



White Paper

SharePoint Security Sync - White Paper

Aim:

SharePoint Security Sync is a comprehensive solution for integrating Microsoft Dynamics 365 and Power Apps with SharePoint for document management. It provides seamless integration between two systems and syncs security privileges from Dynamics 365 to SharePoint, thereby ensuring secure and reliable access to confidential documents stored in SharePoint.

Features:

- Real time sync of security permission
- Replicate Association and Dissociation of security role to/from a user/team in Dynamics 365 CRM with SharePoint
- Replicate sharing of record with another user/team in Dynamics 365 CRM with SharePoint
- Assign record to another user/team in Dynamics 365 CRM and reflect it in SharePoint simultaneously
- Add/Remove members to/from team in Dynamics 365 CRM and replicate it in SharePoint simultaneously
- Sync deletion of security role in Dynamics 365 CRM with SharePoint
- Multiple files and folders can be dragged and dropped at one time to SharePoint
- Single as well as multiple files or folders can be uploaded
- Users can download documents from SharePoint
- Email with file's link or file as attachment can be sent
- Files/Folders can be renamed
- Bulk Copy/move Note/Email/Sales Literature Attachments to SharePoint
- Sharable links of files/folders can be created which can also be copied for external use
- Deep search can be done for the entered keyword
- Access control of user actions on Attach2Dynamics
- Delete files from SharePoint
- View files before downloading
- Support for configuring multiple SharePoint connectors

- If any logged in user uploads or performs any attachment action on SharePoint their name will appear for the action
- Supports all types of entities
- Support for single sign-on
- Support for setting default from, to, cc and bcc for an email using Email Configuration
- Support for hierarchy structure to store attachments/documents in SharePoint.

Supported Versions

Versions: Microsoft Dynamics 365 8.2 & above, Power Apps and CDS.

Deployment Models: On-Premises with IFD and Online.

Who needs it?

Security models of both Dynamics 365 CRM and SharePoint are different. At times, it becomes necessary to restrict access to Dynamics 365 CRM data stored in SharePoint. With SharePoint Security Sync you can safely store and manage documents in SharePoint by replicating Dynamics 365 CRM security privileges in SharePoint.

Configure Connectors

Configure connector to enable syncing with SharePoint security model.

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New Connector

General | Credentials | Additional Settings | Entity Configurations

General

Name * **SharePoint_1**

Connector Type * **SharePoint**

Default Connector

SharePoint Site * **Default Site**

Auth-Type * **SharePoint Sites**

Default Site
<https://fyzher.com/SharePoint/SharePointSecuritySync>

+ New SharePoint Site Change View

SharePoint

Communication site

Home | Documents | Pages | Site contents | Edit

Search Account + New Upload Quick edit Share Copy link Sync Download Export to Excel

Account > Fyzher Technologies_C738BE243B47EA11A812000D3AF02CD4

Name	Modified	Modified By
A2D and SSS.docx	2 hours ago	Sam Richard
Kanban Board Article.docx	2 hours ago	Sam Richard
Maplytics Website Content_1.docx	About a minute ago	Rhea P
Maplytics Website Content_2.docx	About a minute ago	Rhea P
Maplytics Website Content_3.docx	About a minute ago	Rhea P

Support for single sign-on

Perform all actions in the context of logged-in user. For SharePoint connector, when Auth-Type is credential, then for any attachment action the name of that user appears who has authenticated the connector while, when auth-type is App, for any attachment action the name of logged in user appears.

New Connector

General | Credentials | Additional Settings | Entity Configurations

General

Name * **SharePoint_1**

Connector Type * **SharePoint**

Default Connector

SharePoint Site * **Default Site**

Auth-Type * **App**

Entity Configuration

Configure Entities with connector which needs to be given controlled access.

