

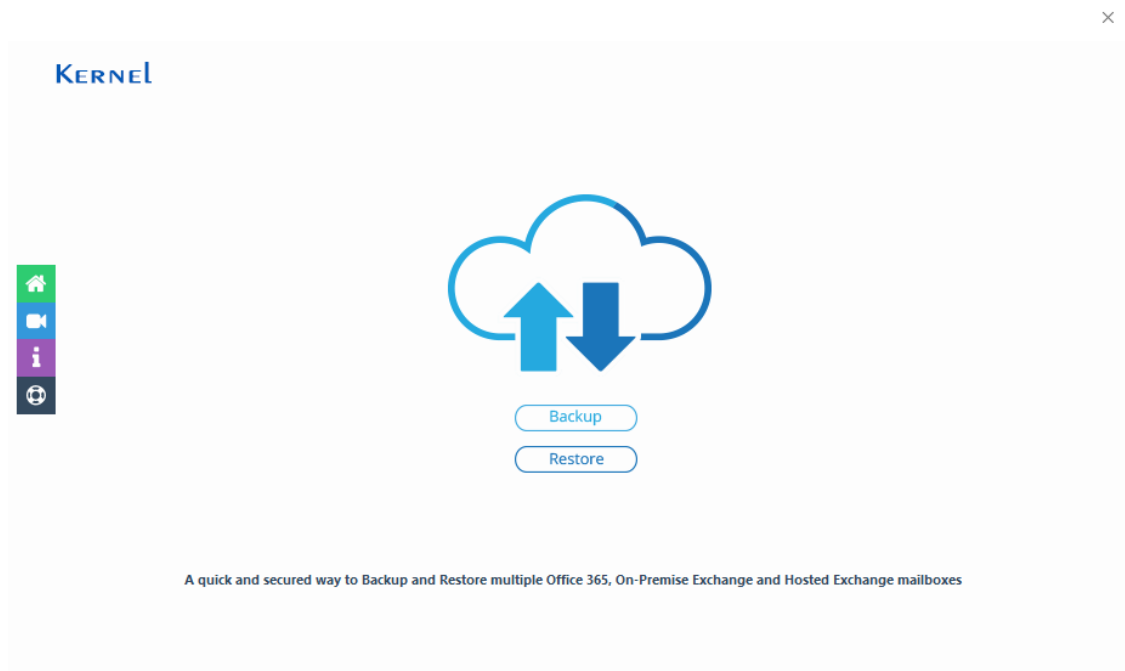
# How to use Kernel Export Office 365 to PST?

The software helps users to backup for Office 365 mailboxes and Exchange data into PST format. Use the tool to backup and restore Office 365/Exchange mailbox to PST.

## Backup for Office 365 mailboxes

Follow the below steps to backup the single mailbox:

**Step 1:** Launch the application and click the **Backup** button.



**Step 2:** Click on **Add** to map **Exchange Server/Office 365** account with the software.



**Note:** To backup multiple mailboxes, click **Download Sample CSV File**, enter the required mailbox details then click **Import from CSV** to import that CSV in the software. It will instantly map multiple mailboxes in the software.

**Step 3:** Select **Use Modern Authentication while login (by using user client id and secret)** in **Choose Login Types** and click **OK**.



**Step 4:** Enter **Exchange/Office 365** mailbox credentials such as **Tenant ID**, **Client ID**, and **Client Secret Value**. Select **List all Mailbox using above credentials** and **Get User Mailbox(es)**.

**Note:** You can add Office 365, Hosted Exchange Server, or On-Premises Exchange details as required.

**Create Azure AD app for Modern Authentication**

To connect to Exchange Online organization that uses Modern authentication, you need to create an Azure AD application, as described in this section.

Step 1: Create and Register a new app in Azure AD

To register a new Azure AD application, do the following:

1. Sign into the Microsoft 365 Admin Center (with your Global Administrator, Application Administrator, or Cloud Application Administrator account) and go to the Select Identity from the list of accessible admin centers.
2. Under the App registrations section, select New registration.
3. In the Name field, enter the application name.
4. Select who can use this application in the Supported account types – use the Accounts in this organizational directory only option.
5. Click the Register button.

NOTE: Application redirect URI is optional; you can leave it blank on this step.

6. Your application ID is now available in the Overview section. Copy it to a safe location.

Step 2: Grant Required Permissions

**Step 5:** The software will start retrieving all mailboxes associated with the Office 365/Exchange Login account. The software will pop up **Please wait while current process finishes**.

**Please wait while current process finishes**

**Step 6:** The software will show all the mailboxes associated with your account. Select necessary mailboxes accordingly and click on **Add**.

**Create Azure AD app for Modern Authentication**

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1. Sign into the Microsoft 365 Admin Center (with your Global Administrator, Application Administrator, or Cloud Application Administrator account) and go to the Select Identity from the list of accessible admin centers.
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5. Click the Register button.

NOTE: Application redirect URI is optional; you can leave it blank on this step.

6. Your application ID is now available in the Overview section. Copy it to a safe location.

**Step 2: Grant Required Permissions**

**Step 7:** Verify all the selected mailboxes and click on **Set Filter and Migrate**.

**KERNEL**

Use "Add" button to add single/multiple Office 365, On-Premises Exchange or Hosted Exchange Server for migration. To add multiple mailbox(es) as sources, use credentials of Global Administrator for Office 365 and Admin Privilege user mailbox for Exchange server.

**+ Add**

1	✖	contoso@kernel.onmicrosoft.com	+
2	✖	admin@kernel.onmicrosoft.com	+
3	✖	admin@kernel.onmicrosoft.com	+

**Export mapped list to CSV** **Import from CSV** **Set Filter and Migrate**

**Step 8:** Select the source options from **Mailbox**, **Archive Mailbox**, or **Public Folder** for migration and click **Migrate**.

Migration Type Selection

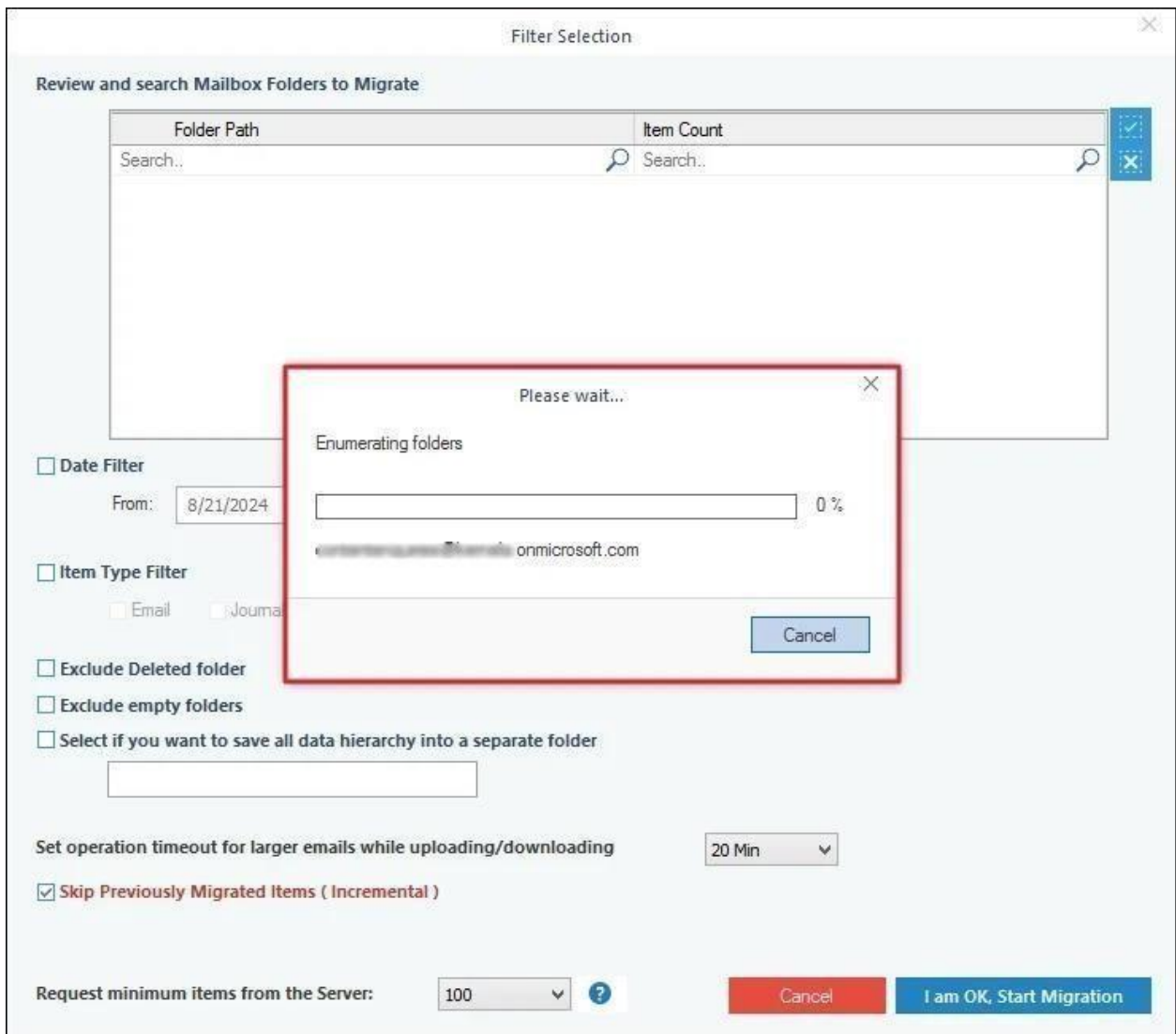
Please select migration ( Mailbox, Archive Mailbox or Public Folder) as per your choice using Drop-down list.

