	Supported	Supported	
		Search High Confidence Results	Supported	Supported	Supported	
		Search Paging	Supported	Supported	Supported	
		Search Statistics	Supported	Supported	Supported	
		Search Summary	Supported	Supported	Supported	
		Top Federated Results	Supported	Supported	Supported	
	Site Directory	Categories	Supported	Supported	Supported	
		Site in Category	Supported	Supported	Supported	
		Top Sites	Unsupported	Supported	Supported	
Column	Site Column	Single line of text	Supported	Supported	Supported	
		Multiple lines of text	Supported	Supported	Supported	
		Choice (Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	Supported	Supported	
		Number	Supported	Supported	Supported	
		Currency	Supported	Supported	Supported	
		Date and Time	Supported	Supported	Supported	
		Lookup (more than 10 columns)	Supported	Supported	Supported	
		Lookup	Supported	Supported	Supported	
		Yes/No	Supported	Supported	Supported	

Component			SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
		Person or Group	Supported	Supported	Supported	
		Hyperlink or Picture	Supported	Supported	Supported	
		Calculated	Supported	Supported	Supported	
		Full HTML content with formatting and constraints for publishing	Supported	Supported	Supported	
		Image with formatting and constraints for publishing	Supported	Supported	Supported	
		Hyperlink with formatting and constraints for publishing	Supported	Supported	Supported	
		Summary Links data	Supported	Supported	Supported	
	List Column	Single line of text	Supported	Supported	Supported	
		Multiple lines of text	Supported	Supported	Supported	
		Choice (Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	Supported	Supported	
		Number	Supported	Supported	Supported	
		Currency	Supported	Supported	Supported	
		Date and Time	Supported	Supported	Supported	
		Lookup (more than 10 columns)	Supported	Supported	Supported	
		Lookup	Supported	Supported	Supported	
		Yes/No (check box)	Supported	Supported	Supported	
		Person or Group	Supported	Supported	Supported	
		Hyperlink or Picture	Supported	Supported	Supported	
		Calculated	Supported	Supported	Supported	
		Business Data	Unsupported	Unsupported	Unsupported	
Site Collection Administration	Search Settings		Supported	Supported	Supported	
	Search Scopes		Unsupported	Unsupported	Unsupported	
	Search Keywords		Supported	Unsupported	Unsupported	

Component		SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
	Recycle Bin	Unsupported	Unsupported	Unsupported	
	Site Directory Settings	Unsupported	Unsupported	Unsupported	
	Site Collection Usage Reports	Unsupported	Unsupported	Unsupported	
	Site Collection Features	Supported	Supported	Supported	
	Site Hierarchy	Supported	Supported	Supported	
	Site Collection Audit Settings	Supported	Supported	Supported	
	Audit Log Reports	Partially Supported	Supported	Supported	Comment 2
	Portal Site Connection	Supported	Supported	Supported	
	Site Collection Policies	Supported	Supported	Supported	
	Site Collection Cache Profiles	Supported	Supported	Supported	
	Site Collection Object Cache	Supported	Supported	Supported	
	Site Collection Output Cache	Supported	Supported	Supported	
	Variations	Unsupported	Supported	Supported	
	Variation Labels	Supported	Partially Supported	Partially Supported	Comment 3
	Translatable Columns	Supported	Unsupported	Unsupported	
	Variation Logs	Unsupported	Unsupported	Unsupported	
Site Administration	Regional Settings	Supported	Supported	Supported	
	Site Usage Reports	Unsupported	Unsupported	Unsupported	
	RSS	Supported	Supported	Supported	
	Search Visibility	Supported	Supported	Supported	
	Site Features	Supported	Supported	Supported	
	Related Links Scope Settings	Unsupported	Unsupported	Unsupported	
	Site Libraries and Lists	Supported	Supported	Supported	
	User Alerts	Supported	Supported	Supported	
	Sites and Workspaces	Supported	Supported	Supported	
	Delete This Site	Supported	Supported	Supported	

Component		SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
	Site Output Cache	Supported	Supported	Supported	
	Content and Structure	Supported	Supported	Supported	
	Content and Structure Logs	Supported	Supported	Supported	
Galleries	Site Content Types\Default	Supported	Supported	Supported	
	Site Content Types\Custom	Supported	Supported	Supported	
	Site Content Types\Existing Group	Supported	Supported	Supported	
	Site Content Types\New group	Supported	Supported	Supported	
	Site Columns\Default	Supported	Supported	Supported	
	Site Columns\Existing Group	Supported	Supported	Supported	
	Site Columns\New Group	Supported	Supported	Supported	
	Site Templates	Unsupported	Unsupported	Unsupported	
	List Templates	Unsupported	Unsupported	Unsupported	
	Web Parts	Unsupported	Unsupported	Unsupported	
	InfoPath	Unsupported	Unsupported	Unsupported	
	Workflows	Unsupported	Unsupported	Unsupported	
	Master Pages and Page Layouts	Supported	Unsupported	Unsupported	
Look and Feel	Master page\Default	Unsupported	Unsupported	Unsupported	
	Master page\Custom	Unsupported	Unsupported	Unsupported	
	Master page\Inheritance	Unsupported	Unsupported	Unsupported	
	Master page\SPD Edit	Unsupported	Unsupported	Unsupported	
	Title, Description, and Icon	Supported	Supported	Supported	
	Navigation	Supported	Supported	Supported	
	Navigation Inheritance	Supported	Supported	Supported	
	Top Link Bar & Quick Launch	Supported	Supported	Supported	
	Page Layouts and Site Templates	Supported	Supported	Supported	
	Welcome Page	Supported	Supported	Supported	
	Tree View	Supported	Supported	Supported	

Component			SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
	Site Theme\Default		Unsupported	Unsupported	Unsupported	
	Site Theme\Custom		Unsupported	Unsupported	Unsupported	
	Save Site as Template		Unsupported	Unsupported	Unsupported	
	Reset to Site Definition		Supported	Supported	Unsupported	
	Searchable Columns		Supported	Supported	Unsupported	
List Property	General Settings	Title, description and navigation	Supported	Supported	Supported	
		Versioning settings	Supported	Supported	Supported	
		Advanced settings	Supported	Supported	Supported	
		Audience targeting settings	Supported	Supported	Supported	
		Manage item scheduling	Unsupported	Supported	Supported	
	Permissions and Management	Delete this document library	Supported	Supported	Supported	
		Save document library as template	Unsupported	Unsupported	Unsupported	
		Manage checked out files	Supported	Supported	Supported	
		Workflow settings	Supported	Supported	Supported	
		Information management policy settings	Partially Supported	Supported	Partially Supported	Comment 4
	Communications	RSS Settings	Supported	Supported	Unsupported	
	Columns	Columns\Default	Supported	Supported	Supported	
		Columns\Custom	Supported	Supported	Supported	
		Columns Add From Site Column	Supported	Supported	Supported	
		Column Ordering	Supported	Supported	Supported	
		Indexed Columns	Partially Supported	Partially Supported	Partially Supported	Comment 5
	Content Types	Content Types\Default	Supported	Supported	Supported	
		Content Types\Custom	Supported	Supported	Supported	
		Content Type Order	Supported	Supported	Supported	
	Views	Views\Default	Supported	Supported	Supported	
		Views\Custom	Supported	Supported	Supported	

Component				SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
		Views\Special List (Discussion Board, Picture Library)		Supported	Supported	Supported	
	Alerts	User & Group		Supported	Supported	Unsupported	
		Same name alert with different settings		Supported	Supported	Unsupported	
	Others	Require Check Out		Supported	Supported	Supported	
		Incoming E-mail		Supported	Supported	Supported	
		Information Rights Management		Supported	Supported	Supported	
Template	Site Collection Template	Collaboration	Team Site	Supported	Supported	Supported	
			Blank Site	Supported	Supported	Supported	
			Document Workspace	Supported	Supported	Supported	
			Wiki Site	Supported	Supported	Supported	
			Blog	Supported	Supported	Supported	
		Meetings	Basic Meeting Workspace	Supported	Supported	Supported	
			Blank Meeting Workspace	Supported	Supported	Supported	
			Decision Meeting Workspace	Supported	Supported	Supported	
			Social Meeting Workspace	Supported	Supported	Supported	
			Multipage Meeting Workspace	Supported	Supported	Supported	
		Enterprise	Document Center	Supported	Supported	Supported	
			Records Center	Supported	Supported	Supported	

Component				SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
			Site Directory	Supported	Supported	Supported	
			Report Center	Supported	Partially Supported	Partially Supported	Comment 6
			Search Center with Tabs	Supported	Supported	Supported	
			My Site Host	Supported	Supported	Supported	
			Search Center	Supported	Supported	Supported	
		Publishing	Collaboration Portal	Supported	Supported	Supported	
			Publishing Portal	Partially Supported	Partially Supported	Partially Supported	Comment 7
		Experience Version 2010	Collaboration	Supported	Supported	Supported	
			Meetings	Supported	Supported	Supported	
			Publishing	Partially Supported	Partially Supported	Partially Supported	Comment 8
			Enterprise	Supported	Supported	Supported	
		Using stsadm command	SPSTOPIC#0 Topic area template (1033)	Supported	Supported	Supported	
			SPS#0 SharePoint Portal Server Site (1033)	Supported	Supported	Supported	
			SPSTOC#0 Contents area Template (1033)	Supported	Supported	Supported	
	Site Template	Collaboration	Team Site	Supported	Supported	Supported	
			Blank Site	Supported	Supported	Supported	
			Document	Supported	Supported	Supported	

Component				SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
			Workspace				
			Wiki Site	Supported	Supported	Supported	
			Blog	Supported	Supported	Supported	
		Meetings	Basic Meeting workspace	Supported	Supported	Supported	
			Blank Meeting workspace	Supported	Supported	Supported	
			Decision Meeting workspace	Supported	Supported	Supported	
			Social Meeting Workspace	Supported	Supported	Supported	
			Multipage Meeting workspace	Supported	Supported	Supported	
		Enterprise	Document Center	Supported	Supported	Supported	
			Records Center	Supported	Supported	Supported	
			Site Directory	Supported	Supported	Supported	
			Report Center	Supported	Supported	Supported	
			Search Center with Tabs	Supported	Supported	Supported	
			Search Center	Supported	Supported	Supported	
			Personalization Site	Supported	Supported	Supported	
		Publishing	Publishing Site	Supported	Supported	Supported	
			Publishing Site with Workflow	Supported	Supported	Supported	
			News Site	Supported	Partially Supported	Partially Supported	Comment 9

Component				SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
	List Template	Libraries	Shared Documents	Supported	Supported	Supported	
			Document Library	Supported	Supported	Supported	
			Form library	Supported	Supported	Supported	
			Wiki Page library	Supported	Supported	Supported	
			Picture library	Supported	Supported	Supported	
			Data Connection Library	Supported	Supported	Supported	
			Translation Management Library	Supported	Supported	Supported	
			Slide Library	Supported	Supported	Supported	
		Communications	Announcements	Supported	Supported	Supported	
			Contacts	Supported	Supported	Supported	
			Discussion board	Supported	Supported	Supported	
		Trackings	Links	Supported	Supported	Supported	
			Calendar	Supported	Supported	Supported	
			Tasks	Supported	Supported	Supported	
			Project Tasks	Supported	Supported	Supported	
			Issue Tracking	Supported	Supported	Supported	
			Survey	Supported	Supported	Supported	
		Custom Lists	Custom List	Supported	Supported	Supported	
			Custom List in Datasheet View	Supported	Supported	Supported	
			Languages and	Supported	Supported	Supported	

Component				SharePoint 2007 to 2010 Migration	SharePoint 2007 to 2013 Migration	SharePoint 2007 to 2016 Migration	Comment
			Translate				
			KPI List	Supported	Supported	Supported	
			Import Spreadsheet	Supported	Supported	Supported	
		Web Pages	Basic Page	Supported	Supported	Supported	
			Web Part Page	Supported	Supported	Supported	
			Publishing Page	Supported	Supported	Supported	
Workflow	SharePoint Built-in Workflow			Supported	Supported	Supported	
	SharePoint Designer Workflow			Supported	Supported	Supported	
	Nintex Workflow			Partially Supported	Partially Supported	Unsupported	Comment 10

***Note**: When migrating Nintex workflows, SharePoint Migration also supports the migration for workflow constants and variables.

Comment 1: If the linked images of these two Web parts are not in the selected source node and the images are linked by their full URLs, these URLs are not supported for updates in the SharePoint 2007 to 2013 Migration jobs.

Comment 2: The Audit log reports in the source and those migrated to the destination are different because a related Microsoft Office SharePoint Server 2007 API does not exist.

Comment 3: If the **IsSource** source variation labels' column values are **Yes**, these labels cannot be opened or edited in the destination after the migration.

Comment 4: SharePoint 2007 to 2010 Migration does not support the migration of the **Locale** property in **Regional Settings** to protect customer environments. SharePoint 2007 to 2016 Migration does not support the migration of the **Barcodes** property.

Comment 5: The source indexed columns can only be partially migrated to the destination. The following columns cannot be migrated: Content Type, Created, Created_x0020_Date, Modified, and Workflow Instance ID.

Comment 6: The default page of site collections that uses the **Report Center** template will be displayed incorrectly after migration due to an API limitation.

Comment 7: The images in the default page of site collections that use the **Publishing Portal** template cannot be displayed after migration due to an API limitation.

Comment 8: The images in the default page of site collections that use the **Publishing** template cannot be displayed after migration due to an API limitation.

Comment 9: The built-in **News Archive** page of the sites that use the **News Site** template cannot be opened after migration due to an API limitation.

Comment 10: Some actions will be lost after the migration, for example, the **Check out item** action. Some actions are not supported in migration, for example, the **Create CRM Record** action. SharePoint 2007 to 2010/2013 Migration does not support the user mapping that maps the related user of the workflow actions.

