



GOOGLE WORKSPACE TO MICROSOFT 365

CONTACT US



support@systoolsgroup.com



+011-28084986



www.systoolsgroup.com



EMAIL

Pre-Requisites -

- Google console project need to be created for source G suit with service account.
- The Source account need to be license.
- Provider Target account need to UPN.
- The Source domain should be having scopes <https://mail.google.com/>
- Target Microsoft 365 need to be get registered with Azure application AD.

Features -

| FEATURE POINT | DESCRIPTION |
|---|--|
| Demo Version License | Only two users |
| Date Filter | From - To supported (received\send date time) For drafts Creation time. Date filter is not applicable for folders |
| Folder Structure | Original Structure Maintained |
| Special Characters / Foreign Language Names For Folders | Yes, if in accordance with Outlook rules |
| Folder Share | Sharing permissions migrated as per user mappings supplied |
| Folder Name Existing conflicts | Folders remain unaffected and gets used |
| Subject, To, Cc, Bcc | Supported |
| Multiple To, Cc, Bcc | Supported |
| Read/Unread Status | Maintained |
| Mail Attachments, Mark as Important | Supported |
| Mail Timestamp Retention | Mail Sent/Received times maintained |
| Draft Items timestamp | Drafts maintain timestamp ,but for preview it will show migrated timestamp |
| Demo Version License | Yes, 5gb of total data allowed. |



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|---|--|
| Mail Attachment without extension | supported |
| Delta Migration | New emails received after the starting time of migration will consider in the delta. |
| Max size supported | 50MB |
| Email having Invalid MIME Content | Store in One Drive as .eml File |
| Trash, Chats | Not Supported |
| Mails Creation and Last Modification Date | Not Supported |
| Custom fields of contacts not supported. | Not Supported |
| All Mails, Delegated Mailbox, Collaborative Mailbox | Not Supported |
| Shared folder/ Group Folders, Scheduled Mails | Not Supported |
| Snoozed, Spam | Not Supported |

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 |
| Email having an attachment on Google drive | Reading emails in RAW format. It doesn't provide the drive attachment link |
| We are Migrate Email Item in any one of Label if Item having multiple labels at source. we given first Priority to User Define label than System label. | Microsoft 365 Behavior |
| Folder Color | Not supported |
| Archive Item | we are getting item is archive or not using Label Id only .but Microsoft 365 allowed single email belong to single Folder |
| 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 |



EMAIL

Known Issues -

| Issue | Reason |
|---|---|
| Requests Timed Out in Logs | Slow Internet connection |
| Exchange Server Temporarily Unavailable | Exchange Service outage. |
| Issue 478 | For migration we are doing RAW to mime conversion. for attachment we are not doing any additional conversion.so we are not doing any changes for this[478] |
| Issue 448 | Those are system generated mails contain invalid from and cc values. which is not supported by Microsoft 365 |
| issue440 | we are getting item is archive or not using Label Id only .but Microsoft 365 allowed single email belong to single Folder .so we are not doing any changes for this |
| Issue 438 | we remove only chat and trash |

API Limitation -

| Limitation | Reason |
|--------------|--|
| Read Receipt | API don't provide access to read receipt |



CONTACT

Pre-Requisites -

- Google console project need to be created for source G suit with service account.
- The Source account need to be license.
- Provider Target account need to UPN.
- The Source domain should be having scopes “https://www.google.com/m8/feeds”.
- The destination domain should be having Contact. ReadWrite(Graph) permissions granted on the Azure project.

Features -

| FEATURE POINT | DESCRIPTION |
|--|--|
| 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 | Supported |
| Birthday, work address, Home address | Supported |
| Email addresses | Supported |
| Personal Info -First Name, Middle Name, Last Name, Suffix, Title . | Supported |
| IM address, Relationship | Supported |
| Delta Migration | Supported |
| Note, Contact Photo | Supported |
| Pager, Other Phone, Telex Phone, Anniversary, Blog, Home Fax, Business Fax | Add In Contact Body Graph Api Not supported |
| language | source and destination language should be same |



CONTACT

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| migration sequence | we can change migration sequence by using .umc file.be default we provider contact, calendar, mail, document. |
| Folder Length | supported up to 100 characters. |
| Delegate contacts | Not Supported |
| Custom Internet Call and Internet Call | Not Supported |
| Contact groups | Not Supported |

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. |
| Other Contact Folder Is not migrated | API Limitation(Other contacts item migrated into Contact folder |

API Limitations -

| Issue | Reason |
|--|----------------|
| We Migrated 8000 to 10000 Item in single Run | API Limitation |



CALENDAR

Pre-Requisites -

- Google console project need to be created for source Google Workspace with service account.
- The Source account need to be license.
- Provider Target account need to UPN.
- Domain-wide scopes must be provided for source domains.
- The destination domain should be having Calendar. Read(Graph).
- Google Workspace source admin must have access to Google APIs.

