Kernel Migrator for Exchange

Decommission Exchange Server 2007

Contents

1. Introduction	3
2. Steps for decommissioning Exchange Server 2007	3
3. Backup Exchange Server	3
4. Migrate User Mailboxes	4
5. Migrate Public Folders	4
6. Remove User Mailboxes	6
7. Disable Local Continuous Replication	8
8. Stop its Usage	10
9. Remove Public Folder Database	10
9.1 Force Removal of Public Folder Database	14
10. Remove User Mailbox Database	15
11. Remove Storage Group	16
12. Move Offline Address Book (OAB)	17
13. Move Routing Group Connector	20
14. Remove Exchange Administrative Group	21
15. Uninstall Exchange Server 2007	22
15.1 Command to Uninstall Exchange Server 2007 Role	25
16. Support	26
17. Copyright	27
18. Warranty Disclaimers and Liability Limitations	27
19. Trademarks	27

1. Introduction

Before decommissioning Exchange Server 2007, please make sure that all mailboxes and their content have been moved to another Exchange Server. Please also ensure that backups have been created if you want to preserve the mailboxes and their content.

The administrator must disconnect all mailbox-enabled users from their respective Exchange mailboxes before starting the decommissioning process.

2. Steps for decommissioning Exchange Server 2007

The steps to decommission Exchange Server 2007 are listed below.

- 1. Backup Exchange Server along with its User Mailbox database(s) and Public Folder database(s)
- 2. Migrate user mailboxes with their complete properties and settings to another Exchange Server
- 3. Migrate Public Folders to another Exchange Server
- 4. Disable Local Continuous Replication of User Mailbox Database and Public Folder Database
- 5. Remove User Mailboxes
- 6. Stop the usage of Exchange Server 2007
- 7. Remove the Public Folder Database
 - a. Force removal of Public Folder Database
- 8. Remove the User Mailbox Database
- 9. Remove the Storage Groups
- 10. Remove or move the Offline Address Book (OAB)
- 11. Move Routing Group Connector to another Exchange Server
- 12. Remove Exchange Administrative Group, if no other Exchange Server is installed in the domain.
- 13. Uninstall Exchange Server 2007

These steps are explained in detail in this document.

3. Backup Exchange Server

Before migrating Public Folders decommissioning Exchange Server 2007, it is recommended to perform the following steps to backup Exchange Server along with its User Mailbox Database and Public Folder Database.



1. Go to "Start menu" → "All Programs" → "Accessories" → "System Tools", and click "Backup."

NOTE: If "Windows Server Backup" is not installed, then you have to install it from "Server Manager."

- 2. Click "Backup Once" to access its wizard.
- 3. Select "Different Options" and click "Next."
- 4. Select "Full Server" at "Select Backup Configuration" page and click "Next."
- 5. Select the destination at "Specify Destination Type" page. It is recommended to save the backup at a remote drive.
- 6. Click "Next" to proceed.
- 7. Provide the path of the remote drive, where you want to save the backup.
- 8. Click "Next." At "Confirmation" page, click "Backup" to start the backup.

It may take time depending upon the size of the backup and the connectivity to the drive where the backup is being stored.

4. Migrate User Mailboxes

Use native method or deploy a third-party tool to migrate the user mailboxes with their permissions, limits, and other properties to another Exchange Server.

5. Migrate Public Folders

If you want to migrate the Public Folders from Exchange Server 2007 to another Exchange in the same domain along with their permissions and properties, then you can use native method. It is recommended to take the backup of Public Folder Database before performing these steps to migrate the Public Folders.

NOTE: To move the Public Folders quickly using these steps, it is recommended to set the Replication Schedule as "Always Run" of all Public Folders at source Exchange Server 2007 before executing these commands. Perform the following steps.

- 1. Go to "Public Folder Management Console."
- 2. Double click a Public Folder to access its properties.
- 3. Switch to "Replication Tab."
- 4. Uncheck "Use public folder database replication schedule."
- 5. Select "Always Run" instead of a customized replication schedule.
- 6. Click "Apply" and "OK."
- 7. Repeat the steps 2 to 6 for each Public Folder.

You can perform the following steps to migrate the Public Folders in the same domain using the native method. In this test case, we have installed Exchange Server 2010 on another domain controller in the same domain.



You have to perform the following steps on the target Exchange Server 2010.

1. Go to "Start menu" → "All Programs" → "Microsoft Exchange Server 2010" and click "Exchange Management Shell."

If you are not logged in as the Administrator, then right click on "Exchange Management Shell" and click "Run as Administrator."