Supported and Unsupported Elements for SharePoint 2010 to 2013/2016 Migration

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
Site Collection			Supported	Supported	Supported	
Site			Supported	Supported	Supported	
List			Supported	Supported	Supported	
Folder			Supported	Supported	Supported	
Item			Supported	Supported	Supported	
Web Part	Lists and Libraries	List	Supported	Supported	Supported	
		Library	Supported	Supported	Supported	
		Content and Structure Reports	Supported	Supported	Supported	
		Customized Reports	Supported	Supported	Supported	
	Business Data	Business Data Actions	Unsupported	Unsupported	Unsupported	
		Business Data Connectivity Filter	Unsupported	Unsupported	Unsupported	
		Business Data Item	Unsupported	Unsupported	Unsupported	
		Business Data Item Builder	Unsupported	Unsupported	Unsupported	
		Business Data List	Unsupported	Unsupported	Unsupported	
		Business Data Related List	Unsupported	Unsupported	Unsupported	
		Excel Web Access	Supported	Supported	Supported	
		Chart Web Part	Supported	Supported	Unsupported	
		Indicator Details	Supported	Supported	Supported	
		Status Lists	Supported	Supported	Supported	
		Visio Web Access	Supported	Supported	Supported	
		WSRP Consumer Web	Supported	Supported	Unsupported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Part				
		Categories	Supported	Supported	Supported	
	Content Rollup	Site Aggregator	Supported	Supported	Supported	
		Content Query	Supported	Supported	Supported	
		Table of Contents	Supported	Supported	Supported	
		Site in Category	Supported	Supported	Supported	
		WSRP Viewer	Unsupported	Supported	Unsupported	
		XML Viewer	Supported	Supported	Supported	
		Summary Link	Supported	Supported	Supported	
		Rss Viewer	Supported	Supported	Supported	
		Relevant Document	Supported	Supported	Supported	
		Web Analytic Web Part	Supported	Supported	Supported	
	Media and Content	Content Editor	Supported	Supported	Supported	
		Image Viewer	Supported	Supported	Supported	
		Media Web Part	Supported	Supported	Supported	
		Page Viewer	Supported	Supported	Supported	
		Picture Library Slideshow Web Part	Supported	Supported	Supported	
		Silverlight Web Part	Unsupported	Supported	Unsupported	
	Filter	Apply Filters Button	Supported	Supported	Supported	
		Choice Filter	Unsupported	Supported	Supported	
		Current User Filter	Unsupported	Supported	Supported	
		Data Filter	Supported	Supported	Supported	
		Page Field Filter	Supported	Supported	Supported	
		Query String Filter	Supported	Supported	Supported	
		SharePoint List Filter	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		SQL Server Analysis Services Filter	Supported	Supported	Supported	
		Text Filter	Supported	Supported	Supported	
	Social Collaboration	Contact Details	Supported	Supported	Supported	
		Note Board	Supported	Supported	Supported	
		Organization Browser	Supported	Supported	Supported	
		Tag Cloud	Supported	Supported	Supported	
		Site Users	Partially Supported	Partially Supported	Supported	Comment 1
		User Tasks	Supported	Supported	Supported	
	Outlook Web Access	My Calendar	Supported	Supported	Supported	
		My Contact	Supported	Supported	Supported	
		My Inbox	Supported	Supported	Supported	
		My Mail Folder	Supported	Supported	Supported	
		My Task	Supported	Supported	Supported	
	Search	Advanced Search Box	Supported	Supported	Supported	
		Dual Chinese Search	Supported	Supported	Supported	
		Federated Results	Supported	Supported	Supported	
		People Refinement Panel	Unsupported	Partially Supported	Supported	Comment 2
		People Search Box	Supported	Supported	Supported	
		People Search Core Results	Supported	Supported	Supported	
		Refinement Panel	Unsupported	Partially Supported	Supported	Comment 2
		Related Queries	Unsupported	Partially Supported	Supported	
		Search Action Links	Supported	Supported	Supported	
		Search Best Bets	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Search Box	Supported	Supported	Supported	
		Search Core Results	Supported	Supported	Supported	
		Search Paging	Supported	Supported	Supported	
		Search Statistics	Supported	Supported	Supported	
		Search Summary	Supported	Supported	Supported	
		Search Visual Best Bet	Unsupported	Partially Supported	Supported	Comment 2
		Top Federated Results	Supported	Supported	Supported	
	Forms	HTML Form Web Part	Supported	Supported	Supported	
		Info Path Form Web Part	Supported	Supported	Supported	
Column	Site Column	Single line of text	Supported	Supported	Supported	
		Multiple lines of text	Supported	Supported	Supported	
		Choice (Drop-down Menu, Radio Buttons, Checkboxes)	Supported	Supported	Supported	
		Number	Supported	Supported	Supported	
		Currency	Supported	Supported	Supported	
		Date and Time	Supported	Supported	Supported	
		Lookup	Supported	Supported	Supported	
		Yes/No	Supported	Supported	Supported	
		Person or Group	Supported	Supported	Supported	
		Hyperlink or Picture	Supported	Supported	Supported	
		Calculated	Supported	Supported	Supported	
		Full HTML content with formatting and constraints for publishing	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Image with formatting and constraints for publishing	Supported	Supported	Supported	
		Hyperlink with formatting and constraints for publishing	Supported	Supported	Supported	
		Summary Links data	Supported	Supported	Supported	
		Rich media data for publishing	Supported	Supported	Supported	
		Manager Metadata (Global term)	Supported	Supported	Supported	
		Manager Metadata (Local term)	Supported	Supported	Supported	
	List Column	Single line of text	Supported	Supported	Supported	
		Multiple lines of text	Supported	Supported	Supported	
		Choice(Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	Supported	Supported	
		Number	Supported	Supported	Supported	
		Currency	Supported	Supported	Supported	
		Date and Time	Supported	Supported	Supported	
		Lookup	Supported	Supported	Supported	
		Yes/No (check box)	Supported	Supported	Supported	
		Person or Group	Supported	Supported	Supported	
		Hyperlink or Picture	Supported	Supported	Supported	
		Calculated	Supported	Supported	Supported	
		External Data	Unsupported	Unsupported	Unsupported	

Component				SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Manager Metadata (Global term)		Supported	Supported	Supported	
		Manager Metadata (Local term）		Supported	Supported	Supported	
	Source Parent Column	Folder Level		Supported	Supported	Supported	
		List Level (import from site)		Supported	Supported	Supported	
	Metadata Column	Global Group	Global Group	Supported	Supported	Supported	
			Group Name	Supported	Supported	Supported	
			Group Managers	Supported	Supported	Supported	
			Contributors	Supported	Supported	Supported	
			New Term Sets	Supported	Supported	Supported	
		Global Term Set	Global Term Set	Supported	Supported	Supported	
			Term Set Name	Supported	Supported	Supported	
			Owner	Supported	Supported	Supported	
			Contact	Supported	Supported	Supported	
			Stakeholders	Supported	Supported	Supported	
			Submission Policy	Supported	Supported	Supported	
			Available For Tagging	Supported	Supported	Supported	
			Create Term	Supported	Supported	Supported	
			Copy Term Set	Supported	Supported	Supported	

Component				SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
			Reuse Terms	Supported	Supported	Supported	
			Move Term Set	Supported	Supported	Supported	
			Delete Term Set	Supported	Supported	Supported	
		Global Term	Global Term	Supported	Supported	Supported	
			Available for Tagging	Supported	Supported	Supported	
			Default Label	Supported	Supported	Supported	
			Create Term	Supported	Supported	Supported	
			Copy Term	Supported	Supported	Supported	
			Reuse Terms	Supported	Supported	Supported	
			Merge Terms	Supported	Supported	Supported	
			Deprecate Term	Supported	Supported	Supported	
			Move Term	Supported	Supported	Supported	
			Delete Term	Supported	Supported	Supported	
		Local Group	Local Group	Supported	Supported	Supported	
			Group Name	Supported	Supported	Supported	
			Group Managers	Supported	Supported	Supported	
			Contributors	Supported	Supported	Supported	
			New Term Sets	Supported	Supported	Supported	
		Local Term Set	local term set	Supported	Supported	Supported	

Component				SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
			Term Set Name	Supported	Supported	Supported	
			Owner	Supported	Supported	Supported	
			Contact	Supported	Supported	Supported	
			Stakeholders	Supported	Supported	Supported	
			Submission Policy	Supported	Supported	Supported	
			Available For Tagging	Supported	Supported	Supported	
			Create Term	Supported	Supported	Supported	
			Copy Term Set	Supported	Supported	Supported	
			Reuse Terms	Supported	Supported	Supported	
			Move Term Set	Supported	Supported	Supported	
			Delete Term Set	Supported	Supported	Supported	
		Local Term	Local Term	Supported	Supported	Supported	
			Available For Tagging	Supported	Supported	Supported	
			Default Label	Supported	Supported	Supported	
			Create Term	Supported	Supported	Supported	
			Copy Term	Supported	Supported	Supported	
			Reuse Terms	Supported	Supported	Supported	
			Merge Terms	Supported	Supported	Supported	
			Deprecate Term	Supported	Supported	Supported	

Component				SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
			Move Term	Supported	Supported	Supported	
			Delete Term	Supported	Supported	Supported	
		Keyword	Keyword	Supported	Supported	Supported	
			Move Keyword	Supported	Supported	Supported	
			Delete Keyword	Supported	Supported	Supported	
		Content Type Hub Setting	Content Type Hub Setting	Unsupported	Unsupported	Unsupported	
		Tag & Notes	Tag	Supported	Supported	Supported	
			Note (site collection)	Supported	Supported	Supported	
		Tag Cloud & Note Board Web Part	Tag Cloud (site collection)	Supported	Supported	Supported	
			Note Board (site collection)	Supported	Supported	Supported	
		Keyword setting & Rating setting	keyword Setting (site collection)	Supported	Supported	Supported	
			Rating Setting (site collection)	Supported	Supported	Supported	
Site Collection Administr	Search Settings			Unsupported	Supported	Unsupported	
	Search Scopes			Unsupported	Supported	Unsupported	
	Search Keywords			Unsupported	Supported	Unsupported	

Component		SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
ation	FAST Search Keywords	Unsupported	Supported	Unsupported	
	FAST Search site promotion and demotion	Unsupported	Supported	Unsupported	
	FAST Search user context	Unsupported	Supported	Unsupported	
	Recycle Bin	Unsupported	Unsupported	Unsupported	
	Site Collection Features	Supported	Supported	Supported	
	Site Hierarchy	Supported	Supported	Supported	
	Site Collection Navigation	Supported	Supported	Supported	
	Site Collection Audit Settings	Supported	Supported	Supported	
	Audit Log Reports	Supported	Supported	Supported	
	Portal Site Connection	Supported	Supported	Supported	
	Site Collection Policies	Unsupported	Supported	Unsupported	
	Storage Metrics	Supported	Supported	Supported	
	Site Collection Cache Profiles	Supported	Supported	Supported	
	Site Collection Object Cache	Supported	Supported	Supported	
	Site Collection Output Cache	Supported	Supported	Supported	
	Content Type Publishing	Supported	Supported	Supported	
	Variations	Supported	Supported	Supported	
	Variation Labels	Supported	Supported	Supported	
	Translatable Columns	Supported	Supported	Supported	
	Variation Logs	Supported	Supported	Supported	
	Suggested Content Browser Locations	Supported	Supported	Supported	
	SharePoint Designer Settings	Supported	Supported	Supported	
	Visual Upgrade	Unsupported	Supported	Unsupported	
	Help Settings	Unsupported	Supported	Unsupported	
Site	Regional Settings	Supported	Supported	Supported	

Component		SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
Administration	RSS	Supported	Supported	Supported	
	Related Links Scope Settings	Unsupported	Supported	Unsupported	
	Site Libraries and Lists	Supported	Supported	Supported	
	User Alerts	Supported	Supported	Supported	
	Sites and Workspaces	Supported	Supported	Supported	
	Site Output Cache	Supported	Supported	Supported	
	Content and Structure	Supported	Supported	Supported	
	Content and Structure Logs	Supported	Supported	Supported	
	Search and Offline Availability	Supported	Supported	Supported	
	Term Store Management	Supported	Supported	Supported	
	Searchable Columns	Supported	Supported	Supported	
	Workflows	Supported	Supported	Supported	
	Workflow settings	Supported	Supported	Unsupported	
Galleries	Site Content Types	Supported	Supported	Supported	
	Site Columns	Supported	Supported	Supported	
	List Templates	Unsupported	Supported	Unsupported	
	Web Parts	Supported	Supported	Supported	
	InfoPath	Supported	Supported	Supported	
	Master Pages and Page Layouts	Supported	Supported	Supported	
	Themes	Unsupported	Supported	Unsupported	
	Solutions	Unsupported	Unsupported	Unsupported	
Look and Feel	Master page	Unsupported	Supported	Unsupported	
	Title, Description, and Icon	Supported	Supported	Supported	
	Page Layouts and Site Templates	Supported	Supported	Supported	
	Welcome Page	Supported	Supported	Supported	
	Tree View	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
	Site Theme		Unsupported	Supported	Unsupported	
Navigation	Top Link Bar		Supported	Supported	Supported	
	Quick Launch		Supported	Supported	Supported	
	Global Navigation		Supported	Supported	Supported	
	Current Navigation		Supported	Supported	Supported	
	Group Navigation		Supported	Supported	Supported	
Site Actions	Save as Template		Unsupported	Unsupported	Unsupported	
	Reset to Site Definition		Supported	Supported	Supported	
	Delete This Site		Supported	Supported	Supported	
List Property	General Settings	Title, description and navigation	Supported	Supported	Supported	
		Versioning settings	Supported	Supported	Supported	
		Advanced settings	Supported	Supported	Supported	
		Validation settings	Supported	Supported	Supported	
		Audience targeting settings	Supported	Supported	Supported	
		Manage item scheduling	Supported	Supported	Supported	
		Form settings	Supported	Supported	Supported	
		Per-location view settings	Supported	Supported	Supported	
		Rating settings	Supported	Supported	Supported	
		Column default value settings	Supported	Supported	Supported	
	Permissions and Management	Delete this document library	Supported	Supported	Supported	
		Save as template	Unsupported	Unsupported	Unsupported	
		Manage checked out	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		files				
		Workflow settings	Supported	Supported	Supported	
		Information management policy settings	Supported	Supported	Partially Supported	Comment 3
		Record declaration settings	Supported	Supported	Supported	
		Enterprise Metadata and Keywords Settings	Supported	Supported	Supported	
		Generate file plan report	Supported	Supported	Supported	
		Permissions for this document library	Supported	Supported	Supported	
	Communications	RSS settings	Supported	Supported	Supported	
		Incoming e-mail settings	Supported	Supported	Supported	
	Columns	Columns\Default	Supported	Supported	Supported	
		Columns\Custom	Supported	Supported	Supported	
		Columns Add From Site Column	Supported	Supported	Supported	
		Column ordering	Supported	Supported	Supported	
		Indexed columns	Supported	Supported	Supported	
	Content Types	Content Types\Default	Supported	Supported	Supported	
		Content Types\Custom	Supported	Supported	Supported	
		Content Type Order	Supported	Supported	Supported	
	Views	Views\Default	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Views\Custom	Supported	Supported	Supported	
		Views\Special List(Discussion Board, Picture Library)	Supported	Supported	Supported	
		Tabular View	Supported	Supported	Supported	
		Custom View in SharePoint Designer	Supported	Supported	Supported	
		View Setting\ Inline Editing	Unsupported	Supported	Supported	
	Alerts	User & Group	Supported	Supported	Supported	
		Same name alert, different settings	Supported	Supported	Supported	
	Others	Check Out	Supported	Supported	Supported	
		Information Rights Management	Supported	Supported	Supported	
Template	Site Collection Template	Document Workspace	Supported	Supported	Supported	
		Blog	Supported	Supported	Supported	
		Group Work Site	Supported	Supported	Supported	
		Visio Process Repository	Supported	Supported	Supported	
		Blank Site	Supported	Supported	Supported	
		Team Site	Supported	Supported	Supported	
		Basic Meeting workspace	Supported	Supported	Supported	
		Blank Meeting workspace	Supported	Supported	Supported	
		Decision Meeting workspace	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Social Meeting Workspace	Supported	Supported	Supported	
		Multipage Meeting workspace	Supported	Supported	Supported	
		Document Center	Supported	Supported	Supported	
		Records center	Supported	Supported	Supported	
		Business Intelligence Center	Partially Supported	Partially Supported	Supported	Comment 4
		Enterprise Search Center	Supported	Supported	Supported	
		My Site Host	Supported	Supported	Supported	
		Basic Search Center	Supported	Supported	Supported	
		Fast Search Center	Unsupported	Supported	Supported	
		Publishing Portal	Partially Supported	Partially Supported	Supported	Comment 4
		Enterprise Wiki	Supported	Supported	Supported	
		Using Stsadm Command	Supported	Supported	Supported	
		SPSTOPIC#0 Topic area template (1033)	Supported	Supported	Supported	
		SPS#0 SharePoint Portal Server Site (1033)	Supported	Supported	Supported	
		SPSTOC#0 Contents area Template (1033)	Supported	Supported	Supported	
	Site Template	Team Site	Supported	Supported	Supported	
		Blank Site	Supported	Supported	Supported	
		Document Workspace	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Assets Web Database	Unsupported	Supported	Unsupported	
		Blog	Supported	Supported	Supported	
		Basic Meeting workspace	Supported	Supported	Supported	
		Blank Meeting workspace	Supported	Supported	Supported	
		Decision Meeting workspace	Supported	Supported	Supported	
		Social Meeting Workspace	Supported	Supported	Supported	
		Multipage Meeting workspace	Supported	Supported	Supported	
		Document Center	Supported	Supported	Supported	
		Records Center	Supported	Supported	Supported	
		Charitable Contributions Web	Unsupported	Supported	Unsupported	
		Enterprise Search Center	Supported	Supported	Supported	
		Basic Search Center	Supported	Supported	Supported	
		Fast Search Center	Unsupported	Supported	Supported	
		Personalization Site	Supported	Supported	Supported	
		Publishing Site	Supported	Supported	Supported	
		Publishing Site with Workflow	Supported	Supported	Supported	
		Contacts Web Database	Unsupported	Supported	Supported	
		Enterprise Wiki	Supported	Supported	Supported	
		Group Work Site	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Issues Web Database	Unsupported	Supported	Unsupported	
		Projects Web Database	Unsupported	Supported	Unsupported	
		Visio Process Repository	Supported	Supported	Supported	
	List Template	Documents	Supported	Supported	Supported	
		Document Library	Supported	Supported	Supported	
		Form library	Supported	Supported	Supported	
		Wiki Page library	Supported	Supported	Supported	
		Picture library	Supported	Supported	Supported	
		Data Connection Library	Supported	Supported	Supported	
		Asset Library	Supported	Supported	Supported	
		Slide Library	Supported	Supported	Supported	
		Announcements	Supported	Supported	Supported	
		Contacts	Supported	Supported	Supported	
		Discussion Board	Supported	Supported	Supported	
		Links	Supported	Supported	Supported	
		Calendar	Supported	Supported	Supported	
		Tasks	Supported	Supported	Supported	
		Project Task	Supported	Supported	Supported	
		Issue Tracking	Supported	Supported	Supported	
		Survey	Supported	Supported	Supported	
		Custom List	Supported	Supported	Supported	
		Report Library	Supported	Supported	Supported	
		External List	Unsupported	Unsupported	Unsupported	
		Status List	Supported	Supported	Supported	