Dynamics 365 > SharePoint Security Sync > Administration > Entity Configurations > account - SharePoint_1

Home | Recent | Pinned

SharePoint Security Sync

Connectors

Entity Configurations

Security Templates

Bulk Migration Jobs

Logs

License Registration

account - SharePoint_1
Entity Configuration

General | Sync Status | Email Configuration | Related

Connector * **SharePoint_1**

Entity Name * **Account**

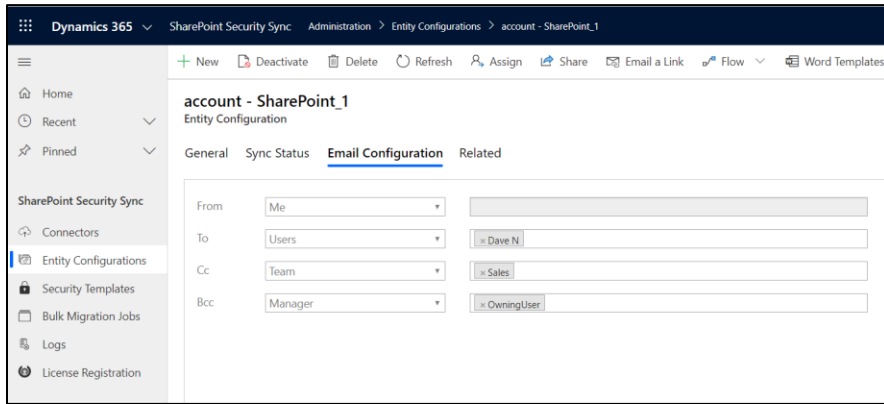
Attachment Action **Move**

Override Files

Logs

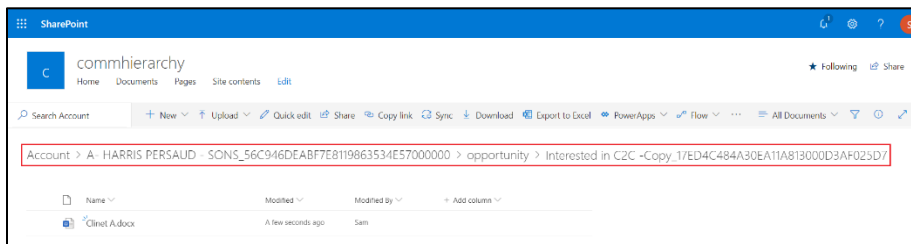
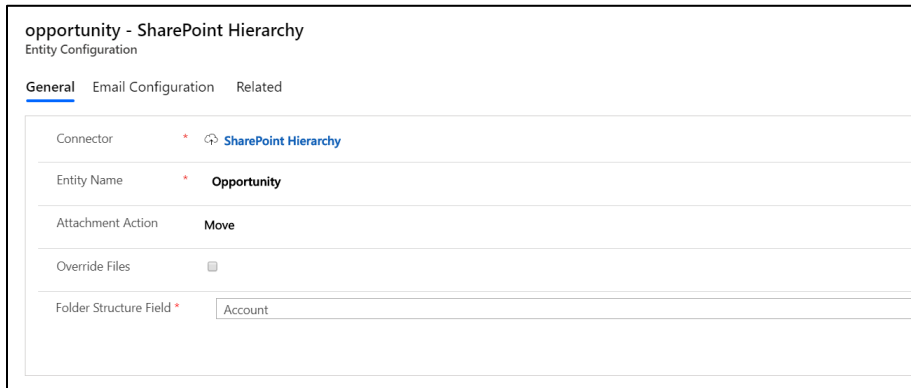
Set default from, to, cc and bcc for an email using Email Configuration.

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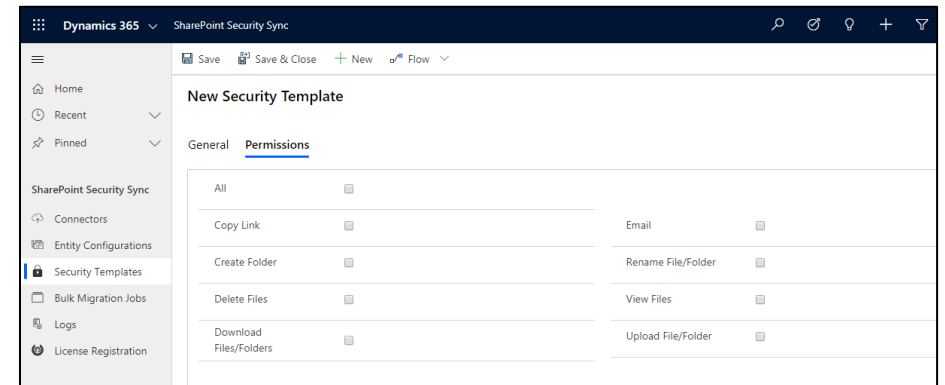
Hierarchy Structure

Store attachments/documents of Dynamics 365 CRM records on the basis of hierarchy in SharePoint.