2. Execute the following command to go to the directory, which stores the scripts.

cd \$exscripts

 Execute the following command to add the replication of Exchange 2007 Public Folders in the Public Folder Database of Exchange Server 2010.

```
.\AddReplicaToPFRecursive.ps1 -TopPublicFolder "\" -ServerToAdd
<TARGET EXCHANGE 2010>
```

4. Execute the following command to add the replication of NON_IPMSUBTREE (System) Public Folders of Exchange 2007 at the Public Folder Database of Exchange Server 2010.

```
.\AddReplicaToPFRecursive.ps1 -TopPublicFolder "\NON_IPM_Subtree" -
ServerToAdd <TARGET EXCHANGE 2010>
```

 Now, execute the following command to move all Public Folders of Exchange 2007 to the Public Folder Database of Exchange Server 2010 by moving their replicas.

.\MoveAllReplicas.ps1 -Server Source Server -NewServer Target Server



Figure 1: Adding and Moving Public Folder Replication

The above command may take two-three minutes or more, depending on the size of Public Folders and their content. If the replication interval of the Public Folders is not set to "Always Run", then the migration may be completed on the next scheduled replication.

To verify the migration, you can create a profile in Microsoft Outlook of Exchange Server 2007. Once a profile is created, browse the Public Folders that has been moved. Outlook should show the error "Unable to display the folder."





Figure 2: Outlook is not able to access moved Public Folder

6. Remove User Mailboxes

The Administrator has to remove the user mailboxes in order to disconnect all mail-enabled users from Exchange Server. Perform the following steps to remove the user mailboxes from Exchange Server 2007.

- 1. Go to "Start Menu" \rightarrow "Microsoft Exchange Server 2007" \rightarrow "Exchange Management Console."
- 2. Once Exchange Server is initialized, go to "Recipient Configuration" \rightarrow "Mailbox" in the left panel. It shows the list of user mailboxes.



🔀 Exchange Management Console								
Eile Action View Help								
🗢 🔿 🞽 📊 🛛 🖬								
Microsoft Exchange	👫 Mailbox -	edit.com				12 ol	bjects	Actions
 	🌱 Create Filter							Mailbox 🔺
Client Access	Display N 🔺	Alias	Recipient Type Details	Primary SMTP Address	Server	Organizational Unit		🔱 Modify the Maxim
Hub Transport	Administrator	Administrator	User Mailbox	Administrator@edit.c	cmbox	edit.com/Users	·	🍕 Find
🖻 🚦 Server Configuration	AdminTest	admintest	User Mailbox	admintest@edit.com	cmbox	edit.com/Users	-	🚉 New Mailbox
ia Mailbox	TestAdmin	testadmin	User Mailbox	testadmin@edit.com	cmbox	edit.com/Users		📑 Export List
📑 Hub Transport	TestUser1	testuser1	User Mailbox	testuser1@edit.com	cmbo×	edit.com/Users		View 🕨
in Unified Messaging	TestUser2	testuser2	User Mailbox	testuser2@edit.com	cmbox	edit.com/Users		Q Refresh
Recipient Configuration	TestUser3	testuser3 testuser4	User Mailbox Liser Mailbox	testuser3@edit.com testuser4@edit.com	cmbox	edit.com/Users edit.com/Users		2 Help
🝇 Distribution Group	TestUser5	testuser5	User Mailbox	testuser5@edit.com	cmbox	edit.com/Users		i lop
I Mail Contact	TestUser6	testuser6	User Mailbox	testuser6@edit.com	cmbox	edit.com/Users		
	TestUser7	testuser7	User Mailbox User Mailbox	testuser7@edit.com	cmbox	edit.com/Users edit.com/Users		
	lescosero	testasero	User Mailbox	cestaser ogeait.com	CIIIDOX	edit.com/osers		
,	,							

Figure 3: List of User Mailboxes

3. Select all mailboxes and do a right click.

Display N 🔺	Alias	Recipient Type Details	Primary SMTP Address	Server	Organizational Unit
Administrator	Administrator		Administrator@edit.c	cmbox	edit.com/Users
Search AdminTest	Disable	lailbox	admintest@edit.com	cmbox	edit.com/Users
Sam 🖉	Remove	lailbox	santosh@edit.com	cmbox	edit.com/Users
TestAdmin	Move Mailbox	(lailbox	testadmin@edit.com	cmbox	edit.com/Users
TestUser1	Help	lailbox	testuser1@edit.com	cmbox	edit.com/Users
TestUser2	cescuser2	user Mailbox	testuser2@edit.com	cmbox	edit.com/Users
TestUser3	testuser3	User Mailbox	testuser3@edit.com	cmbox	edit.com/Users
TestUser4	testuser4	User Mailbox	testuser4@edit.com	cmbox	edit.com/Users
TestUser5	testuser5	User Mailbox	testuser5@edit.com	cmbox	edit.com/Users
TestUser6	testuser6	User Mailbox	testuser6@edit.com	cmbox	edit.com/Users
TestUser7	testuser7	User Mailbox	testuser7@edit.com	cmbox	edit.com/Users
TestUser8	testuser8	User Mailbox	testuser8@edit.com	cmbox	edit.com/Users