Component				SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		Import Spreadsheet		Supported	Supported	Supported	
		Pages		Supported	Supported	Supported	
		Style Library		Supported	Supported	Supported	
		Media Library		Supported	Supported	Supported	
		Content Library		Supported	Supported	Supported	
		Drop off Library		Supported	Supported	Supported	
		Post		Supported	Supported	Supported	
		Images		Supported	Supported	Supported	
	Others	Document Set		Supported	Supported	Supported	
		Content Organizer		Supported	Supported	Supported	
SharePoint Service	Metadata Service	Global	Global Group	Supported	Supported	Supported	
			Global Term Set	Supported	Supported	Supported	
			Global Term	Supported	Supported	Supported	
		Local	Local Group	Supported	Supported	Supported	
			Local Term Set	Supported	Supported	Supported	
			Local Term	Supported	Supported	Supported	
		Keyword		Supported	Supported	Supported	
		Keyword setting & Rating setting		Supported	Supported	Supported	
	User Profile Service	Tag & Notes	Tag	Supported	Supported	Supported	
			Notes	Supported	Supported	Supported	
			Tag Cloud Web Part	Supported	Supported	Supported	
			Note Board Web Part	Supported	Supported	Supported	

Component			SharePoint 2010 to 2013 (13 experience) Migration	SharePoint 2010 to 2013 (10 experience) Migration	SharePoint 2010 to 2016 Migration	Comment
		My Site	Supported	Supported	Supported	
	Search Service	Search Content	Supported	Supported	Supported	
		Search People	Supported	Supported	Supported	
		Web Part	Supported	Supported	Supported	
		Search Center	Supported	Supported	Supported	
Workflow	SharePoint Built-in Workflow		Supported	Supported	Supported	
	SharePoint Designer Workflow		Partially Supported	Partially Supported	Supported	Comment 5
	Nintex Workflow		Partially Supported	Partially Supported	Unsupported	

***Note**: If you select the SharePoint 2010 site collection that is the Content Type hub as the source, and select the SharePoint 2013 site collection that is the Content Type hub as the destination to run the migration job, the source published content types remain the published status but are not subscribed successfully. You can republish the content types manually in the destination.

***Note**: When migrating Nintex workflows, SharePoint Migration also supports the migration for workflow constants and variables.

Comment 1: The migrated Site Users Web part displayed incorrectly in the destination. The **NT AUTHORITY\Authenticated Users** is added to the migrated Site Users Web part.

Comment 2: SharePoint 2010 to 2013 Migration supports the migration of these Web parts with comment settings. The Web parts with specific settings are not tested.

Comment 3: SharePoint 2010 to 2016 Migration does not support the migration of the **Barcodes** property.

Comment 4: The navigation of the migrated site collection whose template is **Business Intelligence Center** or **Publishing Portal** is not migrated correctly.

Comment 5: Some actions of these workflows are not migrated due to the version difference in SharePoint 2010 to 2013 Migration jobs.

Supported and Unsupported Elements for SharePoint 2013 to 2016 Migration

Component			SharePoint 2013 to 2016 Migration	Comment
Site Collection			Supported	
Site			Supported	
List			Supported	
Folder			Supported	
Item			Supported	
Web Part	Lists and Libraries	List	Supported	
		Library	Supported	
		Content and Structure Reports	Supported	
		Customized Reports	Supported	
		Reusable Content	Supported	
		MicroFeed	Supported	
	Blog	Blog Archives	Supported	
		Blog Notifications	Supported	
		Blog Tools	Supported	
	Business Data	Business Data Actions	Unsupported	
		Business Data Connectivity Filter	Unsupported	
		Business Data Item	Unsupported	
		Business Data Item Builder	Unsupported	
		Business Data List	Unsupported	
		Business Data Related List	Unsupported	
		Excel Web Access	Supported	
		Indicator Details	Supported	
		Status Lists	Supported	
		Visio Web Access	Supported	
	Community	About this community	Supported	
		Join	Supported	

Component			SharePoint 2013 to 2016 Migration	Comment
		My membership	Supported	
		Tools	Supported	
		What's happening	Supported	
	Content Rollup	Categories	Supported	
		Content Query	Supported	
		Content Search	Supported	
		Project Summary	Supported	
		Relevant Documents	Supported	
		Rss Viewer	Supported	
		Site Aggregator	Supported	
		Site in Category	Supported	
		Summary Links	Supported	
		Table Of Contents	Supported	
		Term Property	Supported	
		Timeline	Supported	
		WSRP Viewer	Supported	
		XML Viewer	Supported	
	Media and Content	Content Editor	Supported	
		Get started with your site	Supported	
		Image Viewer	Supported	
		Media Web Part	Supported	
		Page Viewer	Supported	
		Picture Library Slideshow Web Part	Supported	
		Script Editor	Supported	
		Silverlight Web Part	Supported	
	Filter	Apply Filters Button	Supported	
		Choice Filter	Supported	
		Current User Filter	Supported	
		Data Filter	Supported	
		Page Field Filter	Supported	
		Query String Filter	Supported	

Component			SharePoint 2013 to 2016 Migration	Comment
		SharePoint List Filter	Supported	
		SQL Server Analysis Services Filter	Supported	
		Text Filter	Supported	
	Social Collaboration	Contact Details	Supported	
		Note Board	Supported	
		Organization Browser	Supported	
		Tag Cloud	Supported	
		Site Users	Supported	
		User Tasks	Supported	
	Search	Refinement	Supported	
		Search Box	Supported	
		Search Navigation	Supported	
		Search Results	Supported	
		Taxonomy Refinement Panel	Supported	
	Search-Driven Content	Catalog-Item Reuse	Supported	
		Items Matching a Tag	Supported	
		Pages	Supported	
		Pictures	Supported	
		Popular Items	Supported	
		Recently Changed Items	Supported	
		Videos	Supported	
		Web Pages	Supported	
		Wiki Pages	Supported	
	Forms	HTML Form Web Part	Supported	
		Info Path Form Web Part	Supported	
Column	Site Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice (Drop-down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	
		Currency	Supported	
		Date and Time	Supported	

Component			SharePoint 2013 to 2016 Migration	Comment
		Lookup	Supported	
		Yes/No	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	
		Calculated	Supported	
		Task Outcome	Supported	
		Full HTML content with formatting and constraints for publishing	Supported	
		Image with formatting and constraints for publishing	Supported	
		Hyperlink with formatting and constraints for publishing	Supported	
		Summary Links data	Supported	
		Rich media data for publishing	Supported	
		Manager Metadata (Global term)	Supported	
		Manager Metadata (Local term)	Supported	
	List Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice(Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	
		Currency	Supported	
		Date and Time	Supported	
		Lookup	Supported	
		Yes/No (check box)	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	
		Calculated	Supported	
		Task Outcome	Supported	
		External Data	Unsupported	
		Manager Metadata (Global term)	Supported	
		Manager Metadata (Local term）	Supported	
	Source Parent Column	Folder Level	Supported	
		Item Level	Supported	

Component				SharePoint 2013 to 2016 Migration	Comment
		List Level (import from site)		Supported	
	Metadata Column	Global Group	Global Group	Supported	
			Group Name	Supported	
			Group Managers	Supported	
			Contributors	Supported	
			New Term Sets	Supported	
		Global Term Set	Global Term Set	Supported	
			Term Set Name	Supported	
			Owner	Supported	
			Contact	Supported	
			Stakeholders	Supported	
			Submission Policy	Supported	
			Available For Tagging	Supported	
			Create Term	Supported	
			Copy Term Set	Supported	
			Reuse Terms	Supported	
			Move Term Set	Supported	
			Delete Term Set	Supported	
		Global Term	Global Term	Supported	
			Available for Tagging	Supported	
			Default Label	Supported	
			Create Term	Supported	
			Copy Term	Supported	
			Reuse Terms	Supported	
			Merge Terms	Supported	
			Deprecate Term	Supported	
			Move Term	Supported	
			Delete Term	Supported	
		Local Group	Local Group	Supported	
			Group Name	Supported	
			Group Managers	Supported	

Component				SharePoint 2013 to 2016 Migration	Comment
			Contributors	Supported	
			New Term Sets	Supported	
		Local Term Set	local term set	Supported	
			Term Set Name	Supported	
			Owner	Supported	
			Contact	Supported	
			Stakeholders	Supported	
			Submission Policy	Supported	
			Available For Tagging	Supported	
			Create Term	Supported	
			Copy Term Set	Supported	
			Reuse Terms	Supported	
			Move Term Set	Supported	
			Delete Term Set	Supported	
		Local Term	Local Term	Supported	
			Available For Tagging	Supported	
			Default Label	Supported	
			Create Term	Supported	
			Copy Term	Supported	
			Reuse Terms	Supported	
			Merge Terms	Supported	
			Deprecate Term	Supported	
			Move Term	Supported	
			Delete Term	Supported	
		Keyword	Keyword	Supported	
			Move Keyword	Supported	
			Delete Keyword	Supported	
		Content Type Hub Setting	Content Type Hub Setting	Unsupported	
		Tag & Notes	Tag	Supported	
			Note (site collection)	Supported	

Component				SharePoint 2013 to 2016 Migration	Comment
		Tag Cloud & Note Board Web Part	Tag Cloud (site collection)	Supported	
			Note Board (site collection)	Supported	
		Keyword setting & Rating setting	keyword Setting (site collection)	Supported	
			Rating Setting (site collection)	Supported	
Site Collection Administration	Recycle Bin			Unsupported	
	Search Result Sources			Unsupported	
	Search Result Types			Unsupported	
	Search Query Rules			Unsupported	
	Search Schema			Unsupported	
	Search Settings			Unsupported	
	Search Configuration Import			Unsupported	
	Search Configuration Export			Unsupported	
	Site Collection Features			Supported	
	Site Hierarchy			Supported	
	Site Collection Navigation			Supported	
	Search engine optimization settings			Supported	
	Site Collection Audit Settings			Supported	
	Audit Log Reports			Supported	
	Portal Site Connection			Supported	
	Content Type Policy Templates			Supported	
	Storage Metrics			Supported	
	Site Collection APP Permissions			Supported	
	Site Policies			Supported	
	Site Collection cache profiles			Supported	
	Site Collection object cache			Supported	
	Content type publishing			Supported	
	Site Collection output cache			Supported	
	Popularity and Search Reports			Supported	
	Variations Settings			Supported	
	Variation labels			Supported	

Component		SharePoint 2013 to 2016 Migration	Comment
	Variation logs	Supported	
	Translatable columns	Supported	
	Suggested Content Browser Locations	Supported	
	Help settings	Supported	
	HTML Field Security	Supported	
	SharePoint Designer Settings	Supported	
	Site Collection Health Checks	Supported	
	Site Collection Upgrade	Supported	
	Search scopes	Supported	
	Search keywords	Supported	
	Site collection policies	Supported	
	Visual Upgrade	Supported	
Site Administration	Regional Settings	Supported	
	RSS	Supported	
	Related Links Scope Settings	Supported	
	Site Libraries and Lists	Supported	
	User Alerts	Supported	
	Sites and Workspaces	Supported	
	Site Closure and Deletion	Supported	
	Site Output Cache	Supported	
	Site Variation Settings	Supported	
	Translation Status	Supported	
	Content and Structure	Supported	
	Content and Structure Logs	Supported	
	Search and Offline Availability	Supported	
	Term Store Management	Supported	
	Popularity Trends	Supported	
	Searchable Columns	Supported	
	Workflows	Supported	
	Workflow settings	Supported	
Galleries	Site Content Types	Supported	

Component		SharePoint 2013 to 2016 Migration	Comment
	Site Columns	Supported	
	List Templates	Supported	
	Web Parts	Supported	
	Composed Looks	Supported	
	Master Pages and Page Layouts	Supported	
	Themes	Supported	
	Solutions	Supported	
Look and Feel	Design Manager	Supported	
	Device Channels	Supported	
	Welcome Page	Supported	
	Title, description, and icon	Supported	
	Master page	Supported	
	Page layouts and site templates	Supported	
	Tree view	Supported	
	Change the look	Supported	
	Import Design Package	Supported	
	Navigation	Supported	
	Image Renditions	Supported	
	Site Theme	Supported	
Search	Result Sources	Unsupported	
	Result Types	Unsupported	
	Query Rules	Unsupported	
	Schema	Unsupported	
	Search settings	Unsupported	
	Searchable columns	Unsupported	
	Search and offline availability	Unsupported	
	Configuration Import	Unsupported	
	Configuration Export	Unsupported	
Navigation	Top Link Bar	Supported	
	Quick Launch	Supported	
	Global Navigation	Supported	

Component			SharePoint 2013 to 2016 Migration	Comment
	Current Navigation		Supported	
	Group Navigation		Supported	
Site Actions	Save as Template		Unsupported	
	Site Collection Web Analytics Reports		Supported	
	Site Web Analytics Reports		Supported	
	Reset to Site Definition		Unsupported	
	Delete This Site		Unsupported	
List Property	General Settings	Title, description and navigation	Supported	
		Versioning settings	Supported	
		Advanced settings	Supported	
		Validation settings	Supported	
		Audience targeting settings	Supported	
		Manage item scheduling	Supported	
		Form settings	Supported	
		Per-location view settings	Supported	
		Rating settings	Supported	
		Column default value settings	Supported	
	Permissions and Management	Delete this document library	Unsupported	
		Save as template	Unsupported	
		Manage files which have no checked in version	Supported	
		Workflow settings	Supported	
		Information management policy settings	Partially Supported	Comment 1
		Record declaration settings	Supported	
		Enterprise Metadata and Keywords Settings	Supported	
		Generate file plan report	Supported	
		Permissions for this document library	Supported	
	Communications	RSS settings	Supported	
		Incoming e-mail settings	Supported	
	Columns	Columns\Default	Supported	
		Columns\Custom	Supported	
		Columns Add From Site Column	Supported	

Component			SharePoint 2013 to 2016 Migration	Comment
		Column ordering	Supported	
		Indexed columns	Supported	
	Content Types	Content Types\Default	Supported	
		Content Types\Custom	Supported	
		Content Type Order	Supported	
	Views	Views\Default	Supported	
		Views\Custom	Supported	
		Views\Special List(Discussion Board, Picture Library)	Supported	
		Tabular View	Supported	
		Custom View in SharePoint Designer	Supported	
		View Setting\ Inline Editing	Supported	
	Alerts	User & Group	Supported	
		Same name alert, different settings	Supported	
	Others	Check Out	Supported	
		Information Rights Management	Unsupported	
Template	Site Collection Template	Team Site	Supported	
		Blank	Supported	
		Document Workspace	Supported	
		Blog	Supported	
		Group Work Site	Supported	
		Developer Site	Supported	
		Project Site	Supported	
		Community Site	Supported	
		Basic Meeting Workspace	Supported	
		Blank Meeting Workspace	Supported	
		Decision Meeting Workspace	Supported	
		Social Meeting Workspace	Supported	
		Multipage Meeting Workspace	Supported	
		Document Center	Supported	
		eDiscovery Center	Supported	
		Records Center	Supported	