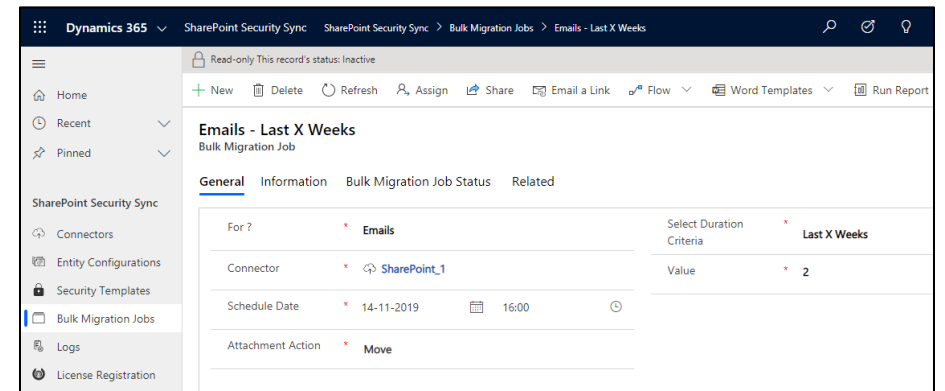
Security Templates

Restrict user actions over various features of Attach2Dynamics such as Upload, Download, Email, Create Folder, Delete, etc.



Bulk Migration Job

Migrate documents/history data for an estimated period in bulk from Dynamics 365 CRM to SharePoint.



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Emails - Last X Weeks
Bulk Migration Job

General **Information** Bulk Migration Job Status Related

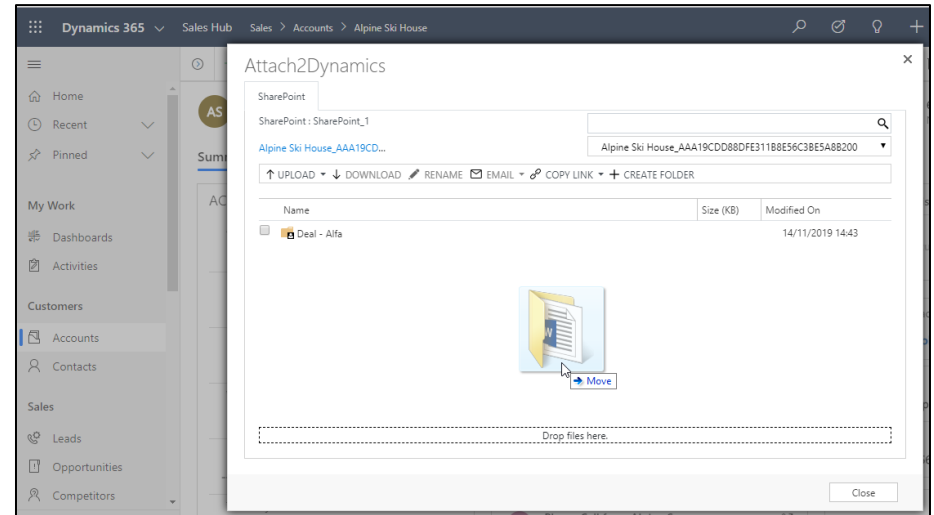
Total Records Processed	0		
Last updated:	14-11-2019 15:36		
Total Succeeded Records		Total Succeeded Size (KB)	0.00
Last updated:		Last updated:	
14-11-2019 15:36		14-11-2019 15:36	
Total Ignored Records		Total Ignored Size (KB)	0.00
Last updated:		Last updated:	
14-11-2019 15:36		14-11-2019 15:36	
Total Failed Records		Total Failed Size (KB)	0.00
Last updated:		Last updated:	
14-11-2019 15:36		14-11-2019 15:36	

Move/Copy Attachments

Move/Copy Dynamics 365 CRM Notes/Email/Sales Literature Attachments to SharePoint.