Figure 4: Right click on the user mailboxes

4. Click "Remove" option. The following warning message appears onscreen.

Microsoft	Exchange	×
	Removing the mailboxes will remove the Windows user objects and mark the mailboxes in the database for removal. Are you sure you want to remove these 12 mailboxes?	
	Yes <u>N</u> o]

Figure 5: Warning before removing the mailboxes

5. Click "Yes" to remove the mailboxes. You may receive the following error while removing "Administrator" mailbox using the above step.

Microsoft	t Exchange Error	×
$\mathbf{\overline{S}}$	Action 'Remove' could not be performed on object 'Administrator'.	
	🛺 Administrator 🔞 Failed	*
	Error: Active Directory operation failed on CMBOX.edit.com. This error is not retriab Additional information: Cannot perform this operation on built-in accounts. Active directory response: 00000558: SysErr: DSID-031A1202, problem 22 (Invalid argument), data 0 An unknown error occurred.	le.
Select (Ctrl+C to copy the contents of this dialog.	

Figure 6: Error message while deleting "Administrator" mailbox

- 6. Click "OK" to close the error message.
- 7. Go back to the list of mailboxes, select "Administrator" mailbox and press "DEL" or "SHIFT+DEL" keys on the keyboard. It purges the administrator's mailbox.

NOTE: If you have moved the Public Folders using above steps, then it is recommended not to

- stop the replication of Public Folders and Public Folder Database, and
- remove the Public Folders.

You can straightaway remove the Public Folder Database and move with other options to decommission Exchange Server.

7. Disable Local Continuous Replication

Local Continuous Replication is applied on the Storage Groups containing either Public Folder Database or User Mailbox Database. Perform the following steps to disable the local continuous replication for both User Mailbox Database and Public Folder Database.

- 1. In Exchange Management Console, expand the nodes, "Microsoft Exchange" \rightarrow "Server Configuration" \rightarrow "Mailbox" to access the mailboxes.
- 2. Right-click on the Storage Group, of which Local Continuous Replication, you want to stop.



🗆 💏 Ma	/StorageGroup	_	
	Move Storage Group Path	iles\Microsoft\Exchang	Mounted
	New Mailbox Database		
	New Public Folder Database		
	Disable Local Continuous Replication		
	Suspend Storage Group Copy		
	Restore Storage Group Copy		
	Update Storage Group Copy		
	Remove		
	Properties		
	Help		

Figure 7: Right-click on Storage Group

3. Click "Disable Local Continuous Replication" option. It displays the following warning message.

Microsoft	Exchange	\times
	Are you sure you want to disable local continuous replication for 'MyStorageGroup'? Note: This will disable the local continuous replication database copy for this storage group.	
	<u>Y</u> es <u>N</u> o]

Figure 8: Warning message to disable Local Continuous Replication

4. Click "Yes" to stop the replication. It shows the following message box confirming the successful completion.

Microsoft	Exchange Warning 🛛 🔀
	Local continuous replication for the storage group that you specified was disabled successfully but with some warnings below. Storage group: MyStorageGroup
	殆 MyStorageGroup 🕕 Completed 🕱 💻
	Warning: The storage group "NAME1\MyStorageGroup" has local continuous replication disabled. Please manually delete the copy's files located in "C:\Program Files\Microsoft\Exchange Server\Mailbox\LocalCopies\MyStorageGroup" and "C:\Program Files\Microsoft\Exchange Server\Mailbox\LocalCopies\MyStorageGroup\2007-UserMailbox.edb", if they exist.
	Warning: The storage group "NAME1\MyStorageGroup" has local continuous replication disabled. Please manually delete the copy's files located in "C:\Program Files\Microsoft\Exchange Server\Mailbox\MyStorageGroup", if they exist.
Select C	Ctrl+C to copy the contents of this dialog.

Figure 9: Disabled the Local Continuous Replication



- 5. Once Local Continuous Replication is disabled, you may remove the folders containing the replicated files, only if these are not required further. The path of these folders is displayed in the above message.
- 6. Click "OK" to close the dialog box and to complete the process.