Mailbox Archive Mailbox Public Folder

Source Mailbox(es)	From Source
Search..	Search..
contentenquiries@kemela.onmicrosoft.com	Mailbox
sudesh@kemela.onmicrosoft.com	Mailbox
tarunlamba@kemela.onmicrosoft.com	Archive Mailbox
	Public Folder

Cancel Migrate

**Step 9:** The software will start **Enumerating folders** from the Office 365 account.



**Step 10:** In the **Filter Selection** window, choose the filtering options as required:

- **Review and search Mailbox Folders to Migrate:** Select the folders to migrate.
- **Date Filter:** Provide a date range to filter items.
- **Item Type Filter:** Select Email, Journal, Task, Contacts, and Contacts/Appointment accordingly.
- **Exclude Deleted folder:** Select to skip deleted items folder from migration.
- **Exclude empty folders:** Exclude empty folders from the migration.
- **Select if you want to save all data hierarchy into a separate folder:** Provide a folder name (to save the data inside a folder.)
- **Set operation timeout for larger emails while uploading/downloading:** Select an upper time limit for backup (the backup will be rejected if it exceeds the limit).

- **Skip Previously Migrated Items (Incremental):** Check the box to exclude the already migrated data and migrate only the additional data.
- **Request minimum items from the Server:** The software will request server to retrieve files from the mailbox.

Finally click **I am OK, Start Migration.**

**Filter Selection**

Review and search Mailbox Folders to Migrate

Folder Path	Item Count
Search..	Search..
Mailbox: contentenquiries@kemela.onmicrosoft.com	
<input checked="" type="checkbox"/> 05jan	0
<input checked="" type="checkbox"/> 101	0
<input checked="" type="checkbox"/> 101\Gmail	0
<input checked="" type="checkbox"/> 101\Gmail\Important	10
<input checked="" type="checkbox"/> 12_June_santosh	0
<input checked="" type="checkbox"/> 12_June_santosh\101	0
<input checked="" type="checkbox"/> 12_June_santosh\101\Gmail	0
<input checked="" type="checkbox"/> 12_June_santosh\101\Gmail\Important	10
<input checked="" type="checkbox"/> 1233	0

☒ **Date Filter**

From: 8/22/2024 To: 8/22/2024

☒ **Item Type Filter**

☒ Email ☒ Journal ☒ Task ☒ Contacts ☒ Calendar/Appointment

☒ **Exclude Deleted folder**

☒ **Exclude empty folders**

☒ **Select if you want to save all data hierarchy into a separate folder**

Jail

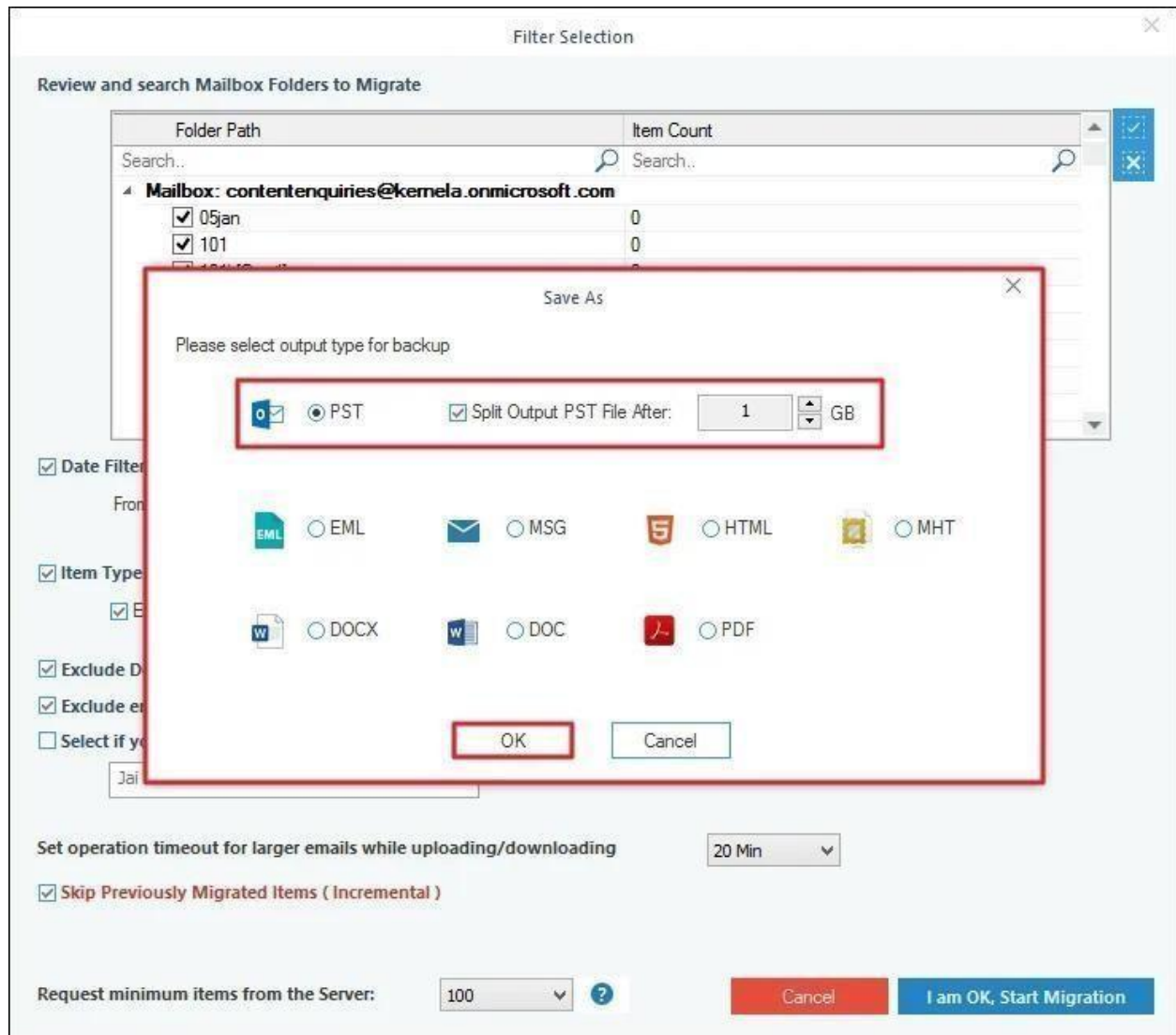
Set operation timeout for larger emails while uploading/downloading 20 Min

☒ **Skip Previously Migrated Items ( Incremental )**

Request minimum items from the Server: 100

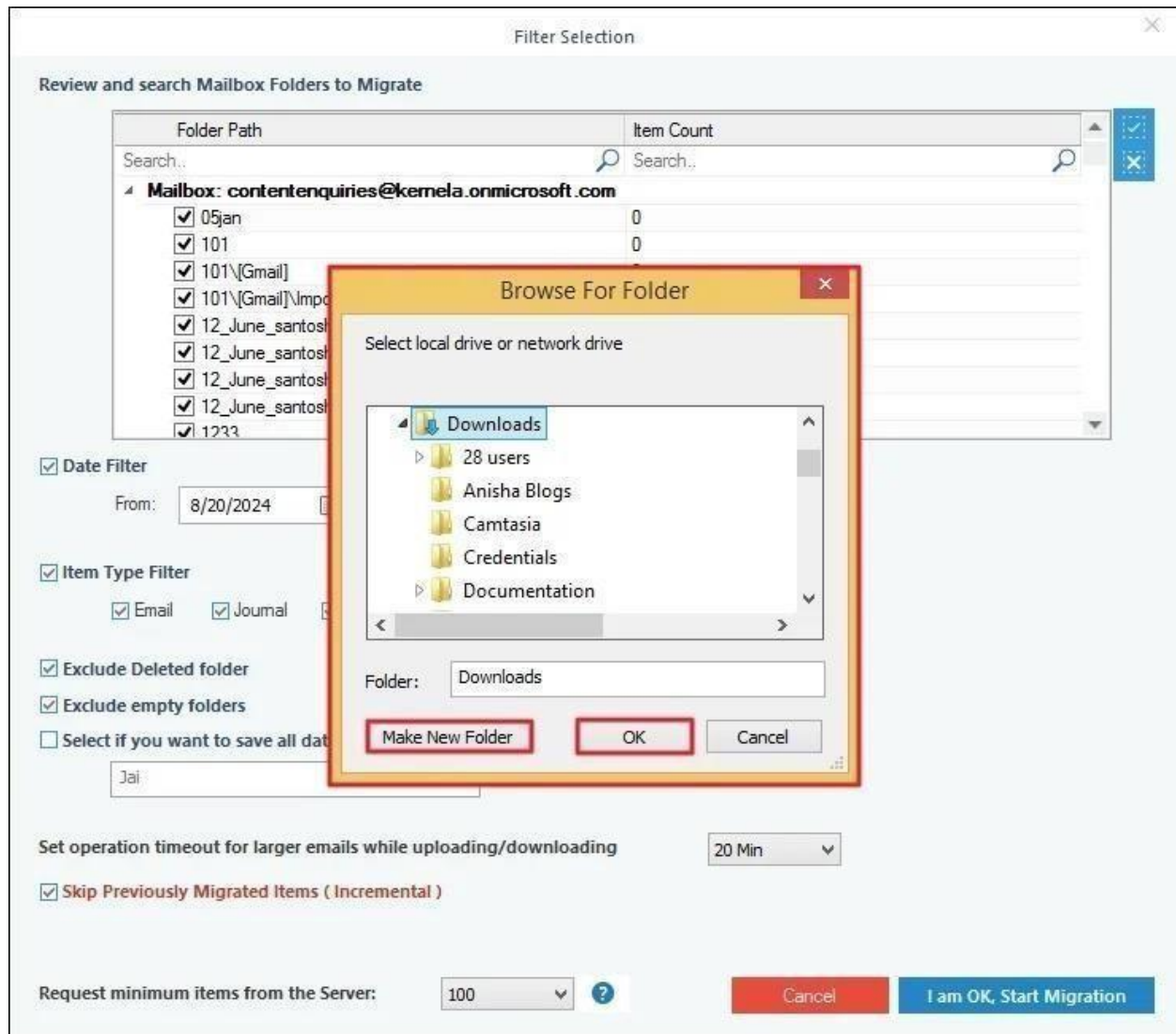
Cancel I am OK, Start Migration

**Step 11:** In the **Save As** dialogue box, select the **PST** file, tick **Split Output PST File After** to create multiple PST files, and click **OK**.