Component			SharePoint 2013 to 2016 Migration	Comment
		Business Intelligence Center	Supported	
		Enterprise Search Center	Supported	
		My Site Host	Supported	
		Community Portal	Supported	
		Basic Search Center	Supported	
		Visio Process Repository	Supported	
		Publishing Portal	Supported	
		Enterprise Wiki	Supported	
		Product Catalog	Supported	
		Using STSADM Command	Supported	
		SPSTOPIC#0 Topic area template (1033)	Supported	
		SPS#0 SharePoint Portal Server Site (1033)	Supported	
		SPSTOC#0 Contents area Template (1033)	Supported	
	Site Template	Team Site	Supported	
		Blank Site	Supported	
		Document Workspace	Supported	
		Basic Meeting Workspace	Supported	
		Blank Meeting Workspace	Supported	
		Decision Meeting Workspace	Supported	
		Social Meeting Workspace	Supported	
		Multipage Meeting Workspace	Supported	
		Blog	Supported	
		Group Work Site	Supported	
		Assets Web Database	Unsupported	
		Charitable Contributions Web	Unsupported	
		Contacts Web Database	Unsupported	
		Issue Web Database	Unsupported	
		Projects Web Database	Unsupported	
		Project Site	Supported	
		Community Site	Supported	
		Document Center	Supported	

Component			SharePoint 2013 to 2016 Migration	Comment
		Records Center	Supported	
		Business Intelligence Center	Supported	
		Enterprise Search Center	Supported	
		Basic Search Center	Supported	
		Visio Process Repository	Supported	
		Publishing Site	Supported	
		Publishing Site with Workflow	Supported	
		Enterprise Wiki	Supported	
	List Template	Document Library	Supported	
		Form Library	Supported	
		Wiki Page Library	Supported	
		Picture Library	Supported	
		Links	Supported	
		Announcements	Supported	
		Contacts	Supported	
		Calendar	Supported	
		Promoted Links	Supported	
		Discussion Board	Supported	
		Tasks	Supported	
		Project Tasks	Supported	
		Status List	Supported	
		Issue Tracking	Supported	
		Custom List	Supported	
		Custom List in Datasheet View	Supported	
		External List	Unsupported	
		Survey	Supported	
		Data Connection Library	Supported	
		Asset Library	Supported	
		Report Library	Supported	
		Import Spreadsheet	Supported	
		Slide Library	Supported	

Component				SharePoint 2013 to 2016 Migration	Comment
		Style Library		Supported	
		Pages		Supported	
		Media Library		Supported	
		Content Library		Supported	
		Drop off Library		Supported	
		Post		Supported	
		Images		Supported	
		Documents		Supported	
	Others	Document Set		Supported	
		Content Organizer		Supported	
SharePoint Service	Metadata Service	Global	Global Group	Supported	
			Global Term Set	Supported	
			Global Term	Supported	
		Local	Local Group	Supported	
			Local Term Set	Supported	
			Local Term	Supported	
		Keyword		Supported	
		Keyword setting & Rating setting		Supported	
	User Profile Service	Tag & Notes	Tag	Supported	
			Notes	Supported	
			Tag Cloud Web Part	Supported	
			Note Board Web Part	Supported	
		My Site		Supported	
	Search Service	Search Content		Supported	
		Search People		Supported	
		Web Part		Supported	
		Search Center		Supported	
Workflow	SharePoint Built-in Workflow			Supported	
	SharePoint Designer Workflow			Supported	
	Nintex Workflow			Unsupported	

Comment 1: SharePoint 2013 to 2016 Migration does not support the migration of the **Barcodes** property.

Supported and Unsupported Elements for SharePoint 2007 to SharePoint Online Migration

***Note**: Only a workflow's definitions are supported for SharePoint Online.

Component			SharePoint 2007 to SharePoint Online Migration	Comment
Site Collection			Supported	
Site			Supported	
List			Supported	
Folder			Supported	
Item			Supported	
Web Part	Lists and Libraries	List	Supported	
		Library	Supported	
	Business Data	Business Data Actions	Unsupported	
		Business Data Item	Unsupported	
		Business Data Item Builder	Unsupported	
		Business Data List	Unsupported	
		Business Data Related List	Unsupported	
		Excel Web Access	Supported	
		WSRP Consumer Web Part	Unsupported	
	Content Rollup	Site Aggregator	Supported	
	Dashboard	Key Performance Indicators	Supported	
		KPI Details	Supported	
	Default (activated publishing feature)	I Need To…	Supported	
		RSS Viewer	Supported	
		This Week in Pictures	Supported	
		Content Query Web Part	Supported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
		Summary Link Web Part	Supported	
		Table of Contents Web Part	Supported	
	Filter	Business Data Catalog Filter	Unsupported	
		Choice Filter	Unsupported	
		Current User Filter	Unsupported	
		Data Filter	Unsupported	
		Filter Actions	Supported	
		Page Field	Unsupported	
		Query String Filter	Unsupported	
		SharePoint List Filter	Unsupported	
		Text Filter	Unsupported	
	Miscellaneous	Contact Details	Supported	
		Content Editor Web Part	Supported	
		Form Web Part	Partially Supported	Comment 1
		Image Web Part	Partially Supported	
		Page Viewer	Supported	
		Relevant Documents	Supported	
		Site User	Supported	
		User Tasks	Supported	
		XML Web Part	Supported	
	Outlook Web Access	My Calendar	Supported	
		My Contact	Supported	
		My Inbox	Supported	
		My Mail Folder	Supported	
		My Task	Supported	
	Search	Advanced Search Box	Supported	
		Federated Results	Supported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
		People Search Box	Supported	
		People Search Core Results	Supported	
		Search Action Links	Supported	
		Search Best Bets	Supported	
		Search Box	Supported	
		Search Core Results	Supported	
		Search High Confidence Results	Supported	
		Search Paging	Supported	
		Search Statistics	Supported	
		Search Summary	Supported	
		Top Federated Results	Supported	
	Site Directory	Categories	Supported	
		Site in Category	Supported	
		Top Sites	Supported	
Column	Site Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice (Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	
		Currency	Supported	
		Date and Time	Supported	
		Lookup	Supported	
		Yes/No	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	
		Calculated	Supported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
		Full HTML content with formatting and constraints for publishing	Supported	
		Image with formatting and constraints for publishing	Supported	
		Hyperlink with formatting and constraints for publishing	Supported	
		Summary Links data	Supported	
	List Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice (Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	
		Currency	Supported	
		Date and Time	Supported	
		Lookup	Supported	
		Yes/No (check box)	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	
		Calculated	Supported	
		Business Data	Unsupported	
Site Collection Administration	Search settings		Unsupported	
	Search scopes		Unsupported	
	Search keywords		Unsupported	
	Site directory settings		Unsupported	
	Recycle Bin		Unsupported	
	Site Collection Features		Supported	
	Site Hierarchy		Supported	

Component		SharePoint 2007 to SharePoint Online Migration	Comment
	Site Collection Navigation	Supported	
	Site Collection Audit Settings	Unsupported	
	Audit Log Reports	Unsupported	
	Portal Site Connection	Supported	
	Site Collection Policies	Supported	
Site Administration	Regional Settings	Partially Supported	Comment 2
	Site Usage Reports	Unsupported	
	RSS	Supported	
	Search Visibility	Supported	
	Site Features	Supported	
	Related Links Scope Settings	Unsupported	
	Site Libraries and Lists	Supported	
	User Alerts	Supported	
	Sites and Workspaces	Supported	
	Delete This Site	Supported	
	Site Output Cache	Supported	
	Content and Structure	Supported	
	Content and Structure Logs	Unsupported	
Galleries	Site Content Types\Default	Supported	
	Site Content Types\Custom	Supported	
	Site Content Types\Existing Group	Supported	
	Site Content Types\New group	Supported	
	Site Columns\Default	Supported	
	Site Columns\Existing Group	Supported	
	Site Columns\New Group	Supported	
	Site Templates	Unsupported	
	List Templates	Unsupported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
	Web Parts		Unsupported	
	Workflows		Unsupported	
	Master Pages and Page Layouts		Unsupported	
Look and Feel	Master page\Default		Unsupported	
	Master page\Custom		Unsupported	
	Master page\Inheritance		Unsupported	
	Master page\SPD Edit		Unsupported	
	Title, Description, and Icon		Supported	
	Navigation		Supported	
	Navigation Inheritance		Supported	
	Top Link Bar & Quick Launch		Supported	
	Page Layouts and Site Templates		Partially Supported	Comment 3
	Welcome Page		Supported	
	Tree View		Supported	
	Site Theme\Default		Unsupported	
	Site Theme\Custom		Unsupported	
	Save site as Template		Unsupported	
	Searchable Columns		Unsupported	
List Property	General Settings	Title, description and navigation	Supported	
		Versioning settings	Supported	
		Advanced settings	Supported	
		Audience targeting settings	Partially Supported	Comment 4
		Manage item scheduling	Unsupported	
	Permissions and Management	Delete this document library	Supported	
		Save document library as template	Unsupported	
		Manage checked out files	Supported	
		Workflow Settings	Supported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
		Information management policy settings	Supported	
	Communications	RSS Settings	Supported	
	Columns	Columns\Default	Supported	
		Columns\Custom	Supported	
		Columns Add From Site Column	Supported	
		Column Ordering	Partially Supported	Comment 5
		Indexed Columns	Partially Supported	Comment 6
	Content Types	Content Types\Default	Supported	
		Content Types\Custom	Supported	
		Content Type Order	Supported	
	Views	Views\Default	Supported	
		Views\Custom	Supported	
		Views\Special List (Discussion Board, Picture Library)	Supported	
		Personal View	Unsupported	
	Alerts	User & Group	Supported	
		Alert	Supported	
	Others	Check Out	Supported	
		Incoming E-mail setting	Unsupported	
		Information Rights Management	Unsupported	
Template	Site Collection Template	Team Site	Supported	
		Blank Site	Unsupported	
		Document Workspace	Unsupported	
		Wiki Site	Unsupported	
		Blog	Partially Supported	Comment 7
		Basic Meeting Workspace	Unsupported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
		Blank Meeting Workspace	Unsupported	
		Decision Meeting Workspace	Unsupported	
		Social Meeting Workspace	Unsupported	
		Multipage Meeting Workspace	Unsupported	
		Document Center	Unsupported	
		Records Center	Unsupported	
		Site Directory	Unsupported	
		Report Center	Unsupported	
		Search Center with Tabs	Unsupported	
		My Site Host	Supported	
		Search Center	Unsupported	
		My Site	Supported	
		Collaboration Portal	Unsupported	
		Publishing Portal	Partially Supported	Comment 8
	Site Template	Team Site	Supported	
		Blank Site	Supported	
		Document Workspace	Supported	
		Wiki Site	Supported	
		Blog	Supported	
		Basic Meeting workspace	Supported	
		Blank Meeting workspace	Supported	
		Decision Meeting workspace	Supported	
		Social Meeting Workspace	Supported	
		Multipage Meeting workspace	Supported	
		Document Center	Supported	
		Records Center	Supported	
		Site Directory	Supported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
		Report Center	Partially Supported	Comment 9
		Search Center with Tabs	Supported	
		Search Center	Supported	
		Personalization Site	Supported	
		Publishing Site	Supported	
		Publishing Site with Workflow	Supported	
		News site	Partially Supported	Comment 10
	List Template	Shared Documents	Supported	
		Document Library	Supported	
		Form library	Supported	
		Wiki Page library	Supported	
		Picture library	Supported	
		Data Connection Library	Supported	
		Translation Management Library	Supported	
		Slide Library	Supported	
		Announcements	Supported	
		Contacts	Supported	
		Discussion board	Supported	
		Links	Supported	
		Calendar	Supported	
		Tasks	Supported	
		Project Tasks	Supported	
		Issue Tracking	Supported	
		Survey	Partially Supported	Comment 11
		Custom List	Supported	
		Custom List in Datasheet View	Supported	
		Languages and Translate	Supported	

Component			SharePoint 2007 to SharePoint Online Migration	Comment
		KPI List	Supported	
		Import Spreadsheet	Supported	
		Basic Page	Partially Supported	Comment 12
		Web Part Page	Partially Supported	Comment 13
		Publishing Page	Supported	
Target Audience	Navigation		Partially Supported	Comment 4
	Web Part		Partially Supported	
Workflow	SharePoint Built-in Workflow		Partially Supported	Comment 14
	SharePoint Designer Workflow		Partially Supported	
	Nintex Workflow		Unsupported	
Others	Modified Time		Supported	
	Modified By		Partially Supported	Comment 15
	Create Time		Supported	
	Create By		Supported	
	Check Out		Supported	
	Check Out To		Unsupported	
	User Profile		Partially Supported	Comment 16

Comment 1: The connections of the source Image Web parts or Form Web parts cannot be migrated to the destination.

Comment 2: SharePoint 2007 to SharePoint Online Migration does not support the migration of the **Locale** property in **Regional Settings** to protect customer environments.

Comment 3: The **Page layout and site templates** setting can be migrated. However, source site templates cannot be migrated to the destination.

Comment 4: The target audiences configured for navigation items, Web parts, and list items can only be migrated from SharePoint 2007 to SharePoint Online Migration jobs if they are SharePoint groups.

Comment 5: If there are columns with the same names and types in the destination, the column order will be skipped in the migration.

Comment 6: The source indexed columns can only be partially migrated to the destination. The following columns cannot be migrated: Content Type, Created, Created_x0020_Date, Modified, and Workflow Instance ID.

Comment 7: The default page of the migrated site collection whose template is **Blog** displayed incorrectly after migration.

Comment 8: The images in the default page of the migrated site collection whose template is **Publishing Portal** cannot be displayed after migration.

Comment 9: The SharePoint 2007 to SharePoint Online Migration job will finish with exception. Some of the content will not be migrated to the destination.

Comment 10: The built-in **News Archive** page of the migrated site whose template is **News Site** cannot be opened after migration.

Comment 11: Run the SharePoint 2007 to SharePoint Online Migration job twice. The display name of items in the source Survey list are displayed incorrectly in the destination Survey list that is under the **All Responses** view after the migration.

Comment 12: The style of **Basic Page** in SharePoint 2007 and that in SharePoint Online are different. After the migration, the migrated **Basic Page** keeps the SharePoint 2007 style.

Comment 13: The style of **Web Part Page** in SharePoint 2007 and that in SharePoint Online are different. After the migration, the migrated **Web Part Page** keeps the SharePoint 2007 style.

Comment 14: The workflow instance of SharePoint built-in workflow or designer workflow cannot be migrated to SharePoint Online. However, the workflow works normally.

Comment 15: The **Modified By** column values of the minor versions for source files cannot be kept according to the configured user mapping in the SharePoint 2007 to SharePoint Online Migration job.

Comment 16: By default, ten user profile properties are migrated in one group. If one of these properties has the **false** value for the **IsUserEditable** parameter, the properties in the group will not be migrated.