8. Stop its Usage

You must shut down the Exchange Server 2007 to be decommissioned for at a minimum of two days and a maximum of two weeks. This will ensure that nothing is using this Exchange Server.

9. Remove Public Folder Database

Perform the following steps to remove the Public Folder Database.

1. In Exchange Management Console, in "Server Configuration" → "Mailbox", select the Public Folder Database and click "Remove." It shows the following warning message.

Microsoft	Exchange 🛛 🕅
	Are you sure you want to remove 'PFDatabase'?
	Yes No

Figure 10: Warning to remove Public Folder Database

2. Click "Yes" to remove the Public Folder Database.



NOTE: If you are getting the following error message while deleting a Public Folder Database, then it means SSL is enabled for ExAdmin virtual directory.

The requested operation is forbidden. ID no: c1030af1 Exchange System Manager

Perform the following steps to fix this error.

- a. Go to "Start menu" \rightarrow "Administrative Tools" \rightarrow "Internet Information Services (IIS) Manager."
- b. In the left panel, go to "<Exchange_Server>" → "Sites" → "Default Web Site" and click "Exadmin." It shows the properties of "Exadmin" in the Right Panel.



Figure 11: Exadmin in IIS Manager

c. Double-click "SSL Settings" to access its options. Here, SSL is enabled by default in Exchange Server 2007.

→ NAME1 → Sites	▶ Default Web Site ▶ Exadmin ▶	🖸 🖂 🙆 I 🕼
ile <u>V</u> iew <u>H</u> elp		
Annections Start Page NAMEI (NEW2007)Administrator Application Pools Sites Default Web Site Constraints Autodiscover Constraints Ews Ews Ews Ews Ews Exchange Exchange Constraints Exchange Constraints Constra	SSL Settings This page lets you modify the SSL settings for the content of a Web site or application. Reguire SSL Client certificates:	Actions Apply Cancel Phelp Online Help
	E Features View	
onfiguration: 'localhost' applicationHost.co	nfig , <location path="Default Web Site/Exadmin"></location>	

- f. Close IIS Manager.
- If you are getting the following error message, then it means the replicas of Public Folders still exist on Exchange Server. You have to either move all replicas for migrating Public Folders to another Exchange Server or remove all replicas. Please refer to <u>Section 5 Migrate Public Folders</u> to move all replicas.



Figure 13: Error while removing Public Folder Database



Once you have moved or removed the replicas, then you can try again to remove the Public Folder Database.

If you are still facing another issue in removing the database, then please refer to <u>Section 9.1 to remove</u> <u>Public Folder Database forcefully</u>.

4. If you are getting the following error message, please refer to <u>Section 9.1 to remove Public Folder Database</u> <u>forcefully</u>.

Mi	crosoft	: Exchange Error	×
8	$\mathbf{\overline{S}}$	The public folder database 'PFD atabase' cannot be deleted.	
	<u> </u>	🔁 PFDatabase 🔞 Failed 🕱	
		Error: The public folder database ''NAME1\First Storage Group\PFD atabase'' is the default public folder database for the following mailbox database(s): NAME1\MyStorageGroup\2007-UserMailbox . Before deleting the public folder database, assign a new public folder database to the mailbox database(s).	
-	Select C	Ctrl+C to copy the contents of this dialog.	1
			///

Figure 14: Error to remove Public Folder Database

5. The selected Public Folder Database will be removed only if there is no error message. The following dialog box confirms the same.



Figure 15: Removed the Public Folder Database

6. As per the message, you can remove the log file located at the specified path, if required.

7. Close "Exchange Management Console."

9.1 Force Removal of Public Folder Database

Occasionally, you may not be able to remove the Public Folder Database while decommissioning Exchange Server 2007. You can use this method if you are experiencing difficulties removing the Public Folder Database.

Perform the following steps to remove the Public Folder Database using ADSIEdit.MSC forcefully.

- 1. Go to "Start menu" \rightarrow "Administrative Tools", click "ADSI Edit" to access its console.
- 2. Go to "Actions" menu and click "Connect to." It shows "Connection Settings" dialog box.
- 3. Click "Select a well-known Naming Context" radio button and then select "Configuration" in the drop-down menu.