**Step 12:** Provide a destination to save **PST** file. Also, you can **Make New Folder** to save all your backed-up files by clicking **OK**.





**Step 13:** The software will start the backup process and show the live backup process in the following wizard.

Filter Selection

Review and search Mailbox Folders to Migrate

Folder Path

Item Count

Summary

Mailbox	Folder	Status	Item Count
...	101\[Gmail]\Im...	Success	10
...	12_June_santo...	Success	10
...	1233\2 feb 3rd ...	Success	7
...	12april24\AMigr...	Success	15
...	12april24\Calen...	Success	22
...	12april24\Cont...	Success	283
...	12april24\Drafts	Success	2
...	12april24\Inbox	Success	2351
...	12april24\Calen...	Success	128
...	12april24\Cont...	Success	2
...	12april24\Inbox...	Success	5678
...	26 june wednes...	Success	1
...	26 june wednes...	Processing..	6271
...	26 june wednes...	Pending	468
...	26 june wednes...	Pending	10
...	26 june wednes...	Pending	6271
...	AMigration	Pending	15
...	Calendar	Pending	22
...	Calendar\cal	Pending	22

Stop

☒ Skip previously migrated items (incremental)

Request minimum items from the Server:

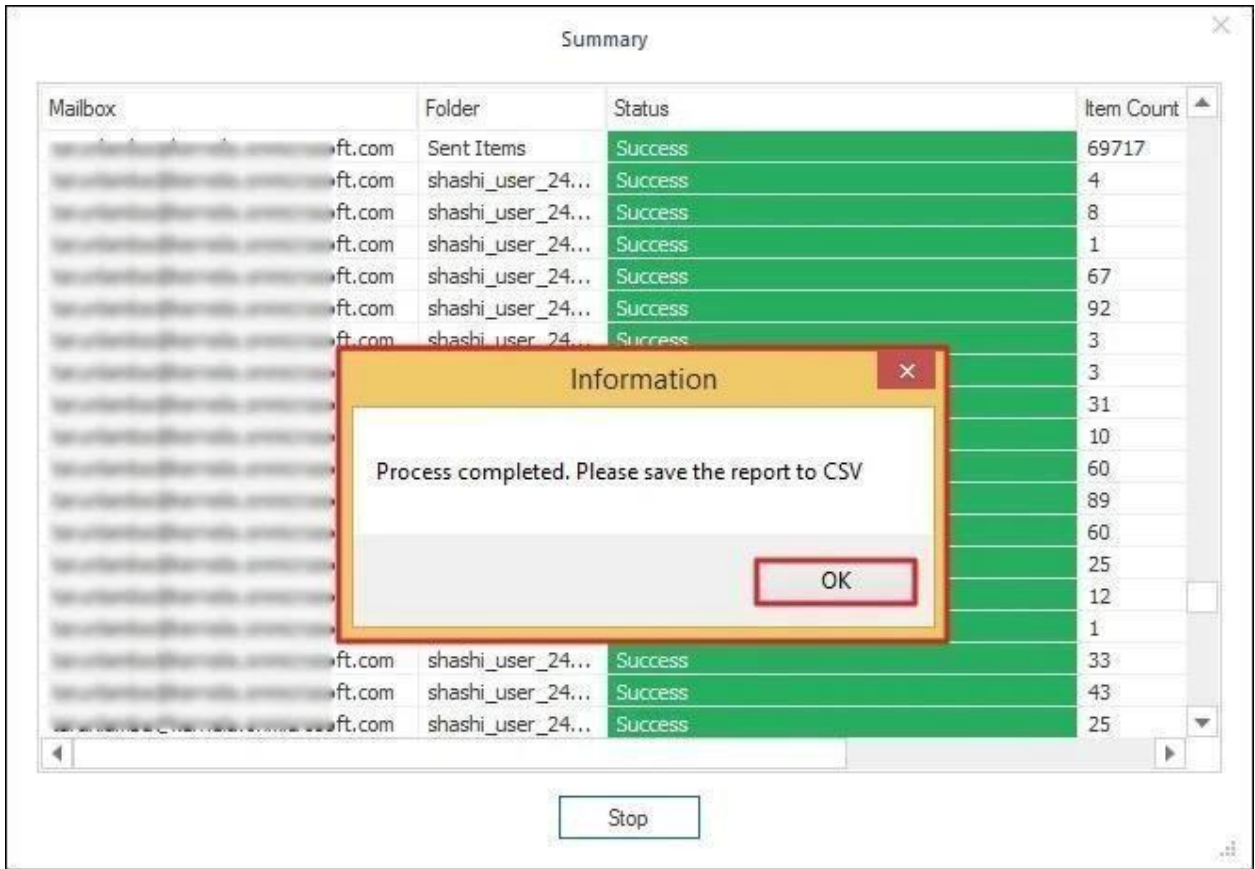
100

?