Supported and Unsupported Elements for SharePoint 2010 to SharePoint Online Migration

***Note**: Only a workflow's definitions are supported for SharePoint Online.

Component			SharePoint 2010 to SharePoint Online Migration	Comment
Site Collection			Supported	
Site			Supported	
List			Supported	
Folder			Supported	
Item			Supported	
Web Part	Lists and Libraries	List	Supported	
		Library	Supported	
		Content and Structure Reports	Supported	
		Customized Reports	Supported	
	Business Data	Business Data Actions	Unsupported	
		Business Data Connectivity Filter	Unsupported	
		Business Data Item	Unsupported	
		Business Data Item Builder	Unsupported	
		Business Data List	Unsupported	
		Business Data Related List	Unsupported	
		Excel Web Access	Supported	
		Chart Web Part	Supported	
		Indicator Details	Supported	
		Status Lists	Supported	
		Visio Web Access	Supported	
		WSRP Consumer Web Part	Supported	
		Categories	Supported	
	Content Rollup	Site Aggregator	Supported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
		Content Query	Supported	
		Table of Contents	Supported	
		Site in Category	Supported	
		WSRP Viewer	Partially Supported	Comment 1
		XML Viewer	Supported	
		Summary Link	Supported	
		Rss Viewer	Supported	
		Relevant Document	Supported	
		Web Analytic Web Part	Supported	
	Media and Content	Content Editor	Supported	
		Image Viewer	Partially Supported	Comment 2
		Media Web Part	Supported	
		Page Viewer	Supported	
		Picture Library Slideshow Web Part	Supported	
		Silverlight Web Part	Partially Supported	Comment 1
	Filter	Apply Filters Button	Unsupported	
		Choice Filter	Unsupported	
		Current User Filter	Unsupported	
		Data Filter	Unsupported	
		Page Field Filter	Unsupported	
		Query String Filter	Unsupported	
		SharePoint List Filter	Unsupported	
		SQL Server Analysis Services Filter	Unsupported	
		Text Filter	Unsupported	
	Social Collaboration	Contact Details	Supported	
		Note Board	Supported	
		Organization Browser	Unsupported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
		Tag Cloud	Supported	
		Site Users	Partially Supported	Comment 3
		User Tasks	Supported	
	Search	Advanced Search Box	Supported	
		Dual Chinese Search	Supported	
		Federated Results	Supported	
		People Refinement Panel	Supported	
		People Search Box	Supported	
		People Search Core Results	Supported	
		Refinement Panel	Supported	
		Related Queries	Supported	
		Search Action Links	Supported	
		Search Best Bets	Supported	
		Search Box	Supported	
		Search Core Results	Supported	
		Search Paging	Supported	
		Search Statistics	Supported	
		Search Summary	Supported	
		Search Visual Best Bet	Supported	
		Top Federated Results	Supported	
	Forms	HTML Form Web Part	Supported	
		Info Path Form Web Part	Supported	
Column	Site Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice (Drop-down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
		Currency	Supported	
		Date and Time	Supported	
		Lookup	Supported	
		Yes/No	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	
		Calculated	Supported	
		Full HTML content with formatting and constraints for publishing	Supported	
		Image with formatting and constraints for publishing	Supported	
		Hyperlink with formatting and constraints for publishing	Supported	
		Summary Links data	Supported	
		Rich media data for publishing	Supported	
		Manager Metadata (Global term)	Supported	
		Manager Metadata (Local term)	Supported	
	List Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice(Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	
		Currency	Supported	
		Date and Time	Supported	
		Lookup	Supported	
		Yes/No (check box)	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
		Calculated	Supported	
		External Data	Unsupported	
		Manager Metadata (Global term)	Supported	
		Manager Metadata (Local term）	Supported	
Site Collection Administration	Search Settings		Unsupported	
	Search Scopes		Unsupported	
	Search Keywords		Unsupported	
	FAST Search Keywords		Unsupported	
	FAST Search site promotion and demotion		Unsupported	
	FAST Search user context		Unsupported	
	Recycle Bin		Unsupported	
	Site Collection Features		Supported	
	Site Hierarchy		Supported	
	Site Collection Navigation		Supported	
	Site Collection Audit Settings		Unsupported	
	Audit Log Reports		Unsupported	
	Portal Site Connection		Supported	
	Site Collection Policies		Supported	
	Storage Metrics		Unsupported	
	Site Collection Cache Profiles		Unsupported	
	Site Collection Object Cache		Unsupported	
	Site Collection Output Cache		Partially Supported	Comment 4
	Content Type Publishing		Supported	
	Variations		Supported	
	Variation Labels		Supported	
	Translatable columns		Unsupported	
	Variation Logs		Supported	

Component		SharePoint 2010 to SharePoint Online Migration	Comment
	Suggested Content Browser Locations	Supported	
	SharePoint Designer Settings	Supported	
	Visual Upgrade	Unsupported	
	Help Settings	Supported	
Site Administration	Regional Settings	Partially Supported	Comment 5
	RSS	Supported	
	Related Links Scope Settings	Unsupported	
	Site Libraries and Lists	Supported	
	User Alerts	Supported	
	Sites and Workspaces	Supported	
	Site Output Cache	Partially Supported	Comment 4
	Content and Structure	Supported	
	Content and Structure Logs	Supported	
	Search and Offline Availability	Unsupported	
	Term Store Management	Supported	
	Searchable Columns	Unsupported	
	Workflows	Unsupported	
	Workflow Settings	Supported	
	Manage Site Features	Supported	
Galleries	Site Content Types	Supported	
	Site Columns	Supported	
	List Templates	Unsupported	
	Web Parts	Unsupported	
	InfoPath	Supported	
	Master Pages and Page Layouts	Supported	
	Themes	Unsupported	
	Solutions	Unsupported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
Look and Feel	Master page		Supported	
	Title, Description, and Icon		Supported	
	Page Layouts and Site Templates		Partially Supported	Comment 6
	Welcome Page		Supported	
	Tree View		Supported	
	Site Theme		Unsupported	
Navigation	Top Link Bar		Supported	
	Quick Launch		Supported	
	Global Navigation		Supported	
	Current Navigation		Supported	
	Group Navigation		Supported	
List Property	General Settings	Title, description and navigation	Supported	
		Versioning settings	Supported	
		Advanced settings	Supported	
		Validation settings	Supported	
		Audience targeting settings	Partially Supported	Comment 7
		Manage item scheduling	Supported	
		Form settings	Supported	
		Per-location view settings	Supported	
		Rating settings	Supported	
		Column default value settings	Supported	
	Permissions and Management	Delete this document library	Supported	
		Save as template	Unsupported	
		Manage checked out files	Supported	
		Workflow Settings	Supported	
		Information management policy settings	Supported	
		Record declaration settings	Supported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
		Enterprise Metadata and Keywords Settings	Supported	
		Generate file plan report	Supported	
		Permissions for this document library	Supported	
	Communications	RSS Settings	Supported	
		Incoming E-mail Settings	Unsupported	
	Columns	Columns\Default	Supported	
		Columns\Custom	Supported	
		Columns Add From Site Column	Supported	
		Column Ordering	Supported	
		Indexed Columns	Partially Supported	Comment 8
	Content Types	Content Types\Default	Supported	
		Content Types\Custom	Supported	
		Content Type Order	Supported	
	Views	Views\Default	Supported	
		Views\Custom	Supported	
		Views\Special List(Discussion Board, Picture Library)	Supported	
		Tabular View	Partially Supported	Comment 9
		Personal View	Unsupported	
		View Setting\ Inline Editing	Unsupported	
	Alerts	User & Group	Supported	
		Same name alert, different settings	Supported	
	Others	Check Out	Supported	
Template	Site Collection Template	Document Workspace	Unsupported	
		Blog	Supported	
		Group Work Site	Unsupported	
		Visio Process Repository	Supported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
		Blank Site	Unsupported	
		Team Site	Supported	
		Basic Meeting workspace	Unsupported	
		Blank Meeting workspace	Unsupported	
		Decision Meeting workspace	Unsupported	
		Social Meeting Workspace	Unsupported	
		Multipage Meeting workspace	Unsupported	
		Document Center	Supported	
		Records center	Supported	
		Business Intelligence Center	Supported	
		Enterprise Search Center	Supported	
		My Site Host	Supported	
		Basic Search Center	Supported	
		Fast Search Center	Unsupported	
		Publishing Portal	Supported	
		Enterprise Wiki	Supported	
		My Site	Supported	
	Site Template	Team Site	Supported	
		Blank Site	Supported	
		Document Workspace	Supported	
		Assets Web Database	Unsupported	
		Blog	Supported	
		Basic Meeting workspace	Supported	
		Blank Meeting workspace	Supported	
		Decision Meeting workspace	Partially Supported	Comment 10
		Social Meeting Workspace	Supported	
		Multipage Meeting workspace	Supported	

Component			SharePoint 2010 to SharePoint Online Migration	Comment
		Document Center	Supported	
		Records Center	Supported	
		Charitable Contributions Web	Unsupported	
		Enterprise Search Center	Supported	
		Basic Search Center	Supported	
		Fast Search Center	Unsupported	
		Personalization Site	Unsupported	
		Publishing Site	Supported	
		Publishing Site with Workflow	Supported	
		Contacts Web Database	Unsupported	
		Enterprise Wiki	Supported	
		Group Work Site	Supported	
		Issues Web Database	Unsupported	
		Projects Web Database	Unsupported	
		Visio Process Repository	Supported	
	List Template	Documents	Supported	
		Document Library	Supported	
		Form library	Supported	
		Wiki Page library	Supported	
		Picture library	Supported	
		Data Connection Library	Supported	
		Asset Library	Supported	
		Slide Library	Supported	
		Announcements	Supported	
		Contacts	Supported	
		Discussion Board	Supported	
		Links	Supported	

Component				SharePoint 2010 to SharePoint Online Migration	Comment
		Calendar		Supported	
		Tasks		Supported	
		Project Task		Supported	
		Issue Tracking		Supported	
		Survey		Partially Supported	Comment 11
		Custom List		Supported	
		Report Library		Supported	
		External List		Unsupported	
		Status List		Supported	
		Import Spreadsheet		Supported	
		Pages		Supported	
		Style Library		Supported	
		Drop off Library		Supported	
		Post		Supported	
		Images		Supported	
	Others	Document Set		Supported	
		Content Organizer		Supported	
SharePoint Service	Metadata Service	Global	Global group	Supported	
			Global term set	Supported	
			Global term	Supported	
		Local	Local group	Supported	
			Local term set	Supported	
			Local term	Supported	
		Keyword		Supported	
		Keyword setting & Rating setting		Supported	
	User Profile Service	Tag & Notes	Tag	Supported	
			Notes	Unsupported	

Component				SharePoint 2010 to SharePoint Online Migration	Comment
			Tag Cloud Web Part	Supported	
			Note Board Web Part	Supported	
		My Site		Supported	
		User Profile		Partially Supported	Comment 12
Target Audience	Navigation			Partially Supported	Comment 7
	Web Part			Partially Supported	
Workflow	SharePoint Built-in Workflow			Supported	
	SharePoint Designer Workflow			Supported	
	Nintex Workflow			Unsupported	
Others	Modified Time			Supported	
	Modified By			Supported	
	Created Time			Supported	
	Created By			Supported	
	Check Out Status			Supported	
	Check Out To			Unsupported	
	User Profile			Supported	

Comment 1: SharePoint 2010 to SharePoint Online Migration supports the migration of these Web part with comment settings. The Web parts with specific settings are not tested.

Comment 2: The connections of the source Image Viewer Web parts cannot be migrated to the destination.

Comment 3: The **NT AUTHORITY\Authenticated Users** is added to the migrated Site Users Web part in the destination.

Comment 4: The source anonymous cache profiles are migrated to the destination. However, the **Anonymous Cache Profile** used in the **Output Cache Settings** of the migrated site collection/site in the destination uses the default setting.

Comment 5: SharePoint 2010 to SharePoint Online Migration does not support the migration of the **Locale** property in **Regional Settings** to protect customer environments.

Comment 6: The **Page layout and site templates** setting can be migrated. However, source site templates cannot be migrated to the destination.

Comment 7: The target audiences configured for navigation items, Web parts, and list items can only be migrated from SharePoint 2010 to SharePoint Online Migration jobs if they are SharePoint groups.

Comment 8: The source indexed columns can only be partially migrated to the destination. The following columns cannot be migrated: Content Type, Created, Created_x0020_Date, Modified, and Workflow Instance ID.

Comment 9: The **Tabular View** settings of the migrated list are different with that of the source list.

Comment 10: The tasks in the migrated site whose template is **Decision Meeting Workspace** displayed differently from the source tasks.

Comment 11: Run the SharePoint 2010 to SharePoint Online Migration job twice. The display names of items in the source Survey list are displayed incorrectly in the destination Survey list that is under the **All Responses** view after the migration.

Comment 12: SharePoint 2010 to SharePoint Online Migration only supports the migration for user profiles when the selected source node contains My Site.

Supported and Unsupported Elements for SharePoint 2013 to SharePoint Online Migration

***Note**: Only a workflow's definitions are supported for SharePoint Online.

Component			SharePoint 2013 to SharePoint Online Migration	Comment
Site Collection			Supported	
Site			Supported	
List			Supported	
Folder			Supported	
Item			Supported	
Web Part	Supported	List	Supported	
		Library	Supported	
		Content and Structure Reports	Supported	
		Customized Reports	Supported	
		Reusable Content	Supported	
		MicroFeed	Supported	
	Blog	Blog Archives	Supported	
		Blog Notifications	Supported	
		Blog Tools	Supported	
	Business Data	Business Data Actions	Unsupported	
		Business Data Connectivity Filter	Unsupported	
		Business Data Item	Unsupported	
		Business Data Item Builder	Unsupported	
		Business Data List	Unsupported	
		Business Data Related List	Unsupported	
		Excel Web Access	Supported	
		Indicator Details	Supported	
		Status Lists	Supported	
		Visio Web Access	Supported	
	Community	About this community	Supported	
		Join	Supported	

Component			SharePoint 2013 to SharePoint Online Migration	Comment
		My membership	Supported	
		Tools	Supported	
		What's happening	Supported	
	Content Rollup	Categories	Supported	
		Content Query	Supported	
		Content Search	Supported	
		Project Summary	Supported	
		Relevant Documents	Supported	
		RSS Viewer	Supported	
		Site Aggregator	Supported	
		Site in Category	Supported	
		Summary Links	Supported	
		Table Of Contents	Supported	
		Term Property	Supported	
		Timeline	Supported	
		WSRP Viewer	Supported	
		XML Viewer	Supported	
	Media and Content	Content Editor	Supported	
		Get started with your site	Supported	
		Image Viewer	Supported	
		Media Web Part	Supported	
		Page Viewer	Supported	
		Picture Library Slideshow Web Part	Supported	
		Script Editor	Supported	
		Silverlight Web Part	Supported	
	Filter	Apply Filters Button	Supported	
		Choice Filter	Supported	
		Current User Filter	Supported	
		Data Filter	Supported	
		Page Field Filter	Supported	

Component			SharePoint 2013 to SharePoint Online Migration	Comment
		Query String Filter	Supported	
		SharePoint List Filter	Supported	
		SQL Server Analysis Services Filter	Supported	
		Text Filter	Supported	
	Social Collaboration	Contact Details	Supported	
		Note Board	Supported	
		Organization Browser	Supported	
		Tag Cloud	Supported	
		Site Users	Supported	
		User Tasks	Supported	
	Search	Refinement	Supported	
		Search Box	Supported	
		Search Navigation	Supported	
		Search Results	Supported	
		Taxonomy Refinement Panel	Supported	
	Search-Driven Content	Catalog-Item Reuse	Supported	
		Items Matching a Tag	Supported	
		Pages	Supported	
		Pictures	Supported	
		Popular Items	Supported	
		Recently Changed Items	Supported	
		Videos	Supported	
		Web Pages	Supported	
		Wiki Pages	Supported	
	Forms	HTML Form Web Part	Supported	
		Info Path Form Web Part	Supported	
Column	Site Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice (Drop-down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	

Component			SharePoint 2013 to SharePoint Online Migration	Comment
		Currency	Supported	
		Date and Time	Supported	
		Lookup	Supported	
		Yes/No	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	
		Calculated	Supported	
		Task Outcome	Supported	
		Full HTML content with formatting and constraints for publishing	Supported	
		Image with formatting and constraints for publishing	Supported	
		Hyperlink with formatting and constraints for publishing	Supported	
		Summary Links data	Supported	
		Rich media data for publishing	Supported	
		Manager Metadata (Global term)	Supported	
		Manager Metadata (Local term)	Supported	
	List Column	Single line of text	Supported	
		Multiple lines of text	Supported	
		Choice(Drop-Down Menu, Radio Buttons, Checkboxes)	Supported	
		Number	Supported	
		Currency	Supported	
		Date and Time	Supported	
		Lookup	Supported	
		Yes/No (check box)	Supported	
		Person or Group	Supported	
		Hyperlink or Picture	Supported	
		Calculated	Supported	
		Task Outcome	Supported	
		External Data	Unsupported	
		Manager Metadata (Global term)	Supported	