File Action View Help	
Z ADSI Edit Actions	
Welcome to ADSI Edit ADSI Edit	-
Connection Settings More Actions	•
Name: Configuration	
Path: LDAP://name1.new2007.com/Configuration	
Connection Point	
Select or type a distinguished wante or wanning Context;	
Select a well known Naming Context:	
Computer	
C Select or type a domain or server: (Server Domain [:port])	
Default (Domain or server that you logged in to)	
L Use 55L-based Encryption	
Advanced OK Cancel	

Figure 16: Connecting to a Naming Context in ADSI Edit

- 4. Click "OK." It connects you to "Configuration" context.
- 5. In the left panel, go to "CN=Configuration,DC=DOMAIN,DC=COM" → "CN=Services" → "CN=Microsoft Exchange" → "CN=EXCHANGE_ORG" → "CN=Administrative Groups" → "CN=Exchange Administrative Group (FYDIBOHF23SPDLT)" → "CN=Servers" → "CN=EXCHANGE_NAME" → "CN=InformationStore", click "CN=STORAGE GROUP NAME."
- 6. It lists the databases in the Right Panel.



Figure 17: Deleting Public Folder Database from ADSIEdit.MSC

7. Right-click on "Public Folder Database" node and select "Delete." It shows the following warning message.



Figure 18: Warning to remove an object

- 8. Click "Yes" to remove the Public Folder Database.
- 9. Close "ADSIEdit.MSC."

10. Remove User Mailbox Database

Perform the following steps to remove the User Mailbox Database.

- 1. In Exchange Management Console, go to "Server Configuration" \rightarrow "Mailbox." It shows the User Mailbox and Public Folder Databases in the Right Panel.
- 2. Select the User Mailbox Database and click "Remove." It shows the following warning message.



Figure 19: Warning to remove User Mailbox Database

3. Click "Yes" to remove the mailbox database. The following message box appears to confirm the successful deletion.

Microsoft	Exchange Warning X
	The mailbox database 'Test1' was removed successfully, but with warnings listed below.
	🔁 Test1 🕕 Completed 🕱
	Warning: The specified database has been removed. You must remove the database's production files located in C:\Program Files\Microsoft\Exchange Server\Mailbox\TestGroup\Test1.edb and copy files located in C:\Program Files\Microsoft\Exchange Server\Mailbox\LocalCopies\TestGroup\Test1.edb from your computer manually if they exist. Specified database: Test1
Select C	rl+C to copy the contents of this dialog.

Figure 20: Removed the User Mailbox Database

- 4. You can remove the database file stored at the pointed location, if required.
- 5. You may also remove the local copy of the mailbox database created by Local Continuous Replication, only if you do not want to preserve a copy of the mailbox database.
- 6. Click "OK" to close the dialog box.

11. Remove Storage Group

Once both Public Folder Database and User Mailbox Database are removed, you have to remove the storage groups. Perform the following steps.

- 1. In Exchange Management Console, go to "Server Configuration" \rightarrow "Mailbox." It shows the Storage Groups.
- 2. Select the Storage Groups and click "Remove" in "Actions" panel. It shows the following error message.



Figure 21: Warning before removing a Storage

3. Click "Yes" to remove the storage group.

12. Move Offline Address Book (OAB)

Perform the following steps to move the Offline Address Book (OAB) generation process from source Exchange Server 2007 to another Exchange Server in the same domain.

- 1. In Exchange Management Console, go to "Organization Configuration" \rightarrow "Mailbox."
- 2. Select "Offline Address Book" tab in the right panel.

🔀 Exchange Management Console					_ 🗆 ×
Eile Action View Help					
🗢 🔿 🙍 🖬 🛛 🖬					
Microsoft Exchange	🗟 Mailbox				Actions
Grganization Configuration Anilhox	Address Lists	Managed Default Folder:	s 🗍 Managed Cus	tom Folders	Mailbox 🔺 📥
Client Access	Managed Folder	Mailbox Policies	Offline Address	Book	🦉 New Address List
Hub Transport	Name 🔺	Generation Server	Default OAB	Distribution Mech	📇 New Managed Default Folder
Gerver Configuration	Default Offline Address	CMBOX	True	Web-Based	New Managed Custom Folder
🖅 Recipient Configuration					1 New Managed Folder Mailbox Polic
1 Toolbox					New Offline Address Book
					Export List
					View
					Befrech
					Help
					Default Offline Address Book 🛛 🔺
					💽 Update
	•	1		Þ	📑 Move
,,	,				·,

Figure 22 Offline Address Book Tab

3. Select an Offline Address Book that has to be moved, and click "Move" in "Actions" pane.

Move Off	fline Address Book	
 Move Offline Address Book Completion 	Move Offline Address Book This wizard allows you to move offline address book (OAB) generation to a different server. It will also copy the existing files for the OAB to the specified server. Specify the destination by selecting the target server. Name: Default Offline Address Book Offline address book generation gerver: CMBOX	г.
Help	< <u>B</u> ack Move Cancel	

Figure 23: Moving Offline Address Book

4. Click "Browse" to select the different Exchange Server in the following dialog box.

🍕 Select Mailbox Server		
<u>File V</u> iew		
Search:	Find Now Clear	
Name 🔺	Version	
📑 СМВОХ	Version 8.3 (Build 83.6)	
TMBOX-2010	Version 14.3 (Build 123.4)	
1		
1		
ļ		
		OK Cancel
1 object(s) selected.		2 object(s) found. 💥

Figure 24: Select Exchange Server

5. Select the different Exchange Server and click "OK.." It takes you back to the previous wizard, which now shows the changed server.

