



OFFICE 365 TO OFFICE 365 MIGRATION

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Prerequisites -

- › The destination account should be having a valid license
- › The destination account OneDrive should be provisioned i.e completed the initial setup necessary to activate the drive
- › Provide the UPN
- › The source domain should be having Files.Read permissions granted on the Azure project
- › The destination domain should be having Files.ReadWrite.All , Sites.ReadWrite.All, Site.FullControl permissions granted on the Azure project

Features -

FEATURE POINT	STATUS
Demo Version License	Only two users
Date Filter	From - To supported
Folder Structure	Original Structure Maintained
Folder Share	Sharing permissions migrated as per user mappings supplied
File Share	Sharing permissions migrated as per user mappings supplied
User/ Group Permission Mapping Manifest	Needed from user
Sharepoint Permissions	Yes, Translated accordingly.
Permission Inheritance	Yes
File/Folder Share through link	Not supported
File Versions	Not supported
File Timestamps	Create and Last Modified time maintained
Time-zone difference	Adjusted for (The timestamps will get set in accordance with the destination time zone)
Recycle bin	Not supported
Shared with me	Not supported as a direct feature, but will be get populated as a result of file/folder sharing.
Discover	Not supported



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Recent Not supported	Not supported
Special Characters / Foreign Language Names	Yes, bound by OneDrive rules
Creation of a Root Folder	Customizable. If chosen, a top level folder gets created with its name as the source e-mail address
File/Folder Name Existing conflicts	conflicts Folders remain unaffected and gets used. File data will be overwritten.
OneNote	Not supported
Empty files (0 Size)	Supported
Delta Migration	Existing files/folders are preserved untouched, new additions in source are migrated. Delta migration will work only on Created date.
Outside domain address handling	Permissions sets as External User
Editing inside Shared with me (Create child folder inside shared folder)	Not Supported
Maximum File size	15 Gigabytes

Shortcomings and Limitations -

Limitation	Reason
Sharing links not migrated	API Limitation
Version History not migrated	Additional overheads
Max folder/file name length of 100 characters	Compensating for cross-platform migrations where source allows for a larger folder/ file name length. OneDrive allows 400 characters in the total path.
Multiple owners	API limitation. Secondary owners get relegated with write permissions.
Storage metrics shows twice the original size	OneDrive maintains version history when the drive data gets uploaded and the modification date changes.
All folders present even if they are outside the date filter's range	The application is designed to preprocess the folders first and then the files.



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Known Issues -

Issue	Reason
Requests Timed Out in Logs	Slow Internet connection
Email/Calendar Folder created in full suite migration	They are dump folders for calendar events and invalid emails
Site Not Found in Logs	Unprovisioned user
Folders and Files placed at Root Folder	If a File/Folders total path length is crossing 320 characters, we change its parent to ROOT. Further the hierarchy maintains until again it reaches 320 characters and split.
Mail Notification for item shared outside domain	It is a security feature of Microsoft to notify the file owner if a file gets shared outside the domain



EMAIL

Prerequisites -

- › The destination account should be having a valid license
- › Provide the UPN
- › The source domain should be having Mail.Read(Graph) , Mail.Read, full_access_as_app(Exchange) permissions granted on the Azure project
- › The destination domain should be having Mail.ReadWrite(Graph) , Mail.ReadWrite, full_access_as_app (Exchange) , permissions granted on the Azure project

Features -

FEATURE POINT	STATUS
Demo Version License	Only two users
Date Filter	From - To supported (on Created Date)
Folder Structure	Original Structure Maintained
Special Characters / Foreign Language Names For Folders	Yes, if in accordance with Outlook rules
Folder Name Existing conflicts	Folders remain unaffected and gets used
Folder Name Length	255 Characters as supported by Office.
Inbox , Sent Items, Drafts	Supported
Archive Folder	Supported
Deleted Items	Supported
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported
Sharing Permissions	Not Supported
Policies	Not Supported
Categories	System Categories Map by default. User Categories map only if they already exist at the destination.
Read/Unread Status	Maintained
Mail Attachments	Supported
Signatures	Supported



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Flags Supported	Supported
Conversation Threads	Supported
Mail Timestamp Retention	Mail Sent/Received times maintained. Drafts get migration timestamp.
Time-zone difference	Adjusted for (The timestamps will get set in accordance with the destination time zone)
Maximum Mail Size	150 Mb (Sent, Received)
Flags (Important, Priority etc.)	Preserved
Shared/Group Folders	Not Supported

Shortcomings and Limitations -

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to preprocess the folders first and then the files.
User Categories aren't automatically migrated.	The feature is yet to be implemented

Known Issues -

Issue	Reason
Requests Timed Out in Logs	Slow Internet connection
Exchange Server Temporarily Unavailable	Exchange Service outage.

