

## How to migrate mailbox from Office 365 to On-Premises Exchange Server 2019

In this post, I will show you the steps to migrate mailbox from Office 365 to Exchange Server that is on-premises. I am doing this to avoid monthly Office 365 subscription charge of \$16 per user.

<https://docs.microsoft.com/en-us/exchange/hybrid-deployment/move-mailboxes>

Run this command to find database info:

```
[PS] C:\Windows\system32>Get-MailboxDatabase
Name
----
DB01
Server
-----
EX2019
Recovery
-----
False
ReplicationType
-----
None

[PS] C:\Windows\system32>Get-MailboxDatabase -Identity db01 -Status | Format-List
RunspaceId                : 29746f0d-8f96-44f3-9306-eb1036c25cdb
JournalRecipient          :
MailboxRetention           : 30.00:00:00
```

I have logged into Office 365 within EAC.

The screenshot shows the Exchange Admin Center (EAC) interface. The top navigation bar includes "Enterprise" and "Office 365". The main heading is "Exchange admin center". A sidebar on the left lists navigation options: dashboard, recipients (highlighted), permissions, compliance management, and organization. The main content area shows "mailboxes groups resources contacts shared migration" with a "migration" link highlighted by a black arrow. Below this is a blue banner: "We have a simple wizard-based migration experience in the new Exchange". A link "Click to view the status for all current migration batches. Status for all batches" is present. A dropdown menu is open, showing "Migrate to Exchange Online" and "Migrate from Exchange Online" (highlighted with a black arrow). Below the menu is a table of mailboxes:

DISPLAY NAME	EMAIL ADDRESS
Lan Ram	lanram@ramlan.mail.onmicrosoft.com
Noor	noor@ramlan.ca

At the bottom, it says "1 selected of 2 total". Below the table is an "add ->" button and a text input field containing "Noor[remove];". At the very bottom are "OK" and "Cancel" buttons.

## new migration batch

### Select the users

You can either use a CSV file to specify the users you'd like to move, or you can select mailboxes individually. [Learn more](#)

Select the users that you want to move

+ -

DISPLAY NAME	EMAIL ADDRESS
Noor	noor@ramlan.ca

The selected users that you want to move.

Specify the users with a CSV file

Allow unknown columns in the CSV file

1 mailboxes to migrate

Next

Cancel

## new migration batch

### Confirm the migration endpoint

The connection settings for this migration batch have been automatically selected based on the migration endpoints created in your organization. [Learn more](#)

Remote MRS proxy server:

The FQDN of the Exchange server that the Mailbox Replication Service (MRS) Proxy is on.

Back

Next

Cancel

## new migration batch

### Move configuration

These configuration settings will be applied to the new batch. [Learn more](#)

\*New migration batch name:

Test Migration From O365 ✕

\*Target delivery domain:

ramlan.ca ▼

Select a name to use for this batch.

Archive:

- Move the primary mailbox and the archive mailbox if one exists
- Move primary mailbox only, without moving archive mailbox
- This option is only valid for mailboxes on Exchange 2010 and above.*

\*Target database:

Enter the database name you'd like to move this mailbox to:

DB01 ▶

Target archive database:

Enter the database name you'd like to move the archive mailbox to:

[More options...](#)

Back

Next

Cancel

## new migration batch

### Start the batch

A new migration batch will be created after you click new. The batch will be queued and processed within a few hours. [Learn more](#)

\*After the batch is complete, a report will be sent to the following recipients. You must select at least one recipient to receive this report.

Ram ✕ Browse...

Please select the preferred option to start the batch:

- Manually start the batch later (by selecting it in the migration dashboard and then clicking Start)
- Automatically start the batch
- Start the batch automatically after time:

Wed 2020-08-26 ▼ 10:30 AM ▼

Start the migration of users within the batch at a particular time.

Please select the preferred option to complete the batch:

- Manually complete the batch (by clicking the "Complete this migration batch" link on the right pane after the link becomes active)
- Automatically complete the migration batch ▶
- Complete the batch automatically after time:

Wed 2020-08-26 ▼ 10:30 AM ▼

Back

new

Cancel

# information

Saving completed successfully.

OK

mailboxes groups resources contacts shared **migration**

We have a simple wizard-based migration experience in the new Exchange admin portal. You can try to preview the experier

Click to view the status for all current migration batches. [Status for all batches](#)



NAME	STATUS	TOTAL	SYNCED	FINALIZED	FAILED
Test Migration From O365	Syncing	1	0	0	0

## Test Migration From O365

Type: Exchange remote move  
Direction: Offboarding  
Status: Syncing

### Mailbox status

Synced mailboxes: 0 of 1  
Finalized mailboxes: 0 of 1  
Failed mailboxes: 0

[View details](#)

### Statistics

Created by:  
Create time: 2020-08-26 2:58:08 PM  
Start time: 2020-08-26 2:58:08 PM  
Complete after: 9999-12-31 11:59:59 PM  
Last synced time:

### Associated endpoint

Hybrid Migration Endpoint - EWS (Default Web Site) | [View details](#)

test



IDENTITY	STATUS	ITEMS SYNCED	ITEMS SKIPPED	
noor@ramlan.ca	Completed	656	0	<p>Status: Completed Data consistency score: Perfect <a href="#">Skipped item details</a></p> <p>User status Data migrated: 7.082 MB (7,426,042 bytes) Migration rate: 0 B (0 bytes) Last successful sync date: 2020-08-26 4:25:55 PM Report: <a href="#">Download the report for this user</a></p>

We have a simple wizard-based migration experience in the new Exchange admin portal. You can try to preview the experience for C

Click to view the status for all current migration batches. [Status for all batches](#)



NAME	STATUS	TOTAL	SYNCED	FINALIZED	FAILED
test	Completed	1	0	1	0

### Mailbox Before

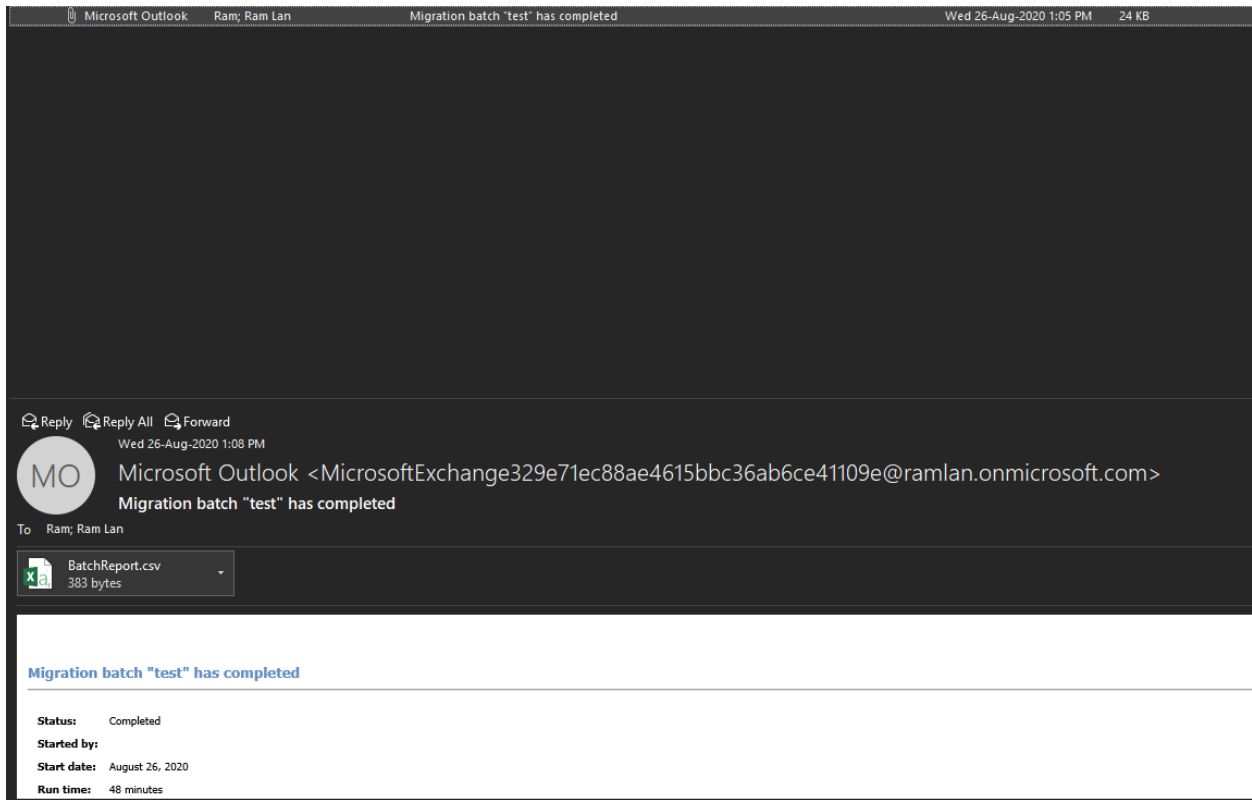


DISPLAY NAME	MAILBOX TYPE	EMAIL ADDRESS
[Redacted]	[Redacted]	[Redacted]
Noor	Office 365	noor@ramlan.ca
[Redacted]	[Redacted]	[Redacted]

### Mailbox After



DISPLAY NAME	MAILBOX TYPE	EMAIL ADDRESS	DATABASE
[Redacted]	[Redacted]	[Redacted]	[Redacted]
Noor	User	noor@ramlan.ca	DB01
[Redacted]	[Redacted]	[Redacted]	[Redacted]