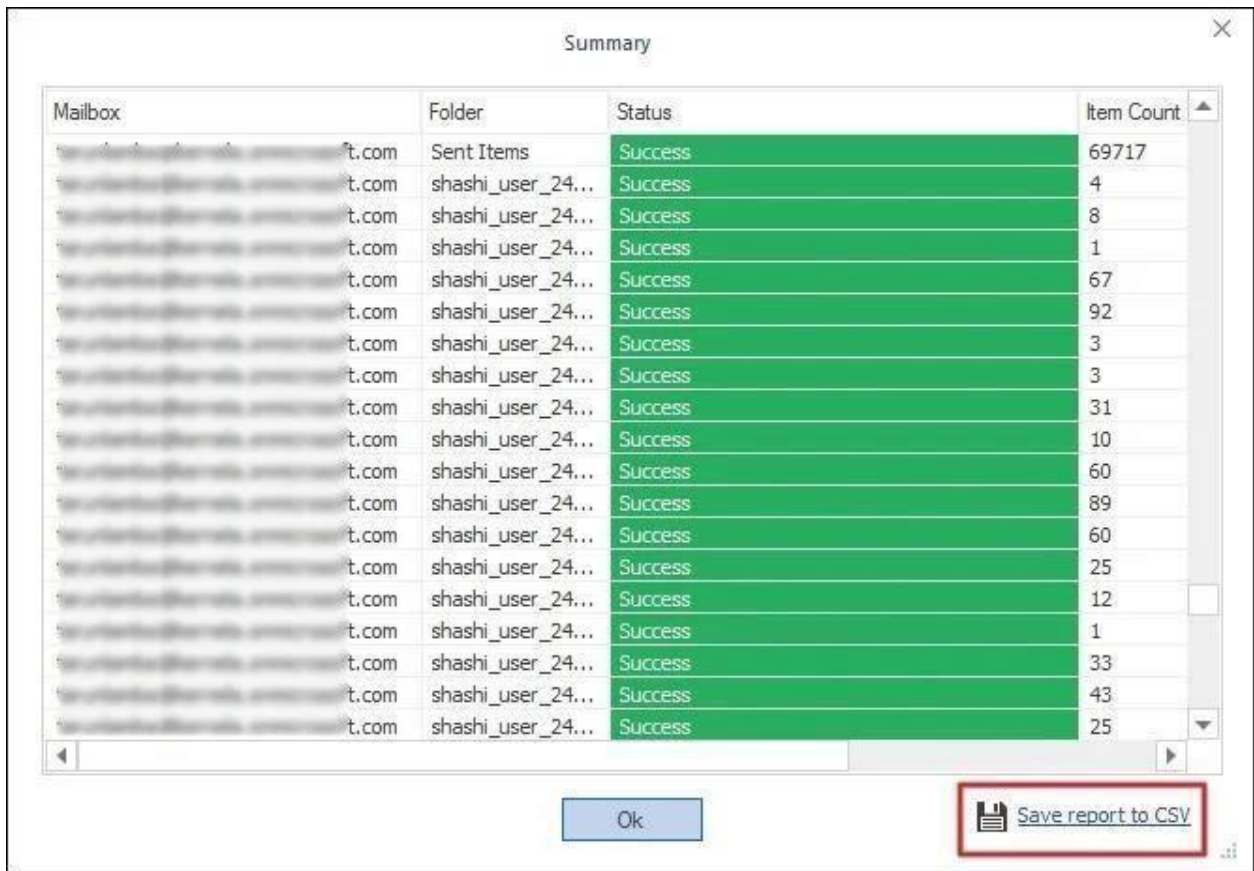
Cancel

I am OK, Start Migration

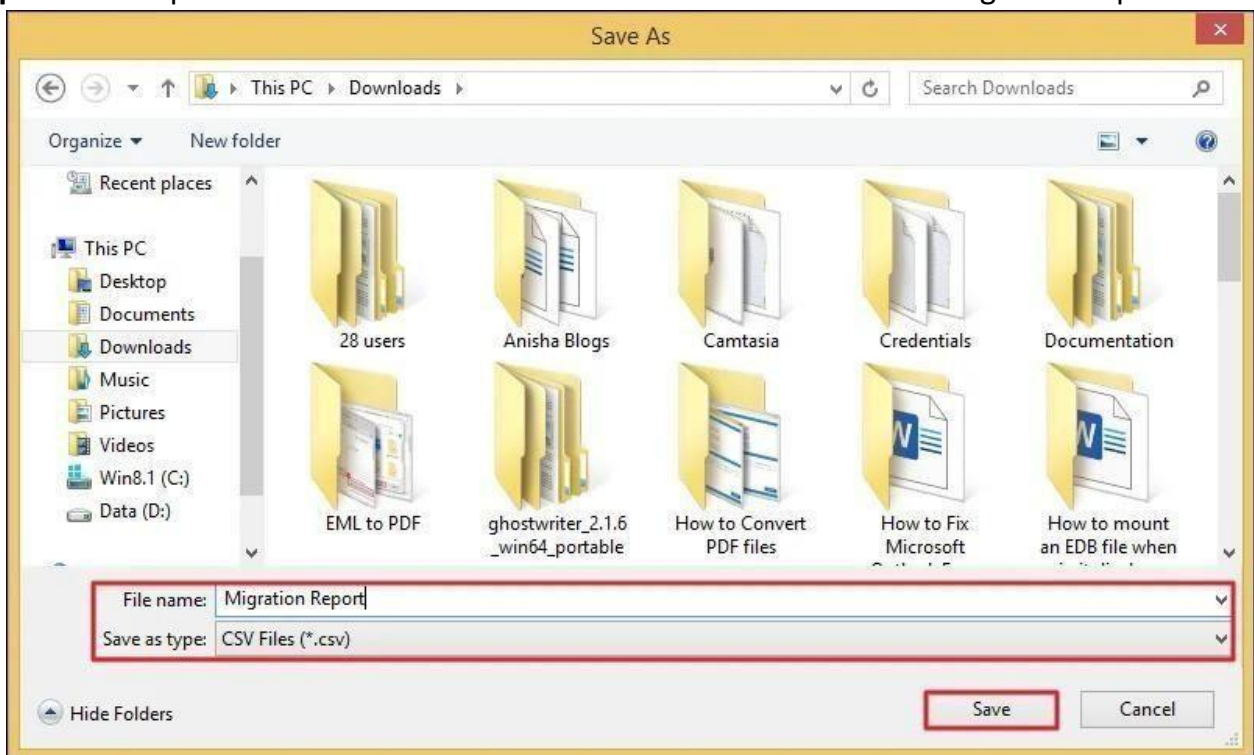
**Step 14:** Once the process is completed, software will pop up **Process completed**. Please **save the report to CSV** and click **OK**.



**Step 15:** To download a detailed migration report, click on **Save report to CSV**.



**Step 16:** Select preferred location and enter the **CSV** file name to **Save** migration report.



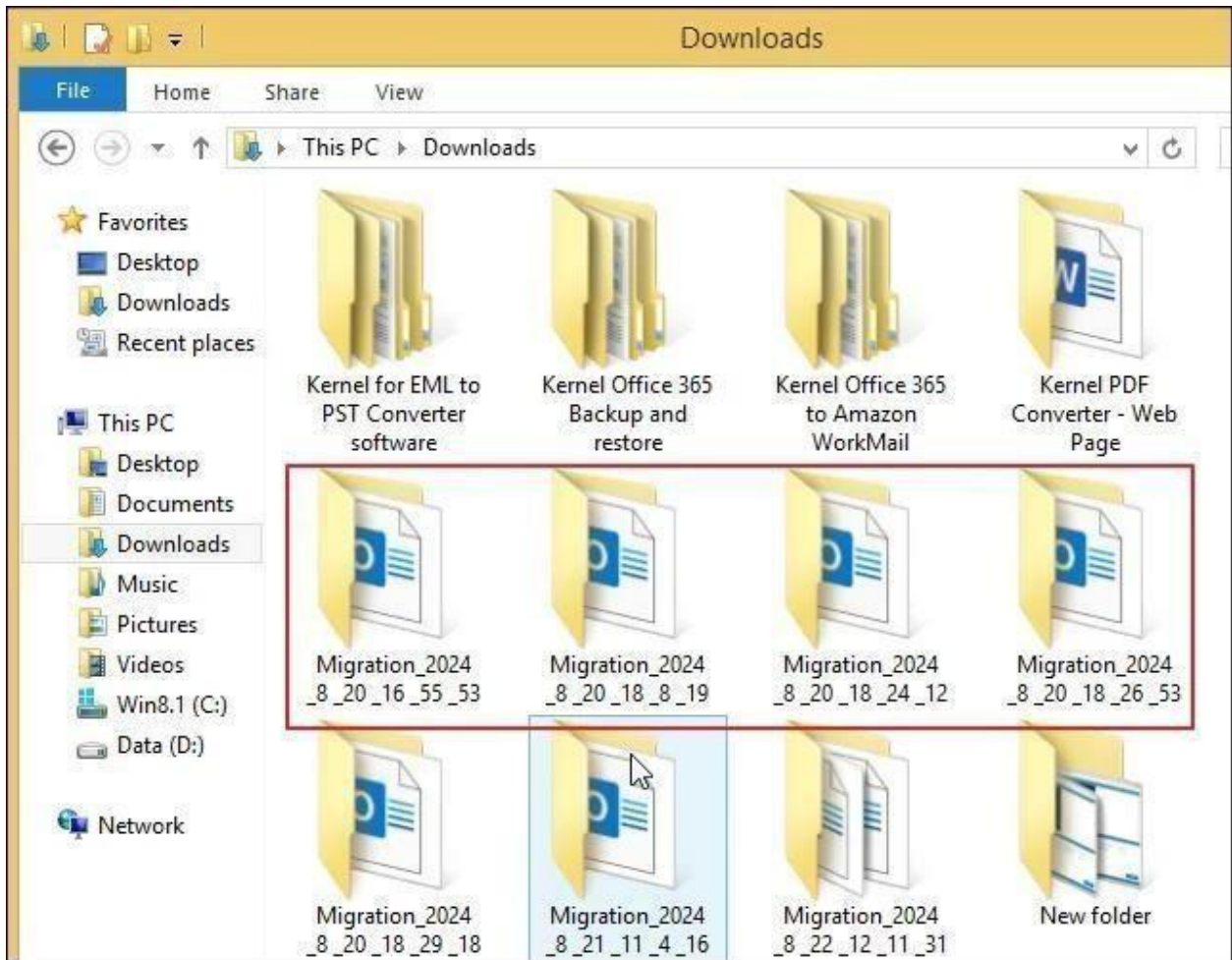
**Step 17:** After all, click **OK** to end the backup process.

Summary				
Mailbox	Folder	Status	Item Count	
shashi_user_24...@onmicrosoft.com	Sent Items	Success	69717	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	4	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	8	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	1	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	67	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	92	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	3	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	3	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	31	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	10	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	60	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	89	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	60	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	25	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	12	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	1	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	33	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	43	
shashi_user_24...@onmicrosoft.com	shashi_user_24...	Success	25	

Ok
Save report to CSV

**Step 18:** Access all your backed PST files in the designated location.





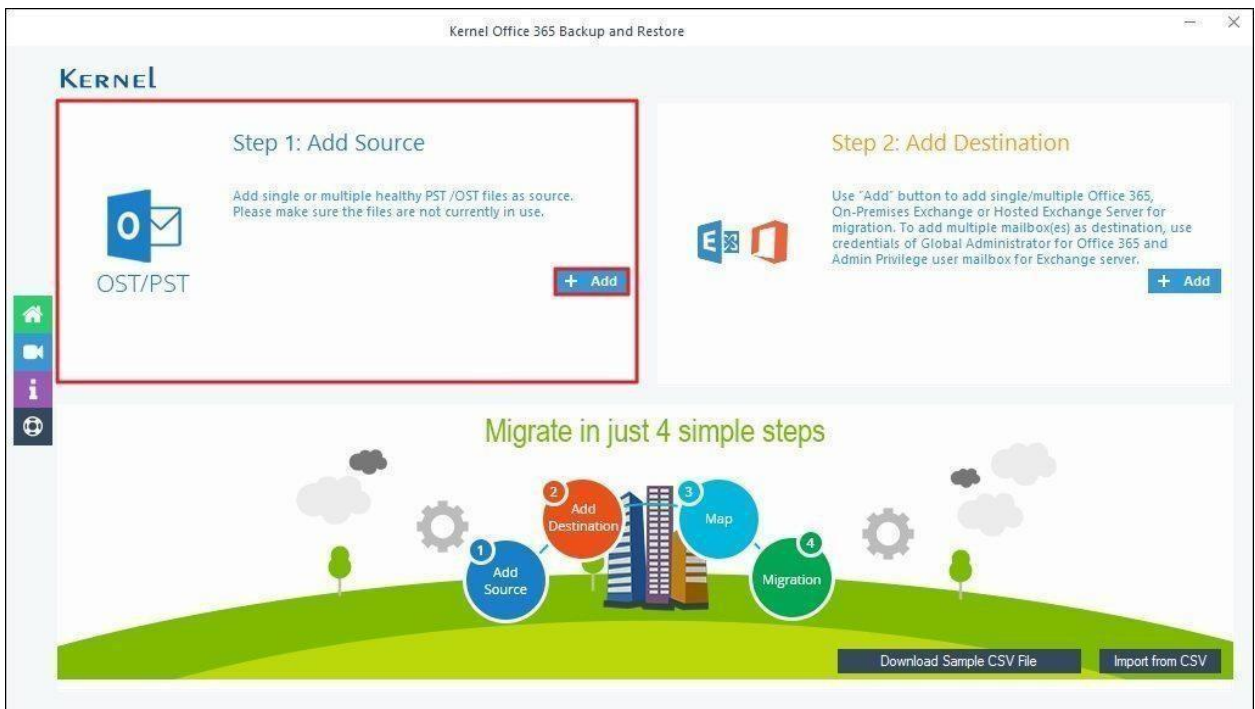
## Importing PST files to Office 365/Exchange mailboxes

Import single or multiple PST files to Office 365 mailboxes using an Office 365/Exchange account with Global administrator credentials.