Move Off	fline Address Book
 Move Offline Address Book Completion 	Move Offline Address Book This wizard allows you to move offline address book (DAB) generation to a different server. It will also copy the existing files for the DAB to the specified server. Specify the destination by selecting the target server. Name: Default Offline Address Book Offline address book generation server: TMBOX-2010
<u>H</u> elp	< <u>B</u> ack Move Cancel

Figure 25: Selected the different server

6. Click "Move" to move the Offline Address Book generation process to the selected Exchange Server.

Move Off	line Address Book
 Move Offline Address Book Completion 	Completion The wizard completed successfully. Click Finish to close this wizard. Elapsed time: 00:00:00 Summary: 1 item(s). 1 succeeded, 0 failed.
	📑 Default Offline Address Book
	Warning: Task has copied current web distribution files for offline address book ''\Default Offline Address Book'' to the target server. You can back up and remove copy of these files from the previous location: \\CMBDX\ExchangeOAB\22589a1c-1d35-4bd4-bd22-2be77fc6774d. Exchange Management Shell command completed: move-OfflineAddressBook -Identity '\Default Offline Address Book' -Server 'TMBOX-2010' Elapsed Time: 00:00:00
	Select CtrI+C to copy the contents of this page.
	< <u>B</u> ack. Finish Cancel

Figure 26: Changed Exchange Server of the generation of Offline Address Book

7. Click "Finish" to complete the process.

13. Move Routing Group Connector

You can move the Routing Group Connector of Exchange Server 2007 that has to be decommissioned, to another Exchange Server in the same domain. Perform the following steps to move the routing group connector.

1. At Exchange Management Shell, execute the following command to go to the directory, which stores the scripts.

```
cd $exscripts
```

2. Execute the following commands one by one to move the Routing Connector from source Exchange Server 2007 to the target Exchange Server, in our case, the target is Exchange Server 2010.

```
Get-RoutingGroupConnector | where {$_.SourceTransportServers -like

"<SOURCE EXCHANGE 2007 SERVER>"} | Set-RoutingGroupConnector -

SourceTransportServers "<TARGET EXCHANGE SERVER>"

Get-RoutingGroupConnector | where {$_.TargetTransportServers -like

"<SOURCE EXCHANGE 2007 SERVER>"} | Set-RoutingGroupConnector -

TargetTransportServers <TARGET EXCHANGE SERVER>
```



3. Execute the following command to modify any Send connectors, which contains the source Exchange 2007 server as the source transport server.

Get-SendConnector | where {\$_.SourceTransportServers -like "<SOURCE EXCHANGE 2007 SERVER>"} | Set-SendConnector -SourceTransportServers "<TARGET EXCHANGE SERVER>"

4. Execute the following command to modify any foreign connectors, which contains source Exchange 2007 server as the source transport server.

Get-ForeignConnector | where {\$_.SourceTransportServers -like "<SOURCE EXCHANGE 2007 SERVER>"} | Set-ForeignConnector -SourceTransportServers "<TARGET EXCHANGE SERVER>"



Figure 27: Moving the Routing Connectors from Exchange Server 2007 to Exchange Server 2010

14. Remove Exchange Administrative Group

NOTE: If you have installed another Exchange Server in the same domain, then these steps are not required, as these steps will also remove the Administrative Group of another Exchange Server.

Even if Exchange Server 2007 is decommissioned, the attributes of Exchange Administrative Group remain in Active Directory. You can use ADSIEdit.MSC console to remove these attributes. Perform the following steps.

- 1. Go to "Start menu" \rightarrow "Administrative Tools", click "ADSI Edit" to access its console.
- 2. Go to "Actions" menu and click "Connect to." It shows "Connection Settings" dialog box.
- 3. Click "Select a well-known Naming Context" radio button and select "Configuration" in the drop-down menu.



