Summary

This article guides how to migrate Exchange mailboxes from Exchange servers in one forest to Exchange servers in other forest (i.e. Cross Forest Migration)

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Applies to

This article applies to MachPanel Build v6.4.22 and above.

Pre-requisites

- 1. Enable MRS proxy.
- 2. Auto-discovery should be in place.
- 3. Valid SSL certificate should be in place on both Exchange Platforms.

Important:

1. This guide will assist in migrating the mailbox items (emails, folders and etc.) only

It doesn't replicate the mailbox settings such as group membership, calendar permissions and etc.

- To replicate the mailbox configuration settings a separate desktop utility is created to collect and compile the configuration/settings data of the selected mailboxes, distribution lists and mail contacts in data files in JSON format on source exchange server. Follow this <u>article</u> to run this utility separately and to create these files.
- 3. Once done these files can be imported in control panel as explained in <u>Post</u> <u>Migration steps</u>.

1. Migrating Mailbox(es) in Exchange

Control Panel provides Cross forest Migration i.e. providers can migrate Exchange mailboxes from Exchange servers in one forest to Exchange servers in other forest.

- To Migrate Mailboxes, navigate to Home > Service Director > Exchange Hosting > Mailbox Migration.
- There are four tabs named as Stats, Endpoints, Batches, and Mailbox Migration.
 - Stats

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Under Stats tab, stats of Batches and Mailboxes are shown:



Endpoints

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Under Endpoints tab, Click to Add newEndpoints.

₫	Home > Service Director > Exchange Hosting > Mailbox Migration									
	Stats	Endpoints	Batches	Mailbox Migration						
c	Operation	s								
	Add new	Endpoint								

Specify Endpoint name, select Domain, specify Source mailbox email address, specify Source Admin Username and password.

Clicking **Verify Endpoints details** will show success message as shown below

Endpoint details	
* Endpoint name:	
* Select Domain:	onenet exchange [onenetex.co.nz]
* Source mailbox email address:	
* Source admin login in windows logon format (domain\username):	
* Source admin password:	
	Verify Endpoint details
Max concurrent migrations:	100
Max concurrent incremental sync:	10
	Save Cancel

Specify Max concurrent migrations and Max concurrent incremental sync and click Save.

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	Batches

Important Note: Exchange service should not enabled on *Targeted AD User (s)*. For **AD users** you need to specify the Mailbox GUID for cross forest migration under optional settings of Ad Users. Only those users will be visible on which GUIDs of source mailboxes are set under users and **Proxy address (es)** should be set (match email address of source mailbox). GUID can be set on AD User(s)

To add/edit an AD user navigate to the following path: *Home »* Service Director » Active Directory » Users. Expand Optional Settings by clicking on (+) sign.

Also, AD User(s) can be created either one by one, via bulk AD User creation (Using <u>MachPanel AD module</u>) or via <u>ADSync</u>.

Specify **Bad** and **Large** Item limits, email address (es) can be specified if you want to be notified.

Mode of syncing (Auto or Manual can be configured via checkbox), click **Save**.

Batch Details	
* Select Enpoint:	Nothing selected
Target Organization:	
Domain:	
* Batch name:	
* Select User(s):	
Type and press enter to search	
Selectable	Selected *
	31 1c 5 c
Bad items limit:	0
Large items limit:	0
Send report on Batch complete to:	
	Comma separated email addresses
Auto start batch instantly:	
	Save Cancel

Logs are shown like this

Search in menu	Home > Service Director > Exchange Hosting > Mailbox Migration	
Exchange Hosting		
Server Groups	Stats Endpoints Batches Mailbox Migration	
Accounts		
Products	Operations Log details	
Group Actions	»» Preparing users for malibox move job.	^
Exchange Databases	»» Setting user properties for mailbox migration.	
Public Folder Mailbox	** User , is already mail enabled and ready for migration. ** Setting user' properties for mail box migration.	
Mailbox Templates	>>> User ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	
Mailbox Manager	** Setting user 'properties for mainbox migration. ** Setting user 'is already mail enabled and ready for migration.	
Mailbox Migration	»» Setting user' 'properties for mailbox migration.	
SPAM Filters	** User' ' 's mail enabled successfully for migration. ** Setting user '' properties for mailbox migration.	
PST Exports/Imports	>> User'is already mail enabled and ready for migration.	
SharePoint Hosting	*** User ' ' ' ' ' ' ' ' is already mail enabled and ready for migration.	
II Wireless Services	>> Setting user ' properties for mailbox migration.	
	>>> Setting user' 'properties for mailbox migration.	
- CRM Hosting	* w Setting user '' is already mail enabled and ready for migration. ** Setting user '' properties for mailbox micration	
	»» User '	
control (resp	>> Setting user '' properties for mailbox migration.	
	»» Creating migration batch for 10 users.	~
	Migration batek exceed successfully Batek/FriendlyBatekhame	-
		lose

On closing the logs, All the Batches are shown listed like this.