**Step 1:** Launch the software and click on **Restore**.

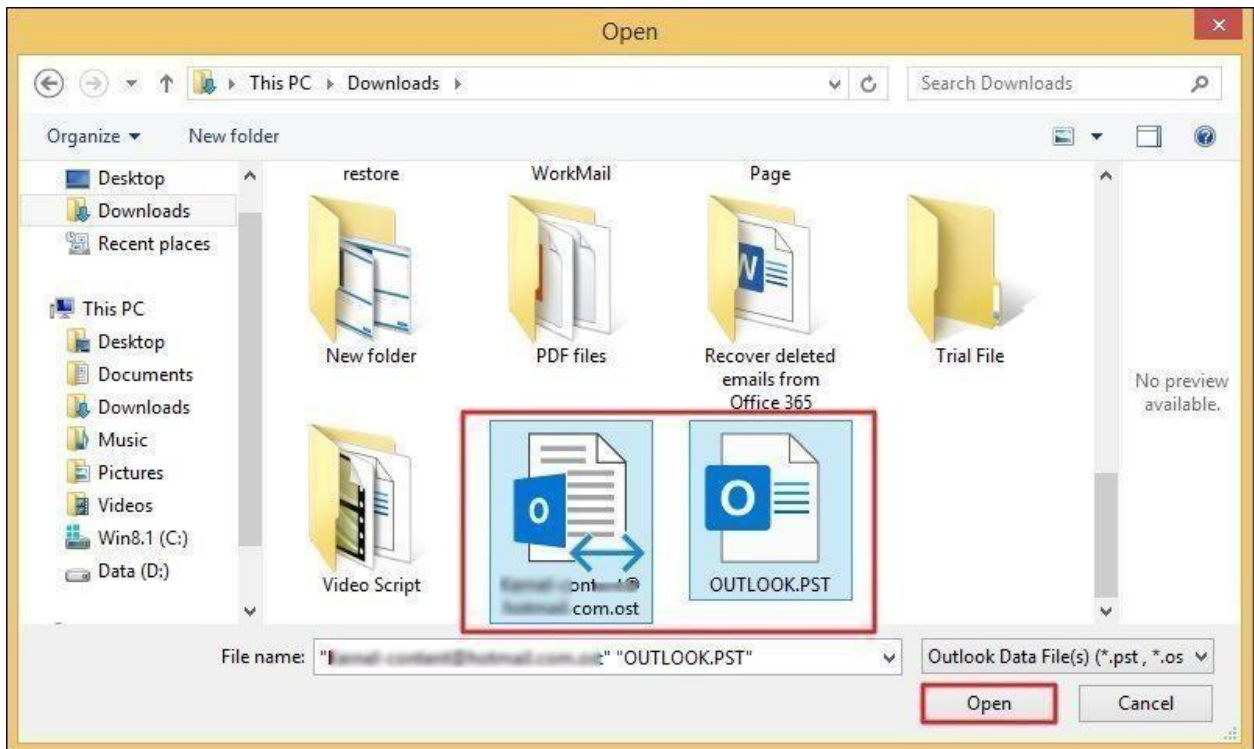


**Step 2:** Click on **Add** in the **Add Source** section.

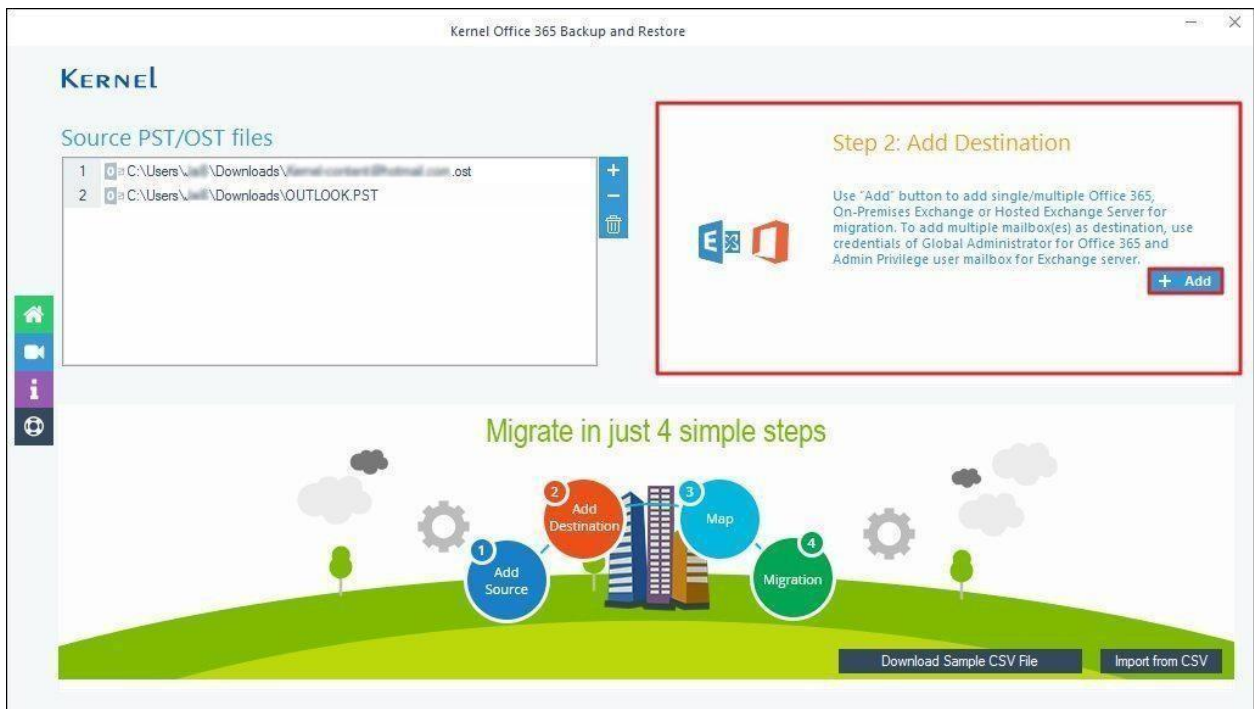


**Step 3:** Browse and select **PST files** and proceed to **Open**.

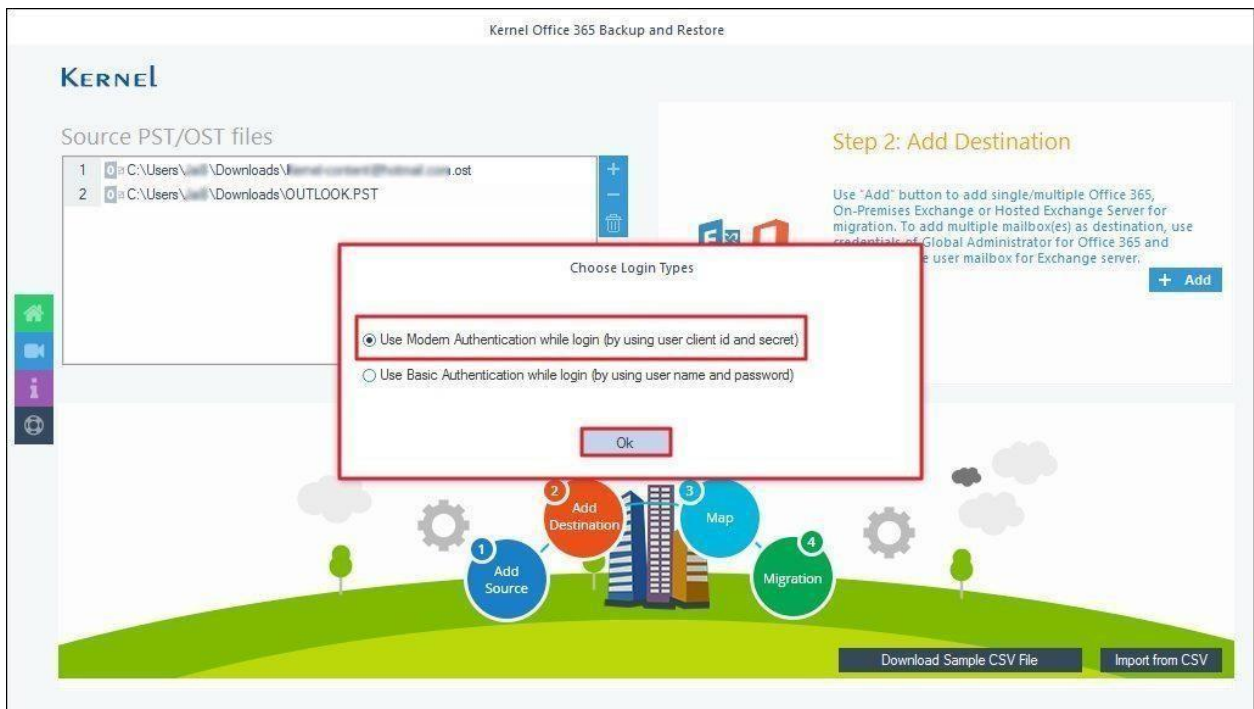




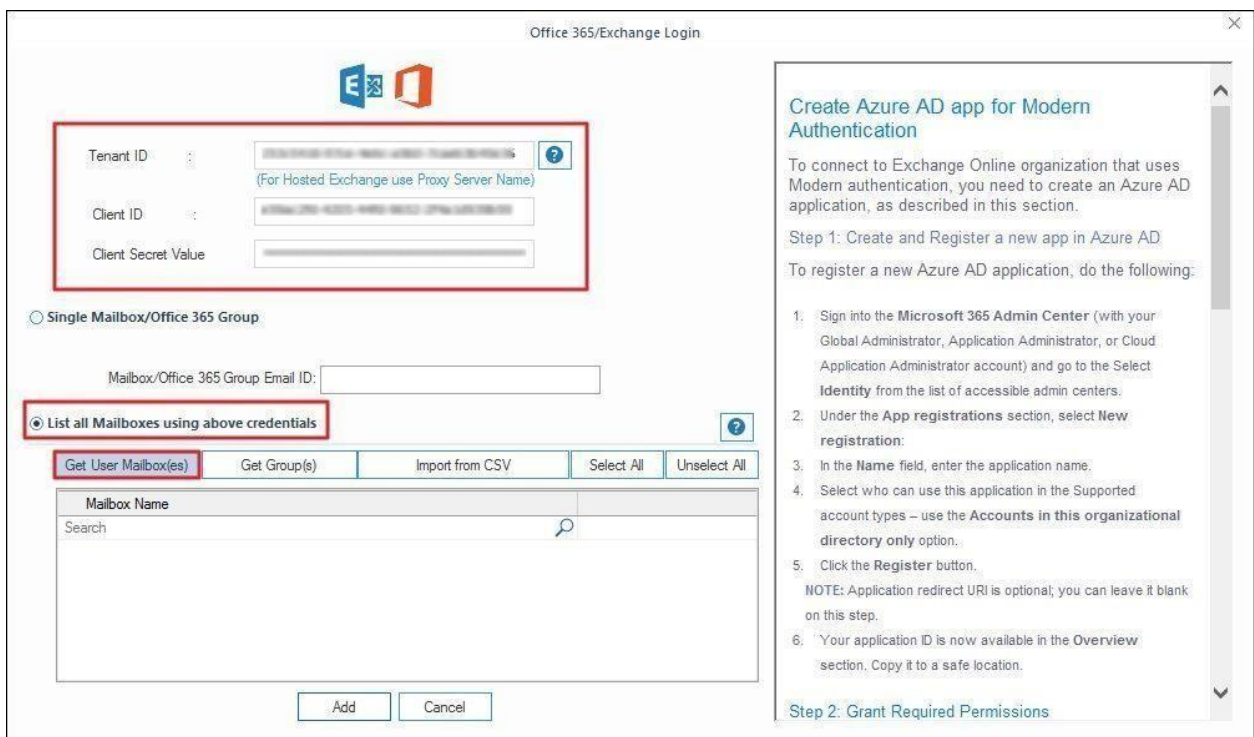
**Step 4:** Click on **Add** in the **Add Destination** section.



**Step 5:** In **Choose Login Types**, select **Use Modern Authentication while login (by using user client id and secret)**.




**Step 6: Enter Tenant ID, Client ID, Client Secret Value, and Mailbox/Office 365 Group Email ID on the Office 365/Exchange Login page. Click on List all Mailboxes using above credentials and select Get User Mailbox(es).**



**Step 7: The software will start fetching all the mailboxes associated with given credentials and show Please wait while current process finishes in the toolbar.**

Office 365/Exchange Login



Tenant ID :  ?  
(For Hosted Exchange use Proxy Server Name)

Client ID :

Client Secret Value :

☐ Single Mailbox/Office 365 Group

Mailbox/Office 365 Group Email ID:

☒ List all Mailboxes using above credentials ?

Get User Mailbox(es) Get Group(s) Import from CSV Select All Unselect All

Mailbox Name
Search <input type="text"/>

Add Cancel

Please wait while current process finishes

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To register a new Azure AD application, do the following:

1. Sign into the Microsoft 365 Admin Center (with your Global Administrator, Application Administrator, or Cloud Application Administrator account) and go to the Select Identity from the list of accessible admin centers.
2. Under the App registrations section, select New registration.
3. In the Name field, enter the application name.