Component				SharePoint 2013 to SharePoint Online Migration	Comment
		Manager Metadata (Local term）		Supported	
	Source Parent Column	Folder Level		Supported	
		Item Level		Supported	
		List Level (import from site)		Supported	
	Metadata Column	Global Group	Global Group	Supported	
			Group Name	Supported	
			Group Managers	Supported	
			Contributors	Supported	
			New Term Sets	Supported	
		Global Term Set	Global Term Set	Supported	
			Term Set Name	Supported	
			Owner	Supported	
			Contact	Supported	
			Stakeholders	Supported	
			Submission Policy	Supported	
			Available For Tagging	Supported	
			Create Term	Supported	
			Copy Term Set	Supported	
			Reuse Terms	Supported	
			Move Term Set	Supported	
			Delete Term Set	Supported	
		Global Term	Global Term	Supported	
			Available for Tagging	Supported	
			Default Label	Supported	
			Create Term	Supported	
			Copy Term	Supported	
			Reuse Terms	Supported	
			Merge Terms	Supported	
			Deprecate Term	Supported	
			Move Term	Supported	

Component				SharePoint 2013 to SharePoint Online Migration	Comment
			Delete Term	Supported	
		Local Group	Local Group	Supported	
			Group Name	Supported	
			Group Managers	Supported	
			Contributors	Supported	
			New Term Sets	Supported	
		Local Term Set	local term set	Supported	
			Term Set Name	Supported	
			Owner	Supported	
			Contact	Supported	
			Stakeholders	Supported	
			Submission Policy	Supported	
			Available For Tagging	Supported	
			Create Term	Supported	
			Copy Term Set	Supported	
			Reuse Terms	Supported	
			Move Term Set	Supported	
			Delete Term Set	Supported	
		Local Term	Local Term	Supported	
			Available For Tagging	Supported	
			Default Label	Supported	
			Create Term	Supported	
			Copy Term	Supported	
			Reuse Terms	Supported	
			Merge Terms	Supported	
			Deprecate Term	Supported	
			Move Term	Supported	
			Delete Term	Supported	
		Keyword	Keyword	Supported	
			Move Keyword	Supported	

Component				SharePoint 2013 to SharePoint Online Migration	Comment
			Delete Keyword	Supported	
		Content Type Hub Setting	Content Type Hub Setting	Unsupported	
		Tag & Notes	Tag	Supported	
			Note (site collection)	Supported	
		Tag Cloud & Note Board Web Part	Tag Cloud (site collection)	Supported	
			Note Board (site collection)	Supported	
		Keyword setting & Rating setting	keyword Setting (site collection)	Supported	
			Rating Setting (site collection)	Supported	
Site Collection Administration	Recycle Bin			Unsupported	
	Search Result Sources			Unsupported	
	Search Result Types			Unsupported	
	Search Query Rules			Supported	
	Search Schema			Supported	
	Search Settings			Unsupported	
	Search Configuration Import			Supported	
	Search Configuration Export			Supported	
	Site Collection Features			Supported	
	Site Hierarchy			Supported	
	Site Collection Navigation			Supported	
	Search engine optimization settings			Supported	
	Site Collection Audit Settings			Supported	
	Audit Log Reports			Supported	
	Portal Site Connection			Supported	
	Content Type Policy Templates			Unsupported	
	Storage Metrics			Supported	
	Site Collection APP Permissions			Supported	
	Site Policies			Supported	

Component		SharePoint 2013 to SharePoint Online Migration	Comment
	Site Collection cache profiles	Unsupported	
	Site Collection object cache	Unsupported	
	Content type publishing	Supported	
	Site Collection output cache	Supported	
	Popularity and Search Reports	Supported	
	Variations Settings	Supported	
	Variation labels	Supported	
	Variation logs	Supported	
	Translatable columns	Supported	
	Suggested Content Browser Locations	Supported	
	Help settings	Unsupported	
	HTML Field Security	Unsupported	
	SharePoint Designer Settings	Supported	
	Site Collection Health Checks	Supported	
	Site Collection Upgrade	Supported	
Site Administration	Regional Settings	Supported	
	RSS	Supported	
	Related Links Scope Settings	Supported	
	Site Libraries and Lists	Supported	
	User Alerts	Supported	
	Sites and Workspaces	Supported	
	Site Closure and Deletion	Supported	
	Site Output Cache	Supported	
	Site Variation Settings	Supported	
	Translation Status	Supported	
	Content and Structure	Supported	
	Content and Structure Logs	Supported	
	Search and Offline Availability	Supported	
	Term Store Management	Supported	
	Popularity Trends	Supported	

Component		SharePoint 2013 to SharePoint Online Migration	Comment
	Searchable Columns	Supported	
	Workflows	Supported	
	Workflow settings	Supported	
Web Designer Galleries	Site Content Types	Supported	
	Site Columns	Supported	
	List Templates	Unsupported	
	Web Parts	Unsupported	
	Composed Looks	Unsupported	
	Master Pages and Page Layouts	Supported	
	Themes	Unsupported	
	Solutions	Unsupported	
Look and Feel	Design Manager	Supported	
	Device Channels	Supported	
	Welcome Page	Supported	
	Title, description, and icon	Supported	
	Master page	Supported	
	Page layouts and site templates	Partially Supported	Comment 1
	Tree view	Supported	
	Change the look	Supported	
	Import Design Package	Supported	
	Navigation	Supported	
	Image Renditions	Supported	
	Site Theme	Unsupported	
Search	Result Sources	Unsupported	
	Result Types	Unsupported	
	Query Rules	Supported	
	Schema	Supported	
	Search settings	Unsupported	
	Searchable columns	Supported	
	Search and offline availability	Supported	

Component			SharePoint 2013 to SharePoint Online Migration	Comment
	Configuration Import		Supported	
	Configuration Export		Supported	
Navigation	Top Link Bar		Supported	
	Quick Launch		Supported	
	Global Navigation		Supported	
	Current Navigation		Supported	
	Group Navigation		Supported	
Site Actions	Save as Template		Unsupported	
	Site Collection Web Analytics Reports		Unsupported	
	Site Web Analytics Reports		Unsupported	
	Reset to Site Definition		Unsupported	
	Delete This Site		Unsupported	
List Property	General Settings	Title, description and navigation	Supported	
		Versioning settings	Supported	
		Advanced settings	Supported	
		Validation settings	Supported	
		Audience targeting settings	Partially Supported	Comment 2
		Manage item scheduling	Supported	
		Form settings	Supported	
		Per-location view settings	Supported	
		Rating settings	Supported	
		Column default value settings	Supported	
	Permissions and Management	Delete this document library	Supported	
		Save as template	Supported	
		Manage files which have no checked in version	Supported	
		Workflow settings	Supported	
		Information management policy settings	Supported	
		Record declaration settings	Supported	
		Enterprise Metadata and Keywords Settings	Supported	
		Generate file plan report	Supported	

Component			SharePoint 2013 to SharePoint Online Migration	Comment
		Permissions for this document library	Supported	
	Communications	RSS settings	Supported	
		Incoming e-mail settings	Unsupported	
	Columns	Columns\Default	Supported	
		Columns\Custom	Supported	
		Columns Add From Site Column	Supported	
		Column ordering	Supported	
		Indexed columns	Supported	
	Content Types	Content Types\Default	Supported	
		Content Types\Custom	Supported	
		Content Type Order	Supported	
	Views	Views\Default	Supported	
		Views\Custom	Supported	
		Views\Special List(Discussion Board, Picture Library)	Supported	
		Tabular View	Supported	
		Custom View in SharePoint Designer	Supported	
		View Setting\ Inline Editing	Unsupported	
	Alerts	User & Group	Supported	
		Same name alert, different settings	Supported	
	Others	Check Out	Supported	
		Information Rights Management	Unsupported	
Template	Site Collection Template	Team Site	Supported	
		Blank	Supported	
		Document Workspace	Supported	
		Blog	Supported	
		Group Work Site	Supported	
		Developer Site	Supported	
		Project Site	Supported	
		Community Site	Supported	
		Basic Meeting Workspace	Supported	

Component			SharePoint 2013 to SharePoint Online Migration	Comment
		Blank Meeting Workspace	Supported	
		Decision Meeting Workspace	Supported	
		Social Meeting Workspace	Supported	
		Multipage Meeting Workspace	Supported	
		Document Center	Supported	
		eDiscovery Center	Supported	
		Records Center	Supported	
		Business Intelligence Center	Supported	
		Enterprise Search Center	Supported	
		My Site Host	Supported	
		Community Portal	Supported	
		Basic Search Center	Supported	
		Visio Process Repository	Supported	
		Publishing Portal	Supported	
		Enterprise Wiki	Supported	
		Product Catalog	Supported	
	Site Template	Team Site	Supported	
		Blank Site	Supported	
		Document Workspace	Supported	
		Basic Meeting Workspace	Supported	
		Blank Meeting Workspace	Supported	
		Decision Meeting Workspace	Supported	
		Social Meeting Workspace	Supported	
		Multipage Meeting Workspace	Supported	
		Blog	Supported	
		Group Work Site	Supported	
		Assets Web Database	Unsupported	
		Charitable Contributions Web	Unsupported	
		Contacts Web Database	Unsupported	
		Issue Web Database	Unsupported	

Component			SharePoint 2013 to SharePoint Online Migration	Comment
		Projects Web Database	Unsupported	
		Project Site	Supported	
		Community Site	Supported	
		Document Center	Supported	
		Records Center	Supported	
		Business Intelligence Center	Supported	
		Enterprise Search Center	Supported	
		Basic Search Center	Supported	
		Visio Process Repository	Supported	
		Publishing Site	Supported	
		Publishing Site with Workflow	Supported	
		Enterprise Wiki	Supported	
	List Template	Document Library	Supported	
		Form Library	Supported	
		Wiki Page Library	Unsupported	
		Picture Library	Supported	
		Links	Supported	
		Announcements	Supported	
		Contacts	Supported	
		Calendar	Supported	
		Promoted Links	Supported	
		Discussion Board	Supported	
		Tasks	Supported	
		Issue Tracking	Supported	
		Custom List	Supported	
		Custom List in Datasheet View	Supported	
		External List	Unsupported	
		Survey	Supported	
		Data Connection Library	Supported	
		Asset Library	Supported	

Component				SharePoint 2013 to SharePoint Online Migration	Comment
		Report Library		Supported	
		Import Spreadsheet		Supported	
		Media Library		Supported	
		Content Library		Supported	
		Drop off Library		Supported	
		Post		Supported	
		Images		Supported	
		Documents		Supported	
	Others	Document Set		Supported	
		Content Organizer		Supported	
SharePoint Service	Metadata Service	Global	Global Group	Supported	
			Global Term Set	Supported	
			Global Term	Supported	
		Local	Local Group	Supported	
			Local Term Set	Supported	
			Local Term	Supported	
		Keyword		Supported	
		Keyword setting & Rating setting		Supported	
	User Profile Service	Tag & Notes	Tag	Supported	
			Notes	Unsupported	
			Tag Cloud Web Part	Supported	
			Note Board Web Part	Supported	
		My Site		Supported	
	Search Service	Search Content		Supported	
		Search People		Supported	
		Web Part		Supported	
		Search Center		Supported	
Target Audience	Navigation			Partially Supported	Comment 2
	Web Part			Partially Supported	
Workflow	SharePoint Built-in Workflow			Supported	

Component		SharePoint 2013 to SharePoint Online Migration	Comment
	SharePoint Designer Workflow	Supported	
	Nintex Workflow	Partially Supported	Comment 3

Comment 1: The **Page layout and site templates** setting can be migrated. However, source site templates cannot be migrated to the destination.

Comment 2: The target audiences configured for navigation items, Web parts, and list items can only be migrated from SharePoint 2013 to SharePoint Online Migration jobs if they are SharePoint groups.

Comment 3: Refer to Supported and Unsupported Activities for Nintex Workflow in SharePoint 2013 to SharePoint Online Migration for information on the supported and unsupported activities for Nintex workflow in SharePoint 2013 to SharePoint Online Migration.

Supported and Unsupported Activities for Nintex Workflow in SharePoint 2013 to SharePoint Online Migration

Please refer to the following table for the supported and unsupported activities for Nintex workflow:

Activity Name	SharePoint 2013 to SharePoint Online Migration	Comment
Web request	Supported	
Set approval status	Supported	
Create item	Supported	
Check out item	Supported	
Delete item	Supported	
Discard check out	Supported	
Update item	Supported	
Copy item	Supported	
Check in item	Supported	
Set a condition	Partially Supported	Comment 1
Filter	Supported	

Activity Name	SharePoint 2013 to SharePoint Online Migration	Comment
Run parallel actions	Supported	
Change state	Supported	
Switch	Supported	
Loop	Supported	
For each	Partially Supported	Comment 2
Run if	Supported	
State machine	Supported	
Calculate date	Supported	
Pause until...	Supported	
End workflow	Supported	
Math operation	Supported	
Set variable	Supported	
Log in history list	Supported	
Build string	Supported	
Pause for...	Supported	
Terminate workflow	Supported	
Convert value	Supported	
Set workflow status	Supported	
Request approval	Supported	
Send notification	Supported	

Comment 1: The **Title field contains keywords** condition does not exist in SharePoint Online.

Comment 2: The workflow definition that contains the **For each** action cannot be migrated to the destination if the types of variables of the source and destination **For each** workflow action are different.

Supported and Unsupported Elements for SharePoint High Speed Migration

Component		SharePoint 2007 to SharePoint Online High Speed Migration	SharePoint 2010 to SharePoint Online High Speed Migration	SharePoint 2013 to SharePoint Online High Speed Migration	Comment
List	Document library	Supported	Supported	Supported	
	Form Library	Supported	Supported	Supported	
	Wiki Page Library	Unsupported	Unsupported	Unsupported	
	Picture Library	Supported	Supported	Supported	
	Links	Supported	Supported	Supported	
	Announcements	Supported	Supported	Supported	
	Contacts	Supported	Supported	Supported	
	Calendar	Supported	Supported	Supported	
	Discussion Board	Supported	Supported	Supported	
	Languages and Translators	Supported	Unsupported	Unsupported	
	Promoted Links	Unsupported	Unsupported	Supported	
	Tasks	Supported	Supported	Supported	
	Project Task	Supported	Supported	Unsupported	
	Issue Tracking	Supported	Supported	Supported	
	Custom List	Supported	Supported	Supported	
	Custom List in Datasheet View	Supported	Supported	Supported	
	Survey	Supported	Supported	Supported	
	KPI List	Partially Supported	Unsupported	Unsupported	Comment 1
	Asset Library	Unsupported	Supported	Supported	
	Report Library	Supported	Supported	Supported	
	Import Spreadsheet	Supported	Supported	Supported	
	Pages Library	Unsupported	Unsupported	Unsupported	
	Slide Library	Supported	Supported	Unsupported	
	Status List	Unsupported	Supported	Unsupported	
	External List	Unsupported	Unsupported	Unsupported	
	Translation Management Library	Supported	Unsupported	Unsupported	

Component		SharePoint 2007 to SharePoint Online High Speed Migration	SharePoint 2010 to SharePoint Online High Speed Migration	SharePoint 2013 to SharePoint Online High Speed Migration	Comment
	Data Connection Library	Supported	Supported	Supported	
	List View	Unsupported	Unsupported	Unsupported	
	List Property	Supported	Supported	Supported	
	List Security	Partially Supported	Partially Supported	Partially Supported	Comment 2
Folder	Version	Unsupported	Unsupported	Unsupported	
	Approve Status	Supported	Supported	Supported	
	Security	Partially Supported	Partially Supported	Partially Supported	Comment 2
File	DOC	Supported	Supported	Supported	
	DOCX	Supported	Supported	Supported	
	XLS	Supported	Supported	Supported	
	XLSX	Supported	Supported	Supported	
	PPT	Supported	Supported	Supported	
	PPTX	Supported	Supported	Supported	
	JPG	Supported	Supported	Supported	
	JPEG	Supported	Supported	Supported	
	PNG	Supported	Supported	Supported	
	BMP	Supported	Supported	Supported	
	GIF	Supported	Supported	Supported	
	MP3	Supported	Supported	Supported	
	PDF	Supported	Supported	Supported	
	XSN	Supported	Supported	Supported	
	ZIP	Supported	Supported	Supported	
	RAR	Supported	Supported	Supported	
	TXT	Supported	Supported	Supported	
	Major Version	Partially Supported	Partially Supported	Partially Supported	
	Minor Version	Partially Supported	Partially Supported	Partially Supported	Comment 3
	Approve Status	Supported	Supported	Supported	