Search in menu *	Home > Service Director > Exchange H	Hosting > Mailbox M	igration					
🖾 Exchange Hosting 🛛 🗕		5						
Server Groups	Stats Endpoints Batches	s Mailbox Mi	gration					
Accounts		_						
Products	Operations							
Group Actions	Add ann Batak							
Exchange Databases	Add new Batch							
Public Folder Mailbox	Search							_
Mailbox Templates								
Mailbox Manager	Batch name	Endpoint name		Domain		Select Serve	f	•
Mailbox Migration	All							
SPAM Filters								
PST Exports/Imports	Search							
SharePoint Hosting +								
👪 Wireless Services 🛛 +	Rateb	Dotail						Operation
CRM Hosting +	Daich	Detail						s
		Endpoint:	Endpoint		Organization:	Ε	.com]	
Online Help		Status:	Completed		Total:	16		_
		Syncing:	0		Pending:	0		=
		Failed:	0		Synced:	16		
		Endpoint:			Organization:	Ð	mì	
		Status:	Completed		Total:	2		
		Syncing:	0		Pending:	0		=
		Failed:	0		Synced:	2		
		Endpoint:	L		Organization:	E	:om]	
		Status:	CompletedWithErrors		Total:	2		_
		Syncing:	0		Pending:	0		_
		Failed:	2		Synced:	0		
		Endpoint:			Organization:	E TO THE ST	i om)	
			Lingson					
	FriendlyBatchName	Status:	waiting		Total:	0		=
		Failed:	0		Synced:	0		
		- altour	÷		0,1000.			

- Select Endpoint: Select Endpoint from the dropdown list.
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Target Organization: For target organization provide following:

- ^o **Domain:** Select domain
- ^o **Batch name:** Provide batch name.
- ^o **Select User(s)**: Select users from Selectable to Selected
- ^o **Bad items limit:** Provide bad items limit.
- ^o Large items limit: Provide large items limit.
- Send report on Batch complete to: Comma separated email addresses

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Auto start batch instantly: Check box											
Click Save when done.											
St	ats Endpoints Batches	Mailbox	Migration								
Oper	rations										
Ad	d new Batch										
0	Individually										
0	Bulk import via	.csv									
0	Using ADSync	(ADS	Sync syncs GUIDs as	well)							
0	Mailbox GUID 1	or mi	gration								
0	Mailbox Archive	e Gui	d								
0	Mailbox Archive	e Nar	ne								
0	Mailbox Recipi	ent T	ype Details								
0	Mailbox Culture	¢									
0	Proxy Address	es									
	Search in menu	-	Web Page:								
	Active Directory	-	Description:								
	Organizations		Description.								
	Users		Mailbox GUID for migration:								
	Products										
	ADSync Usage Report		Mailbox Archive Guid:								
	Usage Report		Mailbox Archive Name:								
	Tata Centers	+	Mailbox Recipient Type Details:	User mailbox 🗸							
	Web Hosting	+	Mailbox Culture:	Albanian [so-Al]							
	🔇 DNS Manager	+	Manbox Galure.								

Proxy Addresses:

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🔀 Exchange Hosting

SharePoint Hosting

👪 Wireless Services

Mailbox Migration

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Under Mailbox Migration, Mailbox wise migration status can be viewed.

Search in menu		E Home > Service Director	> Exchange Hosting > Mail	box Migration								
Exchange Hosting	-											
Server Groups		Stats Endpoints	Batches Mailbo	x Migration								
Accounts												
Products		Search						-				
Group Actions		Ornanization		Domain		Batch						
Exchange Databases		Organization					Batch					
Public Folder Mailbox		User				-AII		-				
Mailbox Templates												
Mailbox Manager		Search Clear										
Mailbox Migration												
SPAM Filters		Batch			Mailbox							
PST Exports/Imports												
SharePoint Hosting	+				Mailbox:		Status:	Completed				
U Wireless Services	+	Second Batch			Completed:	100%	Bytes Transferred:	10.43 MB (10,936,193 hutes)				
RM Hosting	+				Synced:	1522 / 187	Skipped:	2				
19					Summary:							
лине нер												
					Mailbox:		Status:	Completed				
		Second Batch			Completed:	100%	Bytes Transferred:	3.964 MB (4,158,848 bytes)				
					Synced:	R677 188	Skipped:	2				
					summary:							
					Malbox:		Status:	Completed				
		Second Batch			Completed:	100%	Bytes Transferred:	7.95 MB (8,338,062 bytes)				
					Synced: Summary:	1456 / 179	Skipped:	2				

Note: On all above interfaces records can be searched/filtered based on supported criteria

2. Use Desktop Utility

As you already have run special Exchange Migration Utility (if not, do it now, please follow the <u>article</u>) and as a results you have these files to update recipients (mailboxes, distribution lists and contacts)' settings