4. Select who can use this application in the Supported account types – use the Accounts in this organizational directory only option.
5. Click the Register button.


NOTE: Application redirect URI is optional; you can leave it blank on this step.

6. Your application ID is now available in the Overview section. Copy it to a safe location.

Step 2: Grant Required Permissions

**Step 8:** The tool will preview all the mailboxes, select your preferred mailbox, and click **Add**.

Office 365/Exchange Login



Tenant ID :  ?  
(For Hosted Exchange use Proxy Server Name)

Client ID :

Client Secret Value :

☐ Single Mailbox/Office 365 Group

Mailbox/Office 365 Group Email ID:

☒ List all Mailboxes using above credentials ?

Get User Mailbox(es) Get Group(s) Import from CSV Select All Unselect All

Mailbox Name
Search <input type="text"/>
<input type="checkbox"/> [redacted]@microsoft.com
<input checked="" type="checkbox"/> [redacted]@microsoft.com
<input type="checkbox"/> [redacted]@microsoft.com
<input checked="" type="checkbox"/> [redacted]@microsoft.com
<input checked="" type="checkbox"/> [redacted]@microsoft.com

Add Cancel

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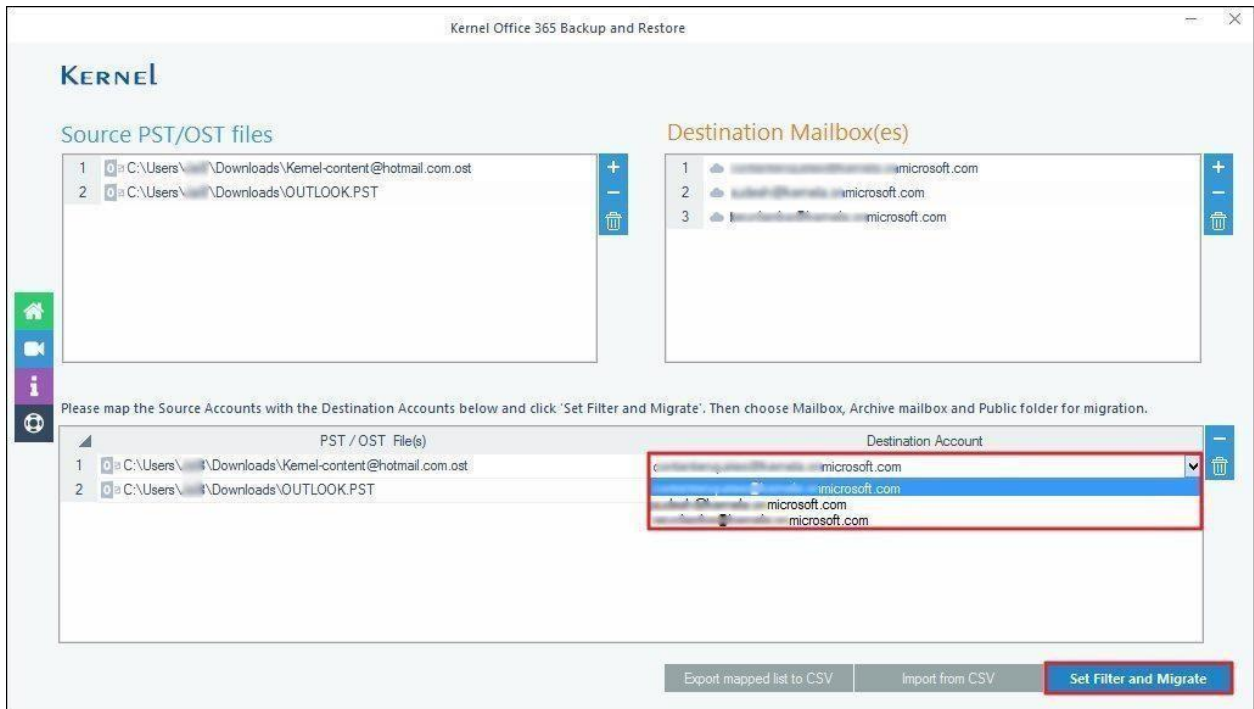
1. Sign into the Microsoft 365 Admin Center (with your Global Administrator, Application Administrator, or Cloud Application Administrator account) and go to the Select Identity from the list of accessible admin centers.
2. Under the App registrations section, select New registration.
3. In the Name field, enter the application name.
4. Select who can use this application in the Supported account types – use the Accounts in this organizational directory only option.
5. Click the Register button.

NOTE: Application redirect URI is optional; you can leave it blank on this step.

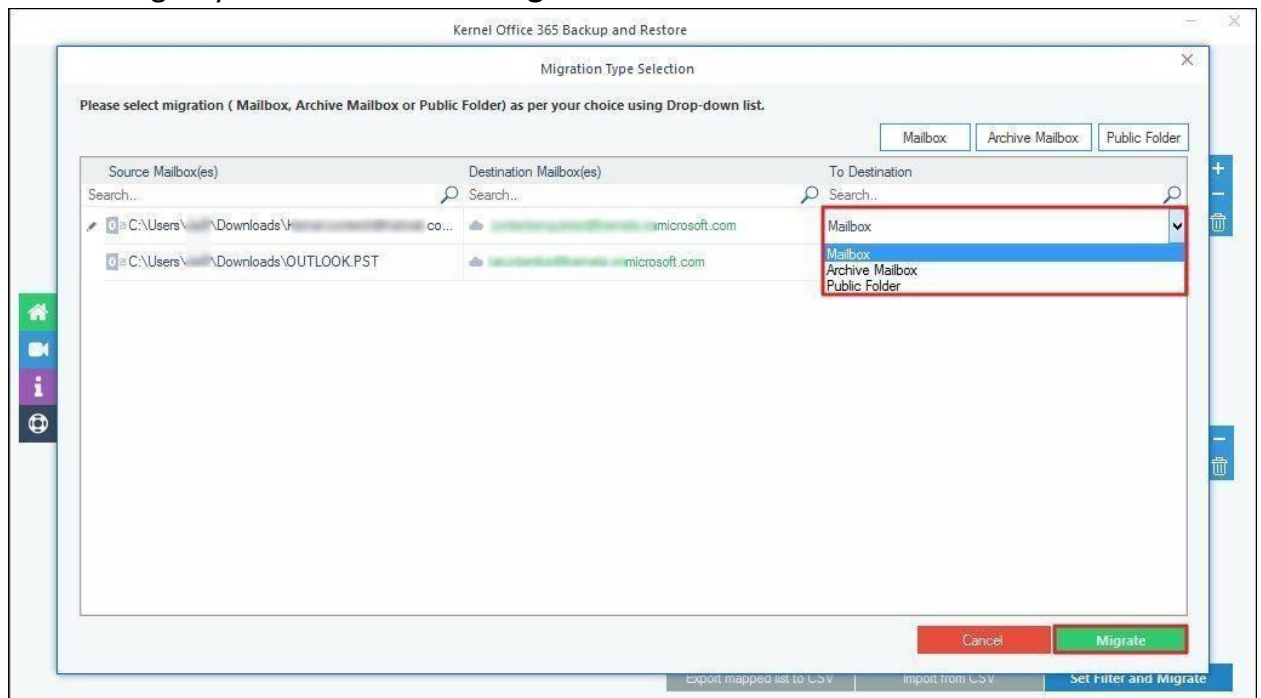
6. Your application ID is now available in the Overview section. Copy it to a safe location.