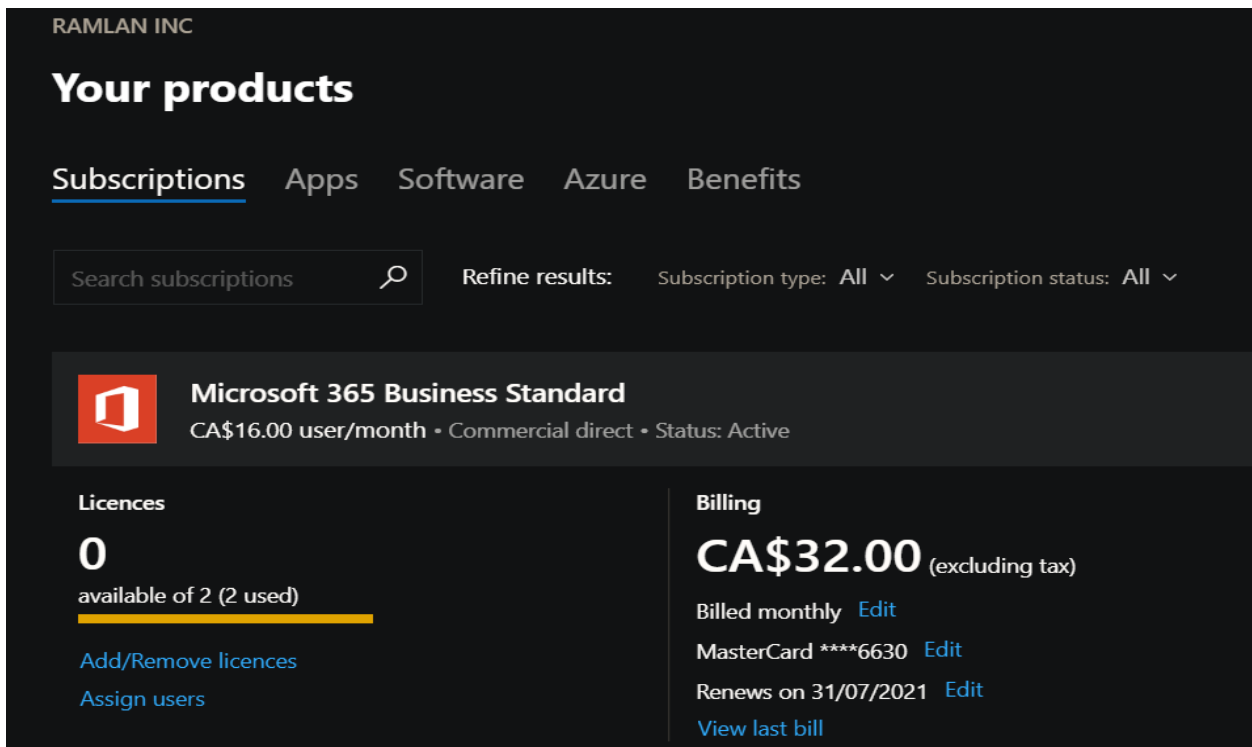


This concludes mailbox migration from O365 to On-Premises Exchange Server.

Thanks

**Ram Lan**  
**26<sup>th</sup> Aug 2020**

Now, I can release Office 365 license and save \$16. Logged into Office 365 Admin Center Portal.



# Add/Remove licences


## Current

Total licences 2  
Monthly cost CA\$32.00

## New

Total licences

New monthly cost CA\$16.00

 You have 2 users assigned licences. Go to [Active users](#) to unassign user licences.

Your licence total will be updated after you press submit. Microsoft will bill you now for the first term, and at the frequency stated thereafter, unless you cancel the subscription first. You can cancel in [Manage Products & services](#).

Cancel

Submit change

Microsoft 365 admin center

RAMLAN INC

[Back to Licenses](#)



## Microsoft 365 Business Standard

Licenses

**0** available

2 assigned of 2 total

[Manage purchases](#)

Users

Manage and view licenses and apps for your users. Manage group-based licenses in the [Azure portal](#).

 [Manage apps & services](#)  [Unassign licenses](#)  [Refresh](#)



Name

Email

Lan Ram



lanram@RAMLAN.CA



Noor




noor@RAMLAN.CA

# Add/Remove licences

## Current

Total licences 2  
Monthly cost CA\$32.00

## New

Total licences    
New monthly cost CA\$16.00

Your licence total will be updated after you press submit. Microsoft will bill you now for the first term, and at the frequency stated thereafter, unless you cancel the subscription first. You can cancel in [Manage Products & services](#).

Cancel



Submit change



CONFIRMATION You have successfully changed your licence quantity.

# Add/Remove licences

## Current

Total licences 1  
Monthly cost CA\$16.00

## New

Total licences   
New monthly cost CA\$16.00

Your licence total will be updated after you press submit. Microsoft will bill you now for the first term, and at the frequency stated thereafter, unless you cancel the subscription first. You can cancel in [Manage Products & services](#).

Cancel

Submit change