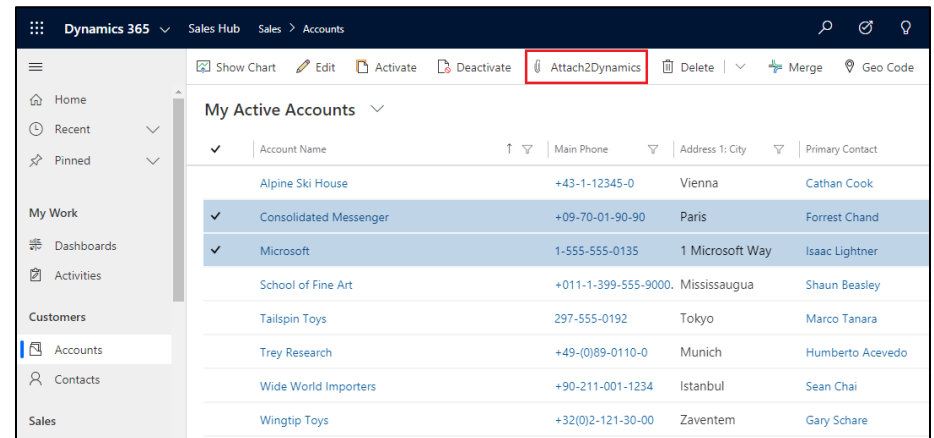
Drag & Drop

Drag and Drop files/folders through the Attach2Dynamics UI.

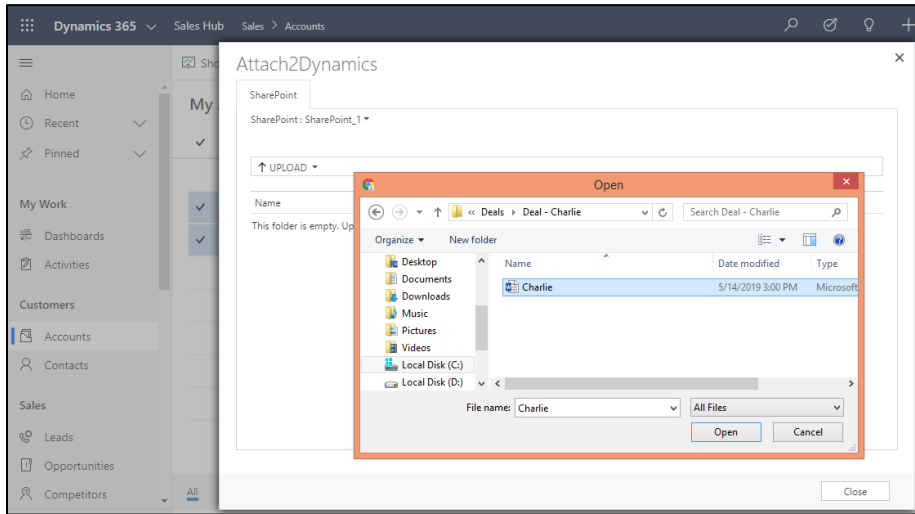


Direct Upload of files from Home Page

Upload files directly from home page for selected records.



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Download & Upload

Download & Upload files/folders through the UI directly into SharePoint.

Deep Search Tab

Search for files/folders within subfolders by entering keyword in search tab.

Email

Email anonymous link (of a file/folder) or file as an attachment.

Create folder

Create folders in SharePoint as per requirement.

Rename

Rename files/folders in SharePoint.

Copy a Link

Copy and share generated link as per requirement.

