

IMAP Migrator

Objective

As a user, I should be able to migrate Emails from source IMAP account to a destination IMAP account seamlessly.

Prerequisites

- IMAP client Port number should be required.
- App password should be required.
- IMAP Server name should be required.
- Username should be required.
- IMAP should be enabled for the source account.
- A less secure app should be ON.
- Net connection bandwidth minimum 100mbps is required.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.
- The destination account should be present at the destination domain.
- The application will migrate data from the folders which are visible to the IMAP server.
- The destination account should have a valid license.

Features	Status	Description
Demo Version Limit	Supported	100 Emails per account (We will migrate 100 Emails from first 5 folders from the selected source account)
Date Filter	Supported	Applicable on Created Date(Sent Date)
Folder Structure	Supported.	IMAP to IMAP migration should dynamically map folders between the source and destination
Unicode Characters Names For Folders	Supported	Yes, if in accordance with google rules.
Folder Name Existing conflicts	Supported	Folders remain unaffected and gets used.
Archive Folder	Not supported	We didn't get emails under Archive folder in chilkat object at the time of reading.
Subject Length	Supported	Support 255 characters.
Trash	Not Supported	
Policies	Not Supported	We didn't get Policies in chitchat object at the time of reading.

Read/Unread Status	Supported	
Mail Attachments	Supported .	
Drive Attachment	Supported	Need to check for max size
Drive Attachments	Supported	If the email contains a Google Drive link (e.g., https://drive.google.com/...), it will migrate successfully as long as the email body is preserved.
Signatures settings	Not Supported	We didn't get Signatures settings in chilkat object at the time of reading.
Flags	Supported	Mark as Important
Conversation Threads	Not Supported	Conversation threads are not maintained using chilkat.imap at the time of reading.
Mail DateTime Retention	Supported	
Drafts	Supported	DateTime maintained same as source
Maximum Mail Size	Supported	25 MB (Added separate table below for more details)
Delta	Supported	
Cross-language	Supported	Folder mapping not applicable.
Folder color	Not supported	We didn't get Folder colors in chilkat object at the time of reading.
Hidden Folder	Not Supported	We didn't get Hidden Folder in chilkat object at the time of reading.
Multiple Labels assign to emails	Not Supported	We didn't get multiple label assign to emails in chilkat object at the time of reading.
Starred folder	Supported	"Starred" named folder created at destination
Chats	Not Supported	Not in scope
Spam	Supported	mapped with "Junk" folder
Category Labels	Not Supported.	IMAP does not support Category labels
Scheduled Mails	Not Supported	IMAP does not support Scheduled mails
Snoozed Mails	Not supported	IMAP does not support Snoozed mails
HTML Body	Supported	

Folder name length	Supported	
From, To, BCC ,CC	Supported	
Attachments	Supported	
Inline Images	Supported	
Embedded attachments	Supported	
Email plain body	Supported	
Email Subject	Supported	
Body and Subject in other than English Language	Supported	
Message Header	Supported	
All Mails	Not Supported	All folders mails are present in All Mails and we are migrating all folder mails so items will be duplicated at destination.
Calendar invitation in mails	Supported	

Mail Attachment Size Limit in IMAP to IMAP Migration

Email Provider	Max Attachment Size (Sending)	
Gmail	25 MB	
Outlook	25 MB	
Yahoo Mail	25MB	
Zoho Mail	20MB	
iCloud	25MB	

Limitation & Reasons

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 Emails.
Rate Limits & Throttling	Many providers limit the number of IMAP requests per hour/day Too many requests can cause temporary blocks or account suspensions.
Mailbox Storage Limits	Make sure destination account have Enough space to migrate emails
Attachment Size Limits	Large emails may fail or be truncated. (e.g., Gmail: 25 MB, ZOHO: 20 MB).

Folder Mapping Problems	Folder names may vary across providers (e.g., Sent Mail in Gmail vs. Sent Items in Outlook).
All Mail folder not migrated	Some folders may not migrate (e.g., Gmail's [Gmail]/All Mail folder isn't a standard IMAP folder).

API

The application uses the **IMAP protocol** with the **Chilkat library** to access and migrate emails and folders.