Features -

| FEATURE POINT | DESCRIPTION |
|---|---|
| Demo Version License | Only two users |
| Drive Attachment | Supported |
| Folder Structure | Supported |
| Date Filter | From Date-Lower bound (exclusive) for an event's end time to filter by TO Date-Upper bound (exclusive) for an event's start time to filter by (Date Filter apply as per UTC) |
| Delta Migration | Supported |
| Special Characters / Foreign Language Names | Supported |
| Recurrence | Supported [customized color need to check] |
| Folder Color | supported(supported by Microsoft 365) customized color not supported |
| Attendees other domain | Supported |
| Folder Mapping, remainder | Supported |
| occurrence limit | 999 |



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|--------------------|--|
| Default visibility | Supported |
| Event Status | Supported |
| Time Zone | Supported |
| Future Events | The date range will be +1 year from the current date |
| Trash | Not Supported |
| shared calendar | Not Supported |
| attendees status | Not Supported |
| notification | Not Supported |

Limitations -

| | |
|---------------------------|---------------|
| Event up to 4MB supported | API issue |
| Item overlap | API issue |
| Invalid Recurrence | Not Supported |



DOCUMENT

Pre-Requisites -

- Google console project need to be created for source G suit with service account.
- The Source account need to be license.
- Provider Target account need to UPN.
- Domain-wide scopes must be provided for source (read) and destination(write) permissions.
- The Source domain should be having scopes “https://www.googleapis.com/auth/drive”.
- Target Microsoft 365 need to be get registered with Azure application AD.
- The Target accounts needs to be pre-provisioned.
- Need to prepare with Group Mapping CSV if groups are Created.

Features -

| FEATURE POINT | DESCRIPTION |
|---|--|
| Demo Version License | Only two users |
| User Can Apply Date Filter on Modification Date Time | Supported |
| Google Document, Google Sheets, Drawing & Google presentation | Supported. Google Document, Google Sheets Google presentation. Migrate in its native format |
| Folder Structure | Folder Structure |
| Folder Share | Sharing permissions migrated as per user mappings supplied |
| File Share | Sharing permissions migrated as per user mappings supplied |
| Special Characters / Foreign Language Names | Supported |
| File/Folder Name Existing conflicts | Folders unaffected and files name appends with number |
| Maximum File size | 15 Gigabytes |
| Delta Migration | Delta migration work for newly created document. Delta migration will work only on Created date. |



DOCUMENT

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| Files located under shared folder | Supported (In this case file location will be changes root folder) |
| Date filter | Supported. Date filter is not applicable for folders |
| File/Folder Share through link | Not Supported |
| Shared With Me, File Versions | Not Supported |
| Team Drive, Trah Folder | Not Supported |
| Outside domain address handling | Not Supported |
| Create sub-folder in Shared With Me Folder | Not Supported |

Limitations -

| Limitation | Reason |
|--|---|
| Google Sites | API Limitation |
| Google My Maps | API Limitation |
| Google Jam board | API Limitation |
| 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. |
| Mail Notification by SharePoint app(shared link) | 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. If we give mapping for source and destination account for migration then this SharePoint notification mails will not come |



DOCUMENT

Known Issues -

| Known Issue | Reason |
|---|---|
| Max folder/file name length of 100 characters | One Drive allows 400 characters in the total path |
| Folders and Files placed at Root Folder | If a File/Folders total path length is crossing 320 characters, we change its parent to ROOT folder |
| Remove invalid Character{ , "*" , ":" , "<" , ">" , "?" , "/" , "\" , " " , "'" , "#" , "%" , "." , "," , ";" , "\t" } from Document Name | API Limitation. Replaced by underscore |
| Folder Color is not maintained | NA in Microsoft 365 |
| Without Extension file is migrated ,but not preview | Microsoft 365 behavior |