Step 2: Grant Required Permissions

**Step 9:** Select your **Destination Account** and click **Set Filter and Migrate**.

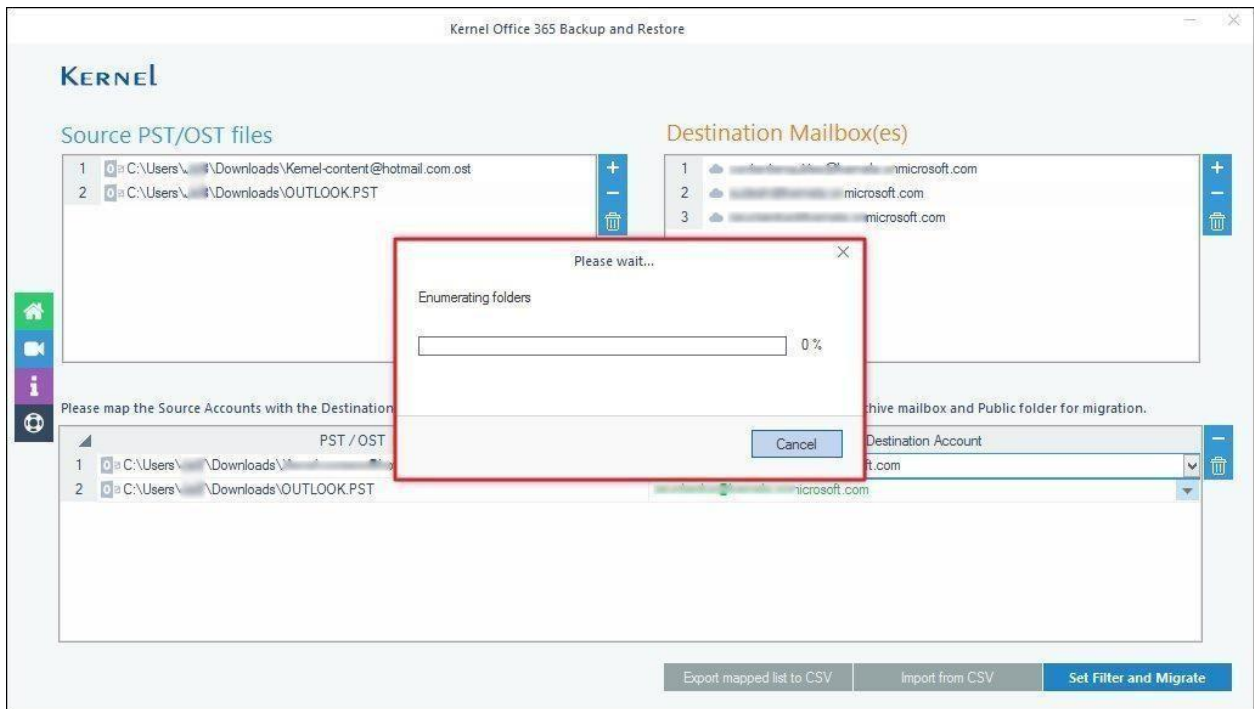


**Step 10:** In **Migration Type Selection** page, select **Mailbox**, **Archive Mailbox**, and **Public Folder** according to your need. Click on **Migrate**.



**Step 11:** The software will start **Enumerating folders** from the selected PST files.





**Step 12:** In the Filter Selection section, select the filtering options as required:

- **Review PST Folders to Migrate:** Select the folders to migrate.
- **Date Filter:** Provide a date range to filter items.
- **Item Type Filter:** Select Email, Journal, Task, Contacts, and Calendar/Appointment accordingly.
- **Exclude Deleted folder:** Select to skip deleted items folder from the migration.
- **Exclude empty folders:** Exclude empty folders from the migration.
- **Select if you want to save all data hierarchy into a separate folder:** Provide a folder name (to save the data with hierarchy inside a mailbox folder).
- **Set Operation Timeout for larger emails while uploading/downloading:** Select an upper time limit for migration (the migration will be rejected if it exceeds this time limit).
- **Skip Previously Migrated Items (Incremental):** Check the box to exclude the already imported data.
- **Select if migrating to Office 365 Group:** Select the checkbox if you are moving PST to the Office 365 group.

Finally click **I am OK, Start Migration**.

Filter Selection

Review PST Folders to Migrate

Folder Path

Item Count

Search..

Search..

4 PST File(s): C:\Users\... \Downloads\... .ost

☒ Root - Public

0

☒ EFORMS REGISTRY

0

☒ EFORMS REGISTRY\Organization Forms

0

☒ Root - Mailbox

0

☒ Root - Mailbox\Common Views

0

☒ Root - Mailbox\Finder

0

☒ Root - Mailbox\Shortcuts

0

☒ Root - Mailbox\Views

0

☒ Deleted Items

5

☒ Date Filter

From: 8/23/2024

To: 8/23/2024

☒ Item Type Filter

☒ Email

☒ Journal

☒ Task

☒ Contacts

☒ Calendar/Appointment

☒ Exclude Deleted folder

☒ Exclude empty folders

☒ Select if you want to save all data hierarchy into a separate folder

Jai

☐ Same as source file name

Set operation timeout for larger emails while uploading/downloading

20 Min

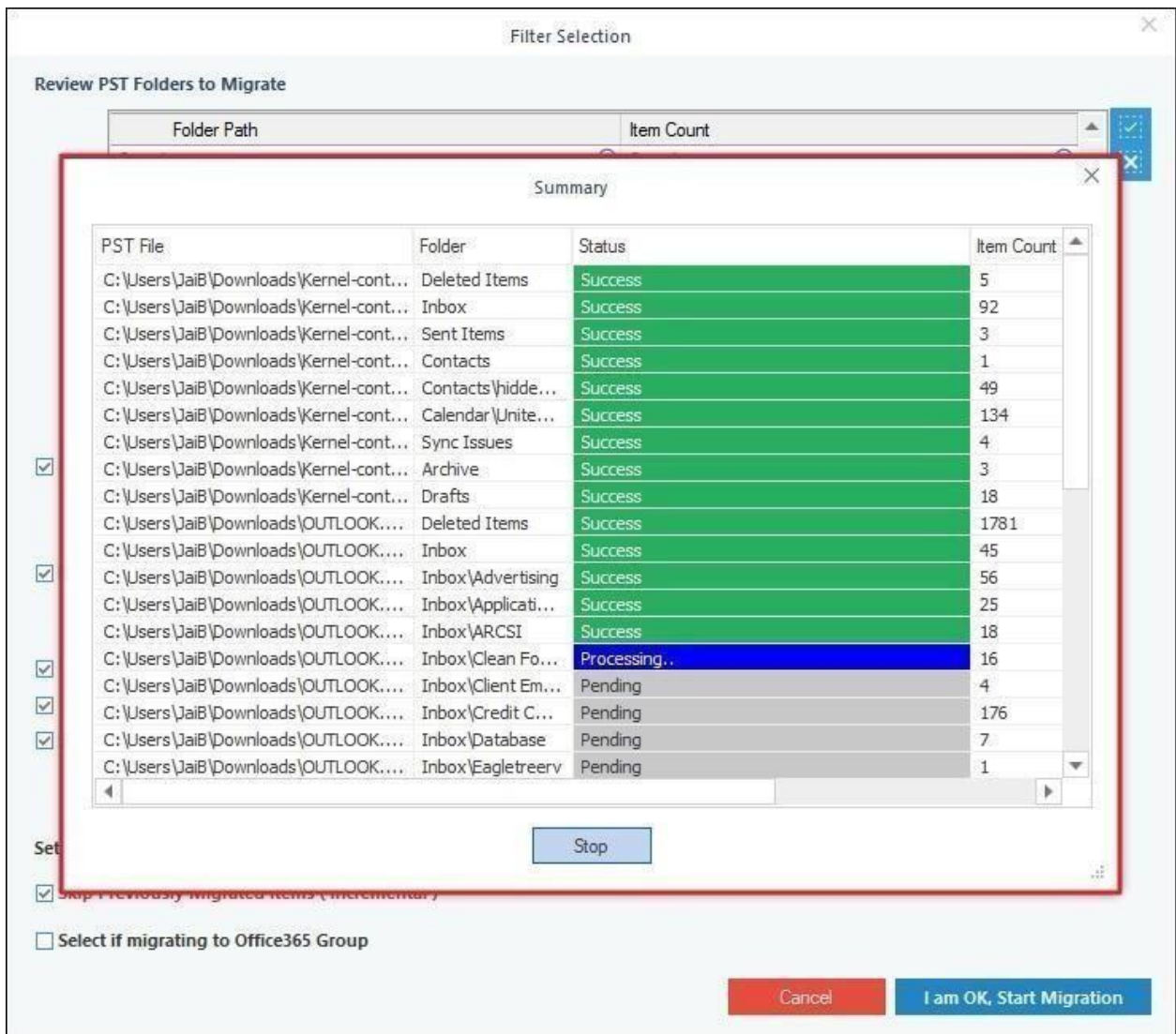
☒ Skip Previously Migrated Items ( Incremental )