CONTACT

Prerequisites -

- › The destination account should be having a valid license
- › Provide the UPN
- › The source domain should be having Contacts.Read(Graph) permissions granted on the Azure project
- › The destination domain should be having Contacts.ReadWrite(Graph) permissions granted on the Azure project

Features -

FEATURE POINT	STATUS
Demo Version License	Only two users
Date Filter	From - To supported (on Created Date)
Folder Structure	Original Structure Maintained
Special Characters / Foreign Language Names For Folders	Yes, if in accordance with Outlook rules
Folder Name Existing conflicts	Folders remain unaffected (need to check)
multiple email addresses	Supported
Phone :Business,home and mob(1)	Supported
Phone: Other category	Not Supported
IM address	Supported
Yomi company ,first name,last name	Supported
Work (Job title,department,company name,office location, manager,assistant name)	Supported
Note	Supported
Profile Photo	Supported
Personal Info - First Name,Last Name,Suffix,Prefix	Supported
Addresses : Business,Home ,Other	Supported
Other : Nick name,birthday,significant other,web page	Supported



CONTACT

Other : Hobbies,School,Personal web page , Anniversary, Location	Not Supported
Follow up Contacts Not Supported	Not Supported
Delta Migration	Supported

Shortcomings and Limitations -

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to preprocess the folders first and then the contacts.

Known Issues -

Issue	Reason
List and Groups not supported	No API endpoint
Deleted items	No API endpoint
Directory	No API endpoint
Follow up Contacts	No API endpoint
frequently contact list	No API endpoint
Favorites	No API endpoint
Requests Timed Out in Logs	Slow Internet connection
Invalid email address contacts got failed	bug no: ,441,APIInvoke Failed, BadRequest ErrorInvalidMailbox, Message: EmailAddress or ItemId must be included in the request
Some folder got skipped	bug no: ,435,We are not aware how that folder data has been created and API is not giving those folder list



CALENDAR

Primary Objective -

Migration of a user's Calendars and Events from an existing source account to an intended destination account which may or may not be a freshly created account.

Prerequisites -

- › The destination account should be having a valid license
- › Provide the UPN
- › The source domain should be having Calendar.Read(Graph) permissions granted on the Azure project
- › The destination domain should be having Calendars.ReadWrite.All, full_access_as_app(Exchange) Calendars ReadWrite.All, permissions granted on the Azure project
- › For writing calendar attendees we are using Exchange API

Features -

FEATURE	DESCRIPTION
Demo Limitation	Only two users
Folder Structure	Supported
Drive Attachment	Not Supported
Local attachment 4mb request	Supported
Date Filter	Supported [on the Start date]
Delta Migration	Supported
Special Characters / Foreign Language Names	Supported
Recurrence	Supported
Folder Color	Supported
Attendees	Outside domain supported (need to implement)
Resources	Supported
Notifications	Not supported
Future events	Up to +1 year supported

CALENDAR

Reminder	Supported
Categories	Supported(user-created categories should be present at destination)
Location	Supported
Other Calendars	Supported
Visibility	Supported
Time zone mapping	Supporting
Private and Public	Supported
Attendees status	Not supported
Read-only calendars	Not Supported
Imported / web calendars	Not Supported
Charm	Not Supported
System calendars	Supported and mapped to destination system calendar(need to check for non English system folder)
Shared Calendars	Not supported
group calendars	Not supported

Known Issues -

Issue	Description
All folders present even if they are outside the date filter's range	The application is designed to preprocess the folders first and then the files.
User Categories aren't automatically migrated.	The feature is yet to be implemented

API Limitation -

API Limitation	Description
Requests Timed Out in Logs	Slow Internet connection

API

The application is using the Microsoft Graph API which a REST based API for interacting with Office 365, also Microsoft Exchange Web Service API is used for Outlook 365 communication

Graph API : <https://docs.microsoft.com/en-us/graph/api/overview?view=graph-rest-1.0>

EWS : <https://docs.microsoft.com/en-us/exchange/client-developer/exchange-web-services/start-using-web-services-in-exchange>

API Request Volume Limit : 10000 requests every 10 minutes.