Component		SharePoint 2007 to SharePoint Online High Speed Migration	SharePoint 2010 to SharePoint Online High Speed Migration	SharePoint 2013 to SharePoint Online High Speed Migration	Comment
	Check Out Status	Unsupported	Unsupported	Unsupported	
	Security	Partially Supported	Partially Supported	Partially Supported	Comment 2
Item	Version	Partially Supported	Partially Supported	Partially Supported	Comment 3
	Attachment	Supported	Supported	Supported	
	Approve Status	Supported	Supported	Supported	
	Security	Partially Supported	Partially Supported	Partially Supported	Comment 2
Column	Single line of text	Supported	Supported	Supported	
	Multiple lines of text	Supported	Supported	Supported	
	Choice	Supported	Supported	Supported	
	Number	Supported	Supported	Supported	
	Currency	Supported	Supported	Supported	
	Date and Time	Supported	Supported	Supported	
	Lookup	Partially Supported	Partially Supported	Partially Supported	Comment 4
	Yes/No	Supported	Supported	Supported	
	Person or Group	Partially Supported	Partially Supported	Partially Supported	Comment 5
	Hyperlink or Picture	Partially Supported	Partially Supported	Partially Supported	Comment 6
	Calculated	Supported	Supported	Supported	
	Managed Metadata	Unsupported	Supported	Supported	
Site Template	Team Site	Supported	Supported	Supported	
	Blank Site	Supported	Supported	Unsupported	
	Blog	Partially Supported	Partially Supported	Partially Supported	Comment 7
	Wiki Site	Supported	Unsupported	Unsupported	
	Developer Site	Unsupported	Unsupported	Supported	
	Document Workspace	Supported	Supported	Unsupported	
	Group Work Site	Unsupported	Supported	Unsupported	
	Basic Meeting Workspace	Supported	Supported	Unsupported	
	Blank Meeting Workspace	Supported	Supported	Unsupported	
	Decision Meeting Workspace	Supported	Supported	Unsupported	

Component		SharePoint 2007 to SharePoint Online High Speed Migration	SharePoint 2010 to SharePoint Online High Speed Migration	SharePoint 2013 to SharePoint Online High Speed Migration	Comment
	Social Meeting Workspace	Supported	Supported	Unsupported	
	Multiple Meeting Workspace	Supported	Supported	Unsupported	
	Project Site	Unsupported	Supported	Supported	
	Community Site	Unsupported	Unsupported	Partially Supported	Comment 8
	Document Center	Supported	Supported	Supported	
	eDiscovery Center	Unsupported	Unsupported	Unsupported	
	Record Center	Supported	Partially Supported	Partially Supported	Comment 9
	Business Intelligence Center	Unsupported	Unsupported	Unsupported	
	Search Center with Tabs	Supported	Unsupported	Unsupported	
	Search Center	Supported	Unsupported	Unsupported	
	Collaboration Portal	Supported	Unsupported	Unsupported	
	Publishing Site	Supported	Unsupported	Unsupported	
	Publishing Site with Workflow	Supported	Unsupported	Unsupported	
	Publishing Portal	Unsupported	Unsupported	Unsupported	
	Report Center	Supported	Unsupported	Unsupported	
	Enterprise Search Center	Unsupported	Partially Supported	Partially Supported	Comment 10
	My Site Host	Supported	Supported	Supported	
	Community Portal	Unsupported	Unsupported	Unsupported	
	Basic Search Center	Unsupported	Supported	Supported	
	Fast Search Center	Unsupported	Unsupported	Unsupported	
	Visio Process Repository	Unsupported	Supported	Supported	
	Enterprise Wiki	Unsupported	Supported	Supported	
Web Part		Unsupported	Unsupported	Unsupported	
Workflow		Supported	Supported	Supported	
Alerts		Unsupported	Unsupported	Unsupported	
Site Property		Supported	Supported	Supported	
Site Security		Supported	Supported	Supported	
Web Property		Supported	Supported	Supported	

Component	SharePoint 2007 to SharePoint Online High Speed Migration	SharePoint 2010 to SharePoint Online High Speed Migration	SharePoint 2013 to SharePoint Online High Speed Migration	Comment
Web Security	Supported	Supported	Supported	

Comment 1: Some column values of items in a source KPI list cannot be migrated to the destination.

Comment 2: After the migration, the destination list, folder, item, or file will inherit the permission from its parent node, even if the source object has independent permission.

Comment 3: If some versions of the source file or item are deleted, the versions of the migrated file or item will be displayed incorrectly in the destination.

Comment 4: If the **Lookup** type column's value for an item in a source list A is related to the content in another source list B, and the list B is migrated after the migration of list A, then all of the items in list A cannot be migrated to the destination.

Comment 5: The source **Person or Group** type column's values can only be migrated to the destination when user mapping or domain mapping is configured.

Comment 6: If the **Hyperlink or Picture** type column's value of a source file is the URL of the site collection where the file resides, the migrated URL in the destination will be unavailable.

Comment 7: The default page of the migrated sites whose template is **Blog** is displayed incorrectly.

Comment 8: If the item in the Categories list of the site whose template is **Community** is related to the file or item in other libraries, the job will finish with exception.

Comment 9: The Target Path in the Content Organizer Rules setting of the migrated site whose template is **Record Center** is displayed incorrectly in the destination.

Comment 10: The numbers of items in the migrated **Tabs in Search Pages** or **Tabs in Search Results** list of the site whose template is **Enterprise Search Center** is different from that of the source list.

Accessing Migrations Hot Key Mode

In order to work faster and improve your productivity, DocAve supports the hot key mode for you to perform corresponding actions quickly by only using your keyboard.

To access the hot key mode in the **SharePoint Migration** interface, press the **Ctrl** +**Alt** + **Z** key combination simultaneously on your keyboard.

The following sections provide lists of hot keys for the top level. Each time you want to go back to the top level after accessing the interface of lower level, press **Ctrl** + **Alt** + **Z** on the keyboard. For example, continue pressing **H** to jump to the **Home** tab.

Operation Interface	Hot Key
Home	H
Plan Manager	P
DocAve Home Page	1
DocAve Online Community	2
Control Panel	3
Job Monitor	4
Plan Group	5
Health Analyzer	6

Home Page

Functionality Name and Hot Key	
SharePoint Migration	SM
Online Migration	O
Export	EX
Import	I
New Plan	N
Create Container	CC
Preview	PR
Profile Settings	PS
Migration Database	MD
Storage Policy	SP
Job Monitor	J

SharePoint Online Migration

Functionality Name and Hot Key	
Online Migration	O
New Plan	N
Preview	PR
Profile Settings	PS

Functionality Name and Hot Key					
Migration Database	MD				
Storage Policy	SP				
Job Monitor	J				
Save As New Plan	A	Save	S	Save	S
				Save and Run Now	R
		Cancel	C		
Run Now	R				

Profile Settings

Functionality Name and Hot Key			
Online Profile	OP		
Export Profile	EP		
Import Profile	IP		
Dynamic Rule	DY		
Upload Profile	UP		
Download Profile	DP		
Set as Default	DF		
New	N		
Delete	DE		
Save	S	Save	S
		Save As	A
Discard Changes	C		
Close	X		

Migration Database

Functionality Name and Hot Key					
Configure	C	Save	O		
		Cancel	C		
View Details	V	Configure	C	Save	O
				Cancel	C
		Close	X		
Close	X				

Plan Manager Page

To access the **Plan Manager** page by using hot keys in the **SharePoint Migration** interface, press **Ctrl** + **Alt** + **Z** to access the hot key mode, and then press **P** on the keyboard to enter the **Plan Manager** page.

The following table provides a list of hot keys for the functionalities on the ribbon of the **Plan Manager** page. For example, continue pressing **V**, you are brought to the **View Details** interface.

Functionality Name and Hot Key					
View Details	V	Source & Destination		SD	
		Settings		SE	
		Edit		E	
		Test Run		TR	
		Run Now		R	
		Close		X	
Edit	E	Create Container		CC	
		Save	SA	Save	S
				Save As	A
				Save and Run Now	R
		Cancel		C	
Delete		D			
Test Run		TR			
Run Now		R			
Generate Excel		G			

Appendix A: Migration Database Information

Refer to the following tables to view the detailed job information stored in the migration database. In Job Detail, you can view the job details of each migrated source object, the source/destination object ID, the URL of the source/destination object, the size of the source object, the owner of the source/destination object, the migration start time, the end time, and so on. In Job Notice, you can view the status of the migration job and view the comment related to the migration job. In Job Statistic, you can view the statistical information of the migration job, such as, the job ID, the plan ID, the source/destination start time, the source/destination end time, the source/destination Agent name, the number of migrated/failed/skipped items/folders/lists, and so on.

Job Detail

View the information of the job details in the table below.

Column Name	Description	Value
JobId	It is the ID of the job.	The prefix of the job ID facilitates the distinction of different migrations. • MD – The job ID is for SharePoint migration. For example, FM20120702184324729287, it indicates a File System migration job ID.
SequenceId	It is the sequence ID of each migrated source object.	The value represents the sequence of each migrated source object. For example, 1, it indicates that this source object is the first migrated object.
SourceObjectId	It is the ID of the source object.	The value is the ID of the source object.
SourceObjectParentId		The value is the ID of the parent of the source object.
TargetObjectId	It is the ID of the target object.	The value is the GUID of each target object level from site collection level to item level. For example, 08e90aee-c8d8-474b-8979-c1250a32b94d is the GUID of the target list. For Web application level, the value displayed is 00000000-0000-0000-0000-000000000000.

Column Name	Description	Value
TargetObjectParentId		The value is blank.
SourceFullUrl	It is the full URL of the source object.	The value is the full URL of the source object. Use the value to find the source object.
TargetFullUrl	It is the full URL of the target object.	The value is the full URL of the target object. Use the full URL to find the target object. If the source object is not migrated to the target, the column value is blank.
SourceObjectTitle	It is the title of the source object.	The value is the title of the source object.
TargetObjectTitle	It is the title of the target object.	The value is the title of the target object.
SourceObjectType	It is the type of the source object.	The value represents the type of the source object, which is different according to the source you selected.
TargetObjectType	It is the type of the target object.	The value represents the type of the target object. • 10001 – Web Application • 10002 – Site Collection • 10003 – Site • 10004 – Library • 10005 – List • 10006 – Folder • 10007 – Document • 10008 – Item • 10009 – Attachment
SourceObjectSizeBytes	It is the size of the source object. The unit is byte.	For the item and list in Livelink migration, the value is always 50. For other migrations, the value is the real size of the source object.
TargetObjectSizeBytes	It is the size of the target object. The unit is byte.	The value is the size of the target object.
SourceObjectOwner	It is the owner of the source object.	In Livelink migration, the value represents the owner of the source object. In other migrations, the value represents the user who creates the source object.
TargetObjectOwner	It is the owner of the target object.	In Livelink migration, the value represents the owner of the target

Column Name	Description	Value
		object. In other migrations, the value represents the user who creates the target object.
SourceObjectVersion	It is the version of the source object.	The value represents the version information of the source object. For Exchange Public Folder migration and File System migration, the column value is blank.
TargetObjectVersion	It is the version of the target object.	The value represents the version information of the target object. For Exchange Public Folder migration, the column value is blank.
Operation	It is the operation performed for each source object during migration.	The value represents the operation performed when migrating the source object to the target. • 0 – None • 1 – Skipped • 2 – New Created • 3 – Overwritten • 4 – Appended • 5 – Filtered • 6 – Collapsed • 7 – Merge
Status	It is the migration status of the source object.	The value represents the status of the job. • 0 – Starting • 1 – Successful • 2 – Backup Failed • 3 – Restore Failed • 4 – Filtered Out • 5 – Skipped • 6 – Exceptional
StartTime	It is the time when the backup starts.	The value represents the time when the backup starts.
EndTime	It is the time when the restore completes.	The value represents the time when the restore completes.

Column Name	Description	Value
FilteredOutPolicy	It is the status of using filter policy.	The value represents the status of using filter policy. • 0 – Not Used • 1 – Used
TruncatedPolicy	It is the truncated policy that is applied to the source object.	The value represents the truncated policy that is applied to the source object. • None – No truncated policy. • Truncated – The object name is truncated. • Renamed – The object name is renamed. • MoveUp – The object is moved up to the higher level.
TruncatedOrRenamedAs	It is the new name of the object in the target.	The value is the new name of the object in the target after truncating or renaming.
CustomMetadata	It is the status of using custom metadata.	The value represents the status of using custom metadata. • 0 – Not Used • 1 – Used This column is only used by SharePoint Migrator. For other migrators, the default value is false.
MetadataMapping	It is the statues of using C-Based Object Oriented Language (C# Language) Mapping.	The value represents the status of using C-Based Object Oriented Language (C# Language) Mapping. • 0 – Not Used • 1 – Used
Message	It displays the migration message of the source object.	The value is the migration message of the source object.

Job Notice

View the information of the job notifications in the table below.

Column Name	Description	Value
SequenceId	It is the ID of the sequence for each job.	The value represents the sequence of each job. For example, 1, it indicates that this job is the first migration job.
JobId	It is the ID of the job.	The prefix of the job ID facilitates the distinction of different migrations. • MD – The job ID is for SharePoint migration. For example, FM20120702184324729287, it indicates a File System migration job ID.
Status	It is the status of the job.	The value represents the status of the job. • 0 – In Progress • 2 – Finished • 3 – Failed • 4 – Stopped • 7 – Finished With Exception • 8 – Paused
Message	It displays the job comment.	The value displayed is the same as the comment in Statistics of Job Details.

Job Statistic

View the information of the job statistics in the table below.

Column Name	Description	Value
JobId	It is the ID of the job.	The prefix of the job ID facilitates the distinction of different migrations. • MD – The job ID is for SharePoint migration. For example, FM20120702184324729287, it indicates a File System migration job ID.