· -> • 1	→ → ↑ 📜 > This PC > Local Disk (C) > Program Files > MachSol > Exchange Migration Utility						
		^	Name	Date modified	Туре	Size	
🖈 Quick acce	ess			8/22/2021 10:20 044	ICON File	6 KD	
Desktop	,	r	ConfigurationSettings.json	8/23/2021 10:20 PM	JSON File	6 KB	
Develop			mailboxes .co	om.dat 8/23/2021 10:32 PM	DAT File	539 KB	
Downioa	ids)		distlists	dat 8/23/2021 10:21 PM	DAT File	7 KB	
Docume	nts 🤉	r	Contactsl.com	n.dat 8/23/2021 10:21 PM	DAT File	2 KB	
Pictures	,	r 👘	Newtonsoft.Json.dll	9/30/2019 10:49 PM	Application extens	514 KB	
Auth			MachSol.MachPanel.Utility.dll	2/26/2021 3:32 AM	Application extens	190 KB	
📕 etc			MachSol.MachPanel.RemoteServ	er.dll 2/26/2021 3:32 AM	Application extens	3,233 KB	
logs			MachSol.MachPanel.DataModels	dll 2/26/2021 3:32 AM	Application extens	167 KB	
System 3	2		ExchangeMigrationUtility	2/28/2021 10:41 PM	Application	63 KB	

3. Post Migration Steps

- Login to Target Exchange Server.
- Navigate to Home » Service Director » Exchange Hosting » Accounts.
- Click to Manage the migrated subscription, select General settings tab and Click Update recipients settings button or Update recipients settings Tab.

Search in menu	*	E Home > Service Director > Exchange Hosting > Exchange Accounts > Manage Service Set as Home Page				
Exchange Hosting	-					
Server Groups		Manage				
Accounts		Canaral Sattinge Mail Domains MailBoyae Mail Contacts Distribution List Dublic Folders Disclaimer				
Products		General Setungs Mail Domains Maildoxes Mail Contacts Distribution List Public Poders Disclamen				
Group Actions	_	Group Actions Compliance Management SPAM Filters Mobile device mailbox policy Application Impersonation				
Exchange Databases	C	Calendar Permissions Update recipient settings Mailbox Templates				
Public Folder Mailbox						
Mailbox Templates		Operations				
Mailbox Manager		Enable Migration Expert Mailtery Damissions Suce data from backand Expert Mailtery Forwarding Uterlate seriol and settings				
Mailbox Migration		спростидиски с спростивност с ниверски с спростивности с спростивности с спростивности с спростивности с спрост				

Now you will select the files for Mailboxes, Distribution Lists and Contacts

Search in menu	Home > Service Director > Exchange Hosting > Exchange Accounts > Manage Service Set as Home > Service Set as Home Plage							
Exchange Hosting								
Server Groups	Manage -							
Accounts	General Settingen Meil Domainen Meil Domainen Meil Contacte Distribution List Dublic Endorre Disclaimer Group Actioner							
Products	 Deneral settings mail bomains mailiboxes mail contacts Distribution List Public Pobers Discamet Group Actions 							
Group Actions	Compliance Management SPAM Filters Mobile device mailbox policy Application Impersonation Calendar Permissions							
Exchange Databases	Update recipient settings Mailbox Templates							
Public Folder Mailbox								
Mailbox Templates	Import settings							
Mailbox Manager	Select mailboxes data file: Saluct file							
Mailbox Migration								
SPAM Filters	Select distribution lists data file: Select Ife							
PST Exports/Imports								
🖶 CRM Hesting	Select mail contacts data file: Salact file							
Skype4B Hosting								
₩ Voice	Auto create new recipient when not found:							
P Hasted Voice	Save Cancel							
(F)								

Once selected you will see these like this



In case of any mismatch you can check the checkbox to create recipient which are not found in Target Organization. Click Save.

Search in menu	•	Group Actio	ons .				
🎢 Home		Search					
L Customer Manager	+	Operations	5				
S Billing Manager	+						
D Help Desk	+	Reset The	clear complete@Cancelleu voos				
€ Service Director	-	Status	Command				
🛠 General	+						
Active Directory	+		Import Distribution List Softings (EvolutionTast)				
Data Centers	+	Pending	import distribution List detungs [Exclimitgration rest]				
🔇 Web Hosting	+						
O DNS Manager	+	Pending	Import Mail Contact Settings [ExchMigrationTest]				
🖾 Exchange Hosting	-						
Server Groups							
Accounts		Pending	Import Mailbox Settings [ExchMigrationTest]				
Products							

Jobs will be added which can be tracked in Group Jobs

When these jobs are successful, recipients setting are updated.

MachPanel Knowledgebase

https://kb.machsol.com/Knowledgebase/55651/Migrate-Exchange-mailboxes-from-...