Delete

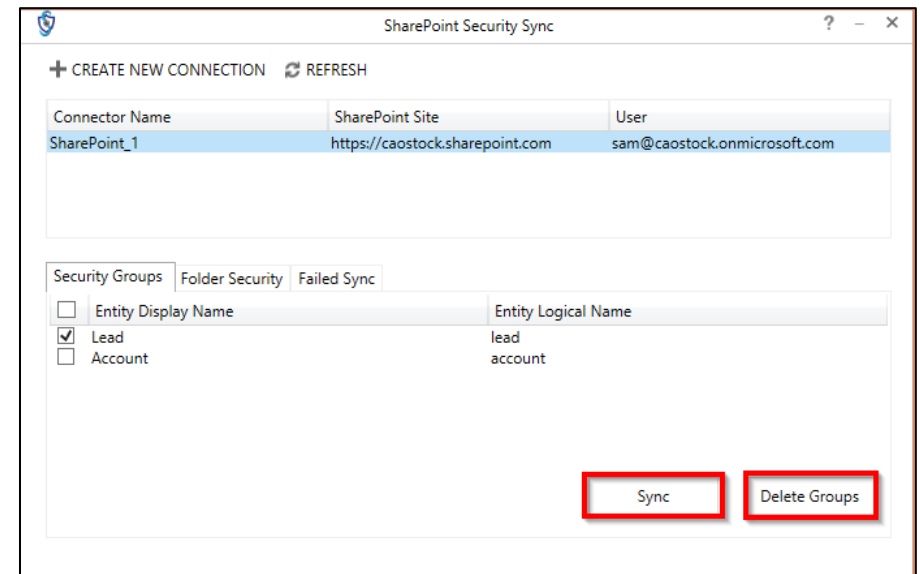
Delete unwanted files from SharePoint.

View Files

Preview files stored in SharePoint before downloading.

SharePoint Security Sync Tool

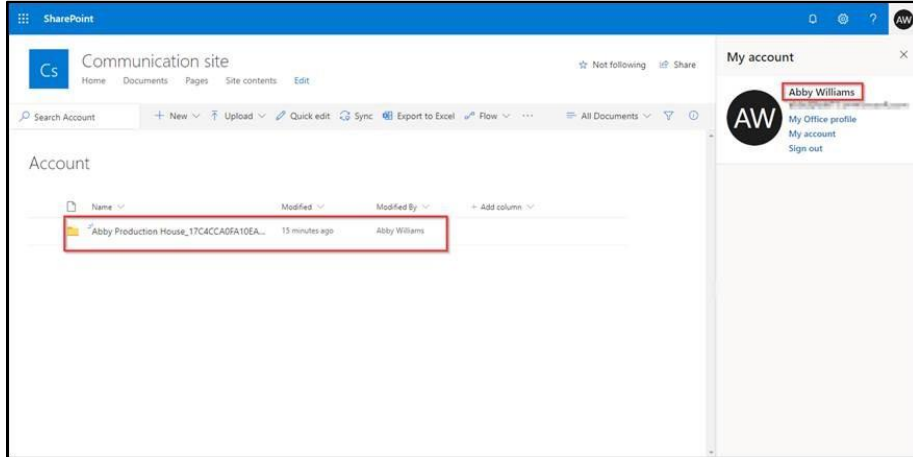
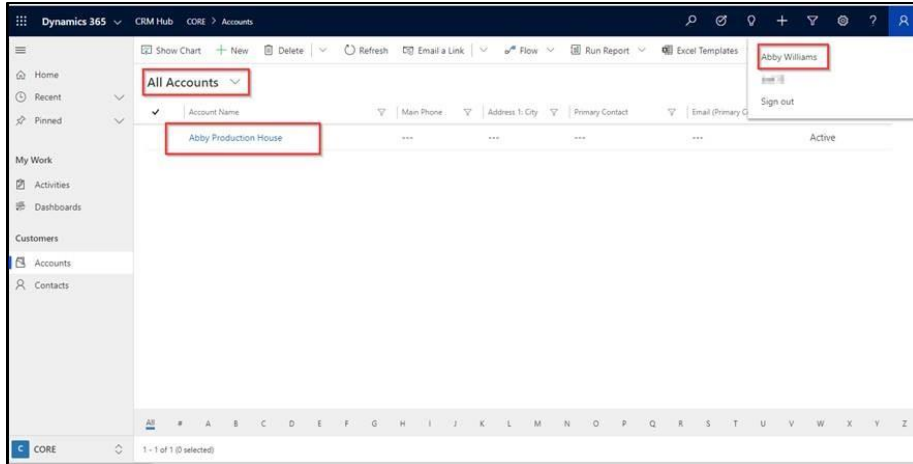
Use SharePoint Security Sync tool to sync security privileges on a large scale with ease.



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Sync Details of User with User Level Privilege

Sync the visibility of records visible in Dynamics 365 to SharePoint.



Log

View 'Log' entity for errors occurred during the functioning of SharePoint Security Sync.

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