ADSI Edit	
File Action View Help	
2 ADSI Edit	Actions
Welcome to ADSI Edit	ADSI Edit
Connection Settings	More Actions
Name Castlematics	
Path: LDAP://name1.new2007.com/Configuration	
Connection Point	
Select of type a bisonguished Name of Naming Context:	
Select a well known Naming Context:	
Computer	
C Select or type a domain or server: (Server Domain [:port])	
O Default (Domain or server that you logged in to)	
Use SSL-based Encryption	
Advanced OK Cancel	
<u> </u>	J

Figure 28: Connecting to a Naming Context in ADSI Edit

- 4. Click "OK." It connects you to "Configuration" context.
- 5. In the left panel, go to "CN=Configuration,DC=DOMAIN,DC=COM" → "CN=Services" → "CN=Microsoft Exchange" → "CN=EXCHANGE_ORG" → "CN=Administrative Groups." Expand this node to access "CN=Exchange Administrative Group (FYDIBOHF23SPDLT)."
- 10. Right-click on "CN=Exchange Administrative Group (FYDIBOHF23SPDLT)" node and select "Delete." It shows a warning message.
- 11. Click "Yes" to remove the Administrative Group.
- 12. Close ADSIEdit console.

15. Uninstall Exchange Server 2007

If you have installed Client Access, Unified Messaging, or Hub Transport role at a different computer, then you have to follow these steps at that computer to remove that role.

Once done, you can uninstall Exchange Server 2007 by following these steps:

- 1. Go to "Start" menu \rightarrow "Control Panel", click "Programs and Features" to launch its console.
- 2. Select "Microsoft Exchange Server 2007", and click "Uninstall." The following wizard appears onscreen.

Exchange	e Server 2007 SP3 Setup
 Exchange Maintenance Mode Server Role Selection Readiness Checks Progress Completion 	Exchange Maintenance Mode Microsoft Exchange Server is currently installed on this computer. This wizard will allow you to remove Exchange server roles from this computer.
Help	< Back Cancel

Figure 29: Uninstalling Exchange Server 2007

3. Click "Next" at the welcome page. The next page displays the roles installed on the computer.

Maintenance Mode	Clear the check boxes for the server roles	that you want to remove:
 Server Role Selection Readiness Checks Progress Completion 	Image: Second state state Image: Second state Image: Second state Image: Second st	Description The Unified Messaging Role provides connectivity between a corporate telephony system and Exchange Server. Clients can access their mailboxes from a telephone and receive voice mails to their mailbox.
	Bassive Clustered Mailbox Role Image: State	Disk Space Allocation Disk space required: 0.0 M
	Specify the path for the Exchange Server C:\Program Files\Microsoft\Exchange Ser	Disk space available: 291801.7 M installation: ver <u>Browse</u>

Figure 30: Select the roles to be uninstalled

4. To uninstall Exchange Server 2007, you have to uncheck all roles.

📩 Exchange	Server Role Selection	
Maintenance Mode	Clear the check boxes for the server roles	that you want to remove:
Server Role Selection	🔁 🗖 Mailbox Role	Description
Readiness Checks	🗟 🗖 Client Access Role	The Client Access server role enables clients to connect to their Exchange mailbox through
Progress		Outlook Web Access, POP, IMAP, or their
Completion	E Hub I ransport Hole	mobile device. This server role also provides free/busy lookup and offline address books
	🔚 🗖 🛯 Unified Messaging Server Role	
	Edge Transport Server Role	
	Active Clustered Mailbox Bole	
	Passive Clustered Mailbox Hole	
	Management Teals	Disk Space Allocation
		Disk space required: 0.0 MI
		Disk space available: 291801.7 MI
	Specify the path for the Exchange Server	installation:
	C:\Program Files\Microsoft\Exchange Ser	ver Browse

Figure 31: Unchecked all roles

5. Click "Next" to proceed. The setup performs the readiness checks. The message of successful checks or any error in the checks is displayed on the next page of this wizard.

Exchange Maintenance Mode	Readiness Checks The system and server will be checked to verify that the follo be removed.	wing server roles are ready to
Readiness Checks	Elapsed time: 00:00:37 Summary: 4 item(a), 4 succeeded, 0 failed	
	Mailbox Role Prerequisites	🕢 Completed 🗙
	Elapsed Time: 00:00:10	
	🔚 Unified Messaging Server Role Prerequisites	🕜 Completed 🛭 🕿
	Elapsed Time: 00:00:01	
	Client Access Role Prerequisites	🕜 Completed 🛭 🕿
	Elapsed Time: 00:00:02	
	📴 Hub Transport Role Prerequisites	🥑 Completed 🛭 🕿
	Elapsed Time: 00:00:01	
	Select Ctrl+C to copy the contents of this page.	

Figure 32: All checks are completed successfully.