☐ Select if migrating to Office365 Group

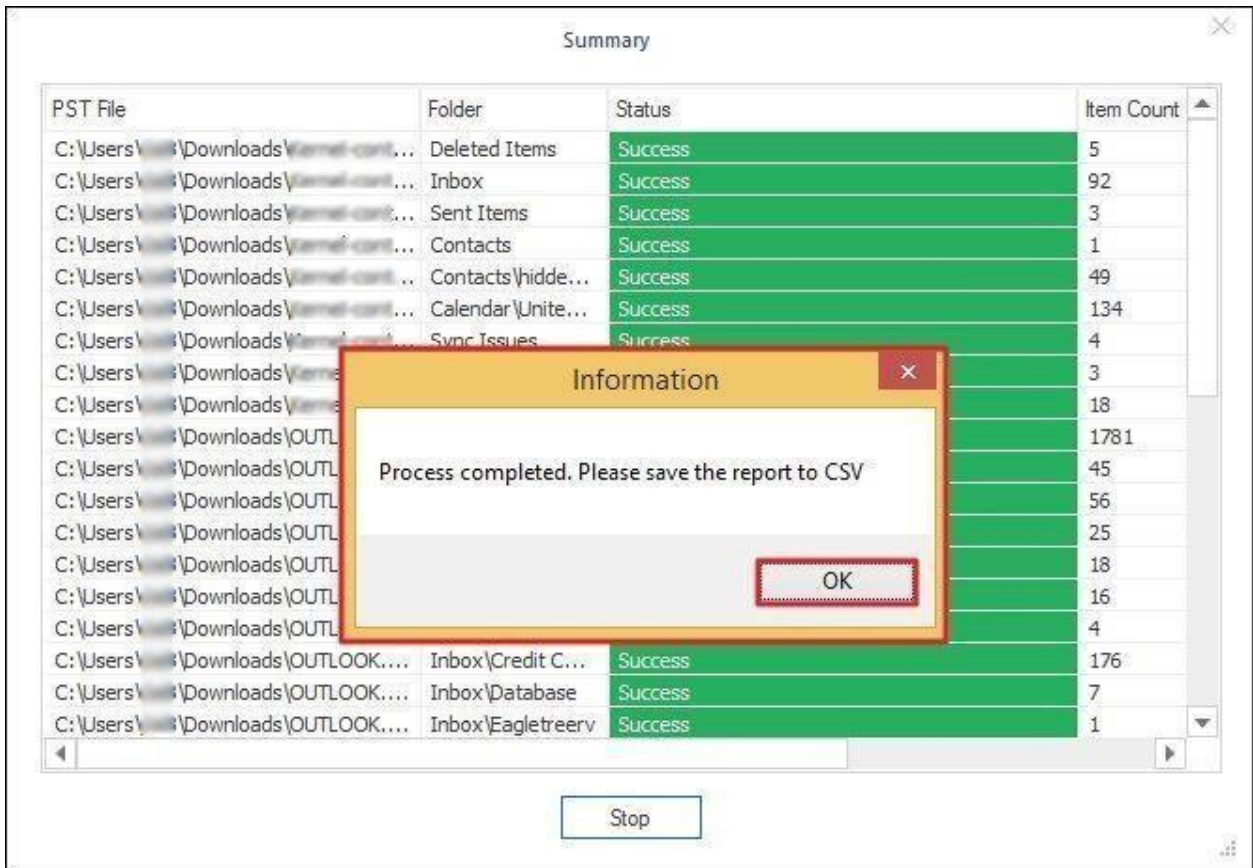
Cancel

I am OK, Start Migration

**Step 13:** The software will show the live migration process.



**Step 14:** Once the restore process is completed, the software will show **Process completed**. Please save the report to CSV and click on **OK**.



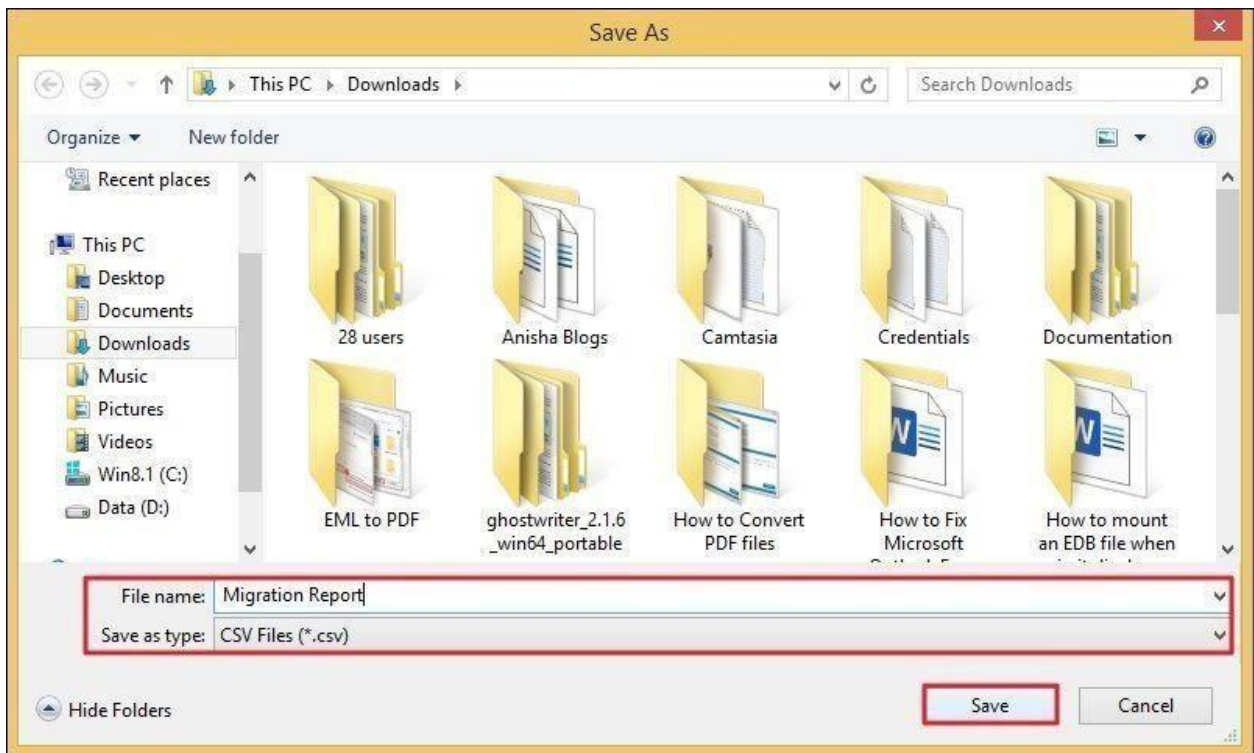
**Step 15:** To download a detailed migration report, click **Save report to CSV**.



PST File	Folder	Status	Item Count
C:\Users\...\Downloads\kernel-cont...	Deleted Items	Success	5
C:\Users\...\Downloads\kernel-cont...	Inbox	Success	92
C:\Users\...\Downloads\kernel-cont...	Sent Items	Success	3
C:\Users\...\Downloads\kernel-cont...	Contacts	Success	1
C:\Users\...\Downloads\kernel-cont...	Contacts\hidde...	Success	49
C:\Users\...\Downloads\kernel-cont...	Calendar\Unite...	Success	134
C:\Users\...\Downloads\kernel-cont...	Sync Issues	Success	4
C:\Users\...\Downloads\kernel-cont...	Archive	Success	3
C:\Users\...\Downloads\kernel-cont...	Drafts	Success	18
C:\Users\...\Downloads\OUTLOOK...	Deleted Items	Success	1781
C:\Users\...\Downloads\OUTLOOK...	Inbox	Success	45
C:\Users\...\Downloads\OUTLOOK...	Inbox\Advertising	Success	56
C:\Users\...\Downloads\OUTLOOK...	Inbox\Applicati...	Success	25
C:\Users\...\Downloads\OUTLOOK...	Inbox\ARCSI	Success	18
C:\Users\...\Downloads\OUTLOOK...	Inbox\Clean Fo...	Success	16
C:\Users\...\Downloads\OUTLOOK...	Inbox\Client Em...	Success	4
C:\Users\...\Downloads\OUTLOOK...	Inbox\Credit C...	Success	176
C:\Users\...\Downloads\OUTLOOK...	Inbox\Database	Success	7
C:\Users\...\Downloads\OUTLOOK...	Inbox\Eagletreerv	Success	1

Ok Save report to CSV

**Step 16:** The software will pop up a **Save As** prompt, select preferred location, enter the file name, and click **Save**.



**Step 17:** Finally, click on **OK** to close the migration process.

## Summary

PST File	Folder	Status	Item Count
C:\Users\... \Downloads\Kernel-cont...	Deleted Items	Success	5
C:\Users\... \Downloads\Kernel-cont...	Inbox	Success	92
C:\Users\... \Downloads\Kernel-cont...	Sent Items	Success	3
C:\Users\... \Downloads\Kernel-cont...	Contacts	Success	1
C:\Users\... \Downloads\Kernel-cont...	Contacts\hidde...	Success	49
C:\Users\... \Downloads\Kernel-cont...	Calendar\Unite...	Success	134
C:\Users\... \Downloads\Kernel-cont...	Sync Issues	Success	4
C:\Users\... \Downloads\Kernel-cont...	Archive	Success	3
C:\Users\... \Downloads\Kernel-cont...	Drafts	Success	18
C:\Users\... \Downloads\OUTLOOK....	Deleted Items	Success	1781
C:\Users\... \Downloads\OUTLOOK....	Inbox	Success	45
C:\Users\... \Downloads\OUTLOOK....	Inbox\Advertising	Success	56
C:\Users\... \Downloads\OUTLOOK....	Inbox\Applicati...	Success	25
C:\Users\... \Downloads\OUTLOOK....	Inbox\ARCSI	Success	18
C:\Users\... \Downloads\OUTLOOK....	Inbox\Clean Fo...	Success	16
C:\Users\... \Downloads\OUTLOOK....	Inbox\Client Em...	Success	4
C:\Users\... \Downloads\OUTLOOK....	Inbox\Credit C...	Success	176
C:\Users\... \Downloads\OUTLOOK....	Inbox\Database	Success	7
C:\Users\... \Downloads\OUTLOOK....	Inbox\Eagletreerv	Success	1

Ok

 Save report to CSV