Column Name	Description	Value
PlanId	It is the ID of the plan.	The value is the plan ID, for example, PLAN20120702184321934938.
PlanName	It is the name of the plan.	The value is the plan name. If you run a job without saving it as a plan, the value is Instance Plan.
PlanGroupId	It is the ID of the plan group.	The value is the ID of the plan group that you set for the plan.
PlanGroupName	It is the name of the plan group.	The value is the name of the plan group that you set for the plan.
SourceAgentType	It is the source Agent type.	The value represents the source Agent type. • 4 – SharePoint 2007 • 5 – SharePoint 2010 • 6 – SharePoint 2013
TargetAgentType	It is the target Agent type.	The value represents the target Agent type. • 4 – SharePoint 2007 • 5 – SharePoint 2010 • 6 – SharePoint 2013
SourceAgentName	It is the source Agent name.	The value is the source Agent name.
TargetAgentName	It is the target Agent name.	The value is the target Agent name.
Status	It is the status of the job.	The value represents the status of the job. • 0 – In Progress • 2 – Finished • 3 – Failed • 4 – Stopped • 7 – Finished With Exception
Run Type	It is the type of the job.	The value represents the type of the job. • 0 – Run • 1 – Test Run
SourceStartTime	It is the time when the backup starts.	The value represents the time when the backup starts.
SourceFinishTime	It is the time when the backup	The value represents the time

Column Name	Description	Value
	completes.	when the backup completes.
TargetStartTime	It is the time when the restore starts.	The value represents the time when the restore starts.
TargetFinishTime	It is the time when the restore completes.	The value represents the time when the restore completes.
Description	It is the description of the job.	The value is the description of the job.
UserName	It is the DocAve user who runs the job.	The value is the username who runs the job.
JobOption	It is the option of the job.	For SharePoint migration, the value represents the option of the job. • 0 – Merge • 1 – Attach For other migrations, the value is 0.
JobType	It is the type of the job.	The value represents the type of the job. • 0 – Full Migration • 1 – Incremental Migration
ContainerConflictResolution	It is the container conflict resolution.	The value represents the resolution of container conflict. • 0 – Skip • 1 – Not Overwrite • 2 – Append • 3 – Overwrite • 4 – Replace • 5 – Merge • 6 – Overwrite By Last Modified Time • 7 – Append With Suffix • 8 – Append A New Version
ContentConflictResoltuion	It is the content conflict resolution.	The value represents the resolution of content conflict. • 0 – Skip • 1 – Not Overwrite

Column Name	Description	Value
		• 2 – Append • 3 – Overwrite • 4 – Replace • 5 – Merge • 6 – Overwrite By Last Modified Time • 7 – Append With Suffix • 8 – Append A New Version
MigratedBytes	It is the size of the migrated data. The unit is byte.	
FailedBytes	It is the size of the data that are failed to be migrated. The unit is byte.	
SkipedBytes	It is the size of the skipped data. The unit is byte.	
FilteredBytes	It is the size of the data that is filtered out. The unit is byte.	
MigratedSiteCollectionCount	It is the number of migrated site collections.	
MigratedSiteCount	It is the number of the migrated sites.	
MigratedListCount	It is the number of the migrated lists.	
MigratedFolderCount	It is the number of migrated folders.	
MigratedItemCount	It is the number of migrated items.	
FailedSiteCollectionCount	It is the number of site collections that are failed to be migrated.	
FailedSiteCount	It is the number of the sites that are failed to be migrated.	
FailedListCount	It is the number of the lists that are failed to be migrated.	
FailedFolderCount	It is the number of the folders that are failed to be migrated.	
FailedItemCount	It is the number of the items that are failed to be migrated.	
SkippedSiteCollectionCount	It is the number of the skipped site collections.	
SkippedSiteCount	It is the number of the skipped	

Column Name	Description	Value
	sites.	
SkippedListCount	It is the number of the skipped lists.	
SkippedFolderCount	It is the number of the skipped folders.	
SkippedItemCount	It is the number of the skipped items.	
FilteredOutSiteCollectionCount	It is the number of site collections that are filtered out.	
FilteredOutSiteCount	It is the number of sites that are filtered out.	
FilteredOutListCount	It is the number of lists that are filtered out.	
FilteredOutFolderCount	It is the number of folders that are filtered out.	
FilteredOutItemCount	It is the number of items that are filtered out.	
ExceptionSiteCollectionCount	It is the number of site collections that are migrated with exception.	
ExceptionSiteCount	It is the number of sites that are migrated with exception.	
ExceptionListCount	It is the number of lists that are migrated with exception.	
ExceptionFolderCount	It is the number of folders that are migrated with exception.	
ExceptionItemCount	It is the number of items that are migrated with exception.	

Appendix B: Advanced Settings for SharePoint Migration

In SharePoint Migration, there are several features you can enable by editing the **SP2010GranularBackupRestore.cfg** file and SharePoint Migration profile.

Source Performance Logs

You are allowed to customize the default performance log setting of SharePoint Migration in the source by configuring the attribute of the corresponding node in the **SP2010GranularBackupRestore.cfg** file. Refer to the following steps to configure the file:

1. Go to the machine where the source DocAve Agent is installed.
2. Navigate to *...\AvePoint\DocAve6\Agent\data\SP2010\Item* and find the **SP2010GranularBackupRestore.cfg** file.
3. Open the file with Notepad.
4. Find the **<config backupUseCRC="false" enableBackupPerformanceLog="false" enableRestorePerformanceLog="false" fileSenderCacheCount="100">** node.
5. Change **enableBackupPerformanceLog="false"** to **enableBackupPerformanceLog="true".**
6. Save the modification and close the file.

Navigate to *…\AvePoint\DocAve6\Agent\jobs*, and you can find the performance log in the **SPMigrationExportPerformance.xml** file in the corresponding job ID folder.

SharePoint Migration Profile Features

You are allowed to use several features in the SharePoint Migration jobs by editing the profile used in migration jobs. Refer to the following steps to edit a profile:

1. Log in to DocAve.
2. Launch SharePoint Migration module.
3. Click **Profile Settings** on the ribbon.
4. In the **Profile Settings** tab, click **Download Profile** on the ribbon to download the Default Profile.
5. Open the **Default Profile.xml** file with Notepad.
6. Find the **<ExtendNode><NewFlags … /></ExtendNode>** node.
7. Modify the parameter values to enable the corresponding features.
    - **uncheckAllSecurity=" "** – Use this parameter to choose whether to migrate all of the securities for the selected source nodes during the migration. Set the **True** value to skip

migrating the source securities. Set the **False** value to migrate all of the securities for the selected source nodes. The default value is **False**.

***Note**: The selection in the profile has the priority.

- **uncheckAllProperty=" "** – Use this parameter to choose whether to migrate all of the properties for the selected source nodes during the migration. Set the **True** value to skip migrating the source properties. Set the **False** value to migrate all of the properties for the selected source nodes. The default value is **False**.

  ***Note**: The selection in the profile has the priority.

- **disableEventReceiver=" "** – Use this parameter to choose whether or not to disable Event Receiver during the migration job. Set the **True** value to disable the Event Receiver during the migration job. Set the **False** value to keep the Event Receiver open. The default value is **True**.
- **breakPermissionLevel=" "** – Use this parameter to choose whether to break the inheritance from the parent node when migrating source root site to a destination site. Set the **True** value to break the inheritance after the migration. Set the **False** value to keep the inheritance. The default value is **True**.
- **enablePerformanceLog=" "** – Use this parameter to choose whether to collect performance logs or not in the destination. Set the **True** value to collect performance logs to the **SPMigrationImportPerformance.xml** file in the corresponding job ID folder in the *…\AvePoint\DocAve6\Agent\jobs* directory. Set the **False** value to not collect performance logs. The default value is **False**.
- **skipGlobalTermGroup=" "** – Use this parameter to choose whether to migrate the global term group in the Managed Metadata Service. Set the **True** value to skip the global term group migration. Set the **False** value to migrate the global term group. The default value is **False**.
- **isLoadBuildInListTitleMapping=" "** – Use this parameter to choose whether or not to use the built-in list name mapping.

  Set the **True** value to use the mapping. The source (SharePoint 2007 and SharePoint 2010) built-in **Shared Documents** library will be migrated to the **Documents** library on the destination (SharePoint 2013 and SharePoint Online). The default value is **True**.

  Set the **False** value to disable the built-in list name mapping. The source (SharePoint 2007 and SharePoint 2010) built-in **Shared Documents** library will be migrated to the destination with the URL **Shared Documents1**.

- **reconnectTimeout=" "** – Use this parameter to configure the timeout period. The default value is **30**. The unit is **minute**. If the source Agent and destination Agent have no data transmission longer than 30 minutes, the migration job will be failed.
- **disableLanguageMapping=" "** – Use this parameter to specify whether the configured language mappings will be performed. Set the **True** value to disable the configured

language mappings. Set the **False** value to perform the configured language mappings. The default value is **False**.

- **isCheckPermission=" "** – Use this parameter to choose whether to check the permission of the Agent account who will run the migration job. Set the **True** value to use this feature. Set the **False** value to disable this feature. The default value is **True**.
- **isSkipDeadUser=" "** – Use this parameter to choose the method to judge whether a user is a dead user.

  Set the **True** value to use this feature. The dead users in the first migration job using this feature will be collected to a XML file. In the following migration jobs, if a user exists in the XML file, it will be judged as a dead user and will not be migrated. If a user does not exist in the XML file, it will be checked in the source. If it is a dead user, it will be added to the XML file and will not be migrated.

  Set the **False** value to disable this feature. Every user in the migration job will be checked in the source. The default value is **False**.

- **listMigrateOption=" "** – Use this parameter to specify the method to migrate lists and libraries. Set the **0** value to use list/library name to migrate lists and libraries. Set the **1** value to use list/library URL to migrate lists and libraries. Set the **2** value to use both list/library name and URL. List/library name has the priority. The default value is **0**.
- **syncDeletion=" "** – Use this parameter to choose whether to enable the sync deletion feature. The default value is **False**.

  Set the **True** value to enable the sync deletion feature. After you run a Full Migration job, delete some source documents or items to the recycle bin, and then run an Incremental Migration job, the corresponding destination documents or items will be deleted to the recycle bin after the Incremental Migration job finishes.

  ***Note**: If you empty the source Site Recycle Bin and Site Collection Recycle Bin, the corresponding destination items will not be deleted in the destination.

  Set the **False** value to not use the sync deletion feature.

  ***Note**: This feature is only available for online migration jobs that have container level conflict resolution configured to **Merge** and content level conflict resolution configured to **Overwrite**. The Test Run jobs are not supported using this feature. The SharePoint High Speed Migration jobs are not supported using this feature.

- **isCleanInvalidData=" "** – Use this parameter to choose the frequency for memory release. Set the **True** value to release memory once migrate an object (page, document, or item). Set the **False** value to release memory once migrate a list/library. The default value is **False**.
- **deleteUser=" "** – Use this parameter to specify whether or not to delete the same user on the destination after the migration job if the source user has been deleted in the

source. Set the **True** value to delete the same user on the destination; set the **False** value to keep the same user on the destination. The default value is **True**.

- **overwriteUserProfile=" "** – Use this parameter to choose the conflict resolution for user profiles. The default value is **0**, which means the source user profile will overwrite the destination user profile if the login names of the source and destination users are the same.

  Set the **1** value for this parameter to skip the migration of the source user profile if the login names of the source and destination users are the same.

  Set the **2** value for this parameter to overwrite the destination user profile with the source user profile if the source and destination users' login names are the same. If the source and destination users are included in a user mapping, the migration of the user profile will be skipped.

- **filterBlogPage=" "** – Use this parameter to choose whether or not to skip migrating the **default.apsx** page of the source site collection whose template is **Blog**, and the built-in pages in the **Posts** and **Categories** lists of the site collection. Set the **True** value to skip the migration for these pages. Set the **False** value to migrate these pages. The default value is **True**.

  ***Note**: This parameter only works for SharePoint 2007 to SharePoint Online Migration jobs.

- **notRestoreWebCss=" "** – Use this parameter to choose whether or not to migrate the Alternate CSS URL setting of the master page used by source sites. Set the **True** value to keep the Alternate CSS URL setting of the destination master page. Set the **False** value to overwrite the Alternate CSS URL setting of the destination master page with that of the source master page. The default value is **False**.

- **useBackupListSetting=" "** – Use this parameter to choose whether or not to automatically configure the destination library/list settings temporarily to migrate the source content successfully. Set the **True** value to automatically configure the library/list settings temporarily to migrate the source content. Set the **False** value to disable this feature. The default value is **False**.

- **findViewByTitle=" "** – Use this parameter to choose the method migrating list views. Set the **True** value to migrate source list views based on view title. Set the **False** value to migrate source list views based on view URL. The default value is **True**.

- **restoreMMS=" "** – Use this parameter to choose whether or not to create the source Managed Metadata Service/group/term set/term if it does not exist in the destination. Set the **True** value to enable this feature. Set the **False** value to skip migrating the source Managed Metadata Service/group/term set/term that does not exist in the destination. The default value is **True**.

- **createContentTypeWithParentFindByMappingName=" "** – Use this parameter to define the site content type that will be added to the destination list, if the destination content type configured in the content type mapping does not exist in the destination list. Set

the **True** value to add the destination site content type to the destination list. Set the **False** value to create a content type that is the same as the source site content type in the destination site, and then add the newly created site content type to the destination list. The default value is **False**.

- **allowFolderStructureChanged=" "** – Use this parameter to choose whether or not to migrate the system folders and files whose structure has been changed. Set the **True** value to migrate these folders and files. Set the **False** value to skip migrating these folders and files. The default value is **False**.
- **multiThreadMode=" "** – Use this parameter to choose whether to use multiple threads to run SharePoint 2007/2010/2013 to SharePoint Online Migration jobs. Set the **True** value to enable this feature to increase efficiency. Set the **False** value to disable this feature. The default value is **False**.
- **isKeepModerationToOffice365=" "** – Use this parameter to choose the limited property of SharePoint Online to be migrated to the destination. Set the **True** value to migrate the **Approval Status** property. Set the **False** value to migrate the **Modified** property for items and folders. The default value is **False**.
- **isFilterSkipMeetWorkspacePage=" "** – Use this parameter to choose whether or not to migrate the **default.apsx** page of the site collection whose template is **Meeting Workspace**. Set the **True** value to skip migrating the **default.aspx** page. Set the **False** value to migrate the **default.aspx** page. The default value is **True**.
- **notMigrateFailed=" "** – Use this parameter to choose whether the **Only migrate the data that was failed to be migrated in the last migration job** option on the **Run Now** interface is enabled. Set the **True** value to enable this function. Set the **False** value, and then any content that has changed since the last migration operation will be migrated together with the failed content. The default value is **True**.
- **itemDependencyType=" "** – Use this parameter to choose the method used to migrate item dependent columns and content types. The default value is **1**.

  Set the value to **0** to not migrate item dependent columns and content types.

  Set the value to **1** migrate the conflicting item dependent columns and content types to the destination and overwrite the corresponding destination ones.

  Set the value to **2** to migrate the conflicting item dependent columns and content types to the destination and append the corresponding destination ones.

  Set the value to **3** to skip migrating the conflicting item dependent columns and content types to the destination.

8. Save the modification and close the file.
9. Return to the **Profile Settings** tab, click **Upload Profile** on the ribbon to upload the new profile.
10. In the pop-up window, select the **Upload as a new profile named "Default Profile_1"** option and click **Upload** to upload the modified profile.

11. Click **Save** on the ribbon, and select **Save** from the drop-down list to save the uploaded profile.

Appendix C: Conflict Resolution

In this appendix, the detailed information of each resolution is described. View the tables below for your reference.

Container Level Conflict Resolution

Resolution	Object	Conflict	No Conflict
Skip	Configuration	Ignore the conflicting configuration and do nothing on the destination.	A new SharePoint object will be created.
	Security	Ignore the conflicting security and do nothing on the destination.	A new SharePoint object will be created.
Merge	Configuration	Merge the settings in the destination node with settings from the source node.	A new SharePoint object will be created.
	Security	Permissions – Source permissions that do not already exist in the destination node will be added to the destination node. Permission Levels – the permission levels that do not already exist in the destination node will be added to the destination node. The permission levels that already exist in the destination node will not be replaced.	A new SharePoint object will be created.

Content Level Conflict Resolution

Resolution	Object	Conflict	No Conflict
Overwrite	Content	Delete the conflicting content on destination first and overwrite it with the source content.	A new SharePoint object will be created.

Resolution	Object	Conflict	No Conflict
Skip	Content	Ignore the conflicting content and do nothing on destination.	A new SharePoint object will be created.
Append (only for list items and library documents)	Content	The conflicting content will not be deleted; and the conflicting data will be transferred to the destination by adding a suffix (_1, _2, …, increasing in numerical value).	A new SharePoint object will be created.

Apps Conflict Resolution

Resolution	Object	Conflict	No Conflict
Skip	App Instance	Ignore the conflicting app instance and do nothing on source and destination.	The source app instance is created in the destination.
	AppData	Ignore the conflicting AppData and do nothing on source and destination.	The source AppData is created in the destination.
Update App Only	App Instance	The latest version app instance will be kept in the destination.	The source app instance is created in the destination.
	AppData	Ignore the conflicting AppData and do nothing on source and destination.	The source AppData is created in the destination.
Replace App and AppData	App Instance	The destination app instance is deleted while the source app is created in the destination. ***Note**: If you are about to run an incremental migration job, the latest version app instance will be kept in the destination.	The source app instance is created in the destination.
	AppData	The destination AppData is deleted while the source AppData is created in the destination.	The source AppData is created in the destination.

Resolution	Object	Conflict	No Conflict
		***Note**: If you are about to run an incremental migration job, the destination AppData will not be deleted and the added data will be migrated to the destination.	

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AvePoint, Inc.
Harborside Financial Center, Plaza 10
3 Second Street, 9th Floor
Jersey City, New Jersey 07311
USA