- 6. If all checks are performed successfully, "Uninstall" button appears on the page.
- 7. Click "Uninstall" to start the uninstallation of Exchange Server.

Exchange Maintenance Mode Server Role Selection Readiness Checks	Completion The following server roles have been successfully removed. To close the w Finish. Elapsed time: 00:05:14 Successfully removed. No errors.	izard, click
Progress Completion	Elapsed Time: 00:01:27	Completed
	Elapsed Time: 00:01:07	Completed
	Client Access Role Elapsed Time: 00:00:40	Completed
	Elansed Time: 00:00:55	Completed
	Elapsed Time: Colored Management Tools	Completed
	Lapsed Time: Colored Remove Exchange Files	Completed

Figure 33: Uninstalled Exchange Server

8. Click "Finish" to complete the process.

15.1 Command to Uninstall Exchange Server 2007 Role

If you are experiencing difficulty uninstalling Exchange Server 2007 or its role from "Programs and Features", then it is recommended to use the command prompt. You need the installation disc or setup files of Exchange Server 2007 for this process. Perform the following steps:

- 1. Start the command prompt as an administrator.
- Once the command prompt is started, switch to the folder or drive containing the setup files of Exchange Server 2007.
- 3. Execute the following command.

```
setup.com /mode:Uninstall /roles:HT
```

Here, you can use the following annotations for removing the roles. You can enter multiple roles in the above command by separating them with comma.

Annotation	Role
HT or H	Hub Transport Role



CA or C	Client Access Role
ET or E	Edge Transport Role
MB or M	Mailbox Role
UM or U	Unified Messaging
MT or T	Management Tools



📾 Administrator: C:\Windows\system32\cmd.exe	_ 🗆 🗵
Z:\>Setup.com /mode:uninstall /role:HT	, –
Welcome to Microsoft Exchange Server 2007 Unattended Setup	
Preparing Exchange Setup	
The following server roles will be removed Hub Transport Role	
Performing Microsoft Exchange Server Prerequisite Check	
Hub Transport Role Checks	
Configuring Microsoft Exchange Server	
Hub Transport Server Role	
The Microsoft Exchange Server setup operation completed successfully.	
Z:\>_	
	-

Figure 34: Uninstalled Hub Transport Role using Command Prompt

Once the command is completed, the specified role of Exchange Server will be removed from the system.

16. Support

If you are facing any issue while decommissioning the Exchange Server, then you can connect with our team.

Product experts

USA/Canada: +1-866-348-7872

UK/Europe: +44 (0) -808-189-1438

Rest of the World: +91 (0) -981-872-5861

You can also visit <u>https://www.nucleustechnologies.com/Contact.html</u> to chat live with our team and to know more about our support team.

You can email your queries at the following addresses.



sales@nucleustechnologies.com for Sales support@nucleustechnologies.com for Support

17. Copyright

Kernel MIgrator for Exchange, any and all components, any and all accompanying software, files, data and materials, this guide, and other documentation are copyright of KernelApps Private Limited, with all rights reserved under the copyright laws. This user guide cannot be reproduced in any form without the prior written permission of KernelApps Private Limited. No Patent Liability is assumed, however, on the use of the information contained herein.

© KernelApps Private Limited, All Rights Reserved.

18. Warranty Disclaimers and Liability Limitations

This document and other documents by KernelApps Private Limited are distributed and provided AS IS and with no warranties of any kind, whether expressed or implied. In particular, there is no warranty for any harm, destruction, impairment caused to the system where these are installed. You acknowledge that good data processing procedure dictates that any program, listed above, must be thoroughly tested with non-critical data before there is any reliance on it, and you hereby assume the entire risk of all use of the copies of this document covered by this License. This disclaimer of warranty constitutes an essential part of this License.

In no event does KernelApps Private Limited authorize you or anyone else to use the steps mentioned in this document in applications or systems where the failure to perform can reasonably be expected to result in a significant physical injury, or in loss of life. Any such use is entirely at your own risk, and you agree to hold KernelApps Private Limited harmless from any and all claims or losses relating to such unauthorized use.

19. Trademarks

Kernel Migrator for Exchange is the registered trademark of KernelApps Private Limited.

All other brand names, product names, logos, registered marks, service marks and trademarks (except above of KernelApps Private Limited.) appearing in this document are the sole property of their respective owners. These are purely used for informational purposes only. We have compiled a list of such trademarks, but it may be possible that a few of them are not listed here.

Windows Server[®], Windows[®], Exchange Server 2003[®], Exchange Server 2007[®], and Active Directory[®], are registered trademarks of Microsoft Corporation.

