Kernel Migrator for Exchange

Decommission Exchange Server 2003

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1. Introduction

This document guides you to decommission Exchange Server 2003. It is required to perform the following steps one by one.

- 1. Take complete backup the Exchange Server along with its mailboxes and Public Folders
- 2. Migrate the content of User Mailboxes to another Exchange Server
- 3. Use native method to migrate the content of Public Folders to another Exchange Server
- 4. Disconnect all-mailbox enabled users from their respective mailboxes
- 5. Delete Mailbox Store
- 6. Delete Public Folder Store
 - a. Force removal of Public Folder Store if you are facing any issue or if you are not selecting Public Folder Store of another server
- 7. Delete Routing Connector
- 8. Delete Domain Recipient Update Service
- 9. Auto-Uninstall of Exchange Server 2003
 - a. Remove Exchange Server 2003 manually if auto-uninstall fails

2. Backup Exchange Server 2003

The full backup of Exchange Server 2003 comes handy when something goes wrong while migrating the user mailboxes and Public Folder, and while decommissioning Exchange Server.

Perform the steps below to take the backup of Exchange Server 2003.

- Go to "Start" menu → "All Programs" → "Accessories" → "System Tools", and click "Backup." It displays the backup wizard, if you have not switched to "Advanced Mode" already. Click "Advanced Mode" to access the backup utility with full options.
- 2. Click "Backup" tab.

🛃 Backup Utility - [Untitled]	
Job Edit View Tools Help	
Welcome Backup Restore and Manage Media Schedul Click to select the check box for any drive, folder or I Desktop My Computer My Computer My Computer System State My Documents Microsoft Exchange Server Microsoft Information Store K-DC1	e Jobs file that you want to back up. Name Comment Comment EX3-CLIENT3 K-DC1
Backup destination:	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲
C:\Documents and Settings\A Browse	
For Help, press F1	File //.

Figure 1: Backup Exchange Server 2003

- 3. Select "Microsoft Information Store" node under "Microsoft Exchange Server" node.
- 4. Click "Start Backup" to run the backup job with the following dialog box.

Backup Job Information	? ×
Backup description: Set created 6/29/2016 at 3:28 PM	Schedule
 If the media already contains backups ▲ Append this backup to the media. Replace the data on the media with this backup. 	Advanced Cancel
If the media is overwritten, use this label to identify the media: Exchange Backup.bkf created 6/29/2016 at 3:28 PM	
 Blow only the owner and the Administration access to the backup data. 	

Figure 2: Information of the backup job

5. Start the backup now or schedule it to run later.

Once backup is finished, you can proceed with the process to migrate the Public Folders, to remove the Exchange Attributes, and to decommission Exchange Server.

3. Migrate User Mailboxes

Use Kernel Migrator for Exchange to migrate the user mailboxes from Exchange Server 2003 to another Exchange Server of any version.

4. Migrate Public Folders

If you are performing the cross-domain migration, then it is recommended to use Kernel Migrator for Exchange to migrate the Public Folders. Also, you can use our solution to migrate the Public Folders from Exchange Server 2003 to another Exchange of up to 2010 version in the same domain.

If you want to use the native method of migrating the public folders, then you can use "Move All Replicas" method. Perform the following steps.

- 1. Go to "Start" \rightarrow "All Programs" \rightarrow "Microsoft Exchange", and click "System Manager" to access its console.
- Expand the nodes in the left panel to go to "Administrative Groups" → "First Administrative Group" → "Servers" → "EXCHANGE_2003" → "First Storage Group" → "Public Folder Store (EXCHANGE_2003)."
- 3. Right-click on "Public Folder Store (EXCHANGE_2003)" node.



Figure 3: Move All Replicas command

4. Click "Move All Replicas" command to access its wizard.

Move All Replicas	۲
Select the server to which you want to move all the public folder replicas in this Public Folder Store:	
K-DC1	
Moving all replicas to a different server may take time and result in large amounts of replication traffic.	
Cancel	

Figure 4: Move All Replicas wizard

- 5. Use the drop-down menu box to select another Exchange Server in the same domain, where you want to migrate the Public Folders.
- 6. Click "OK." It shows the following warning message.

Move All	Replicas X
⚠	All the public folder replicas in this store will now be moved to K-DC1. After all the replicas are moved, it may take several hours until all the folder contents are moved. To verify that all the folder contents have been moved, check that the list of 'Public Folders Instances' in this store is empty.
	Cancel

Figure 5: Warning before moving all replicas

7. Click "OK" to start the replication.

The replication will take time, which depends upon the available resources, the number of Public Folders, and their size. Once the replication is completed a, the Public Folders will be migrated. As a result, the list of "Public Folder Instances" in this Public Folder will be emptied. If this list is not empty, then it means that Public Folders are not migrated.

5. Remove Exchange Attributes from Active Directory

Perform the following steps to remove Exchange Attributes for mailbox-enabled users from Active Directory. It removes the restriction that may stop you from deleting a default mailbox or uninstalling Exchange Server.

- Go to "Start" menu → "Administrative Tools", and click "Active Directory Users and Computers" to access its console.
- 2. Right click on "Users" node in Left Panel.





Figure 6: Find option in AD

3. Click "Find" to open the following dialog box.

🍕 Find Users, Coi	ntacts, and Groups	
<u>Eile E</u> dit <u>V</u> iew <u>I</u>	<u>H</u> elp	
Fin <u>d</u> : Users, Conta	acts, and Groups 💌 I <u>n</u> : 🗊 www	<u>B</u> rowse
Users, Contacts,	and Groups Exchange Advanced	
		Find Now
N <u>a</u> me:		Stop
Description:		
		- X
		Ť

Figure 7: Find dialog box for users

4. Switch to "Exchange" tab.



🍕 Find Users, Contacts, and Groups	
<u>File Edit View Help</u>	
Fing: Users, Contacts, and Groups 💌 In: 🗊 www	Browse
Users, Contacts, and Groups Exchange Advanced	Find Now
Users with Exchange mailbox	Stop
Users with external e-mail addresses	<u>C</u> lear All
☐ <u>G</u> roups ☐ C <u>o</u> ntacts	

Figure 8: Option to find users with Exchange Attributes

- 5. Check "Show Recipients Only". It enables the subsequent options.
- 6. Check "Users with Exchange Mailbox".

🍕 Find Users, Contacts, and Groups	
<u>File Edit View H</u> elp	
Find: Users, Contacts, and Groups In: Im: Im:	<u>Browse</u> Find Now Stop Clear All

Figure 9: Selecting the option to find mailbox-enabled users

7. Click "Find Now". It displays all users who have mailboxes in Exchange Server.

🍕 Find Users, Contacts,	and Grou	ps	
<u>File E</u> dit <u>V</u> iew <u>H</u> elp			
Find: Users, Contacts, and	d Groups 💌		Browse
Users, Contacts, and Gro	ups Exch	ange Advanced	
Show only Exchang	e recipients		Find Now
Users with Exch	ange <u>m</u> ailbo	х	Stop
Users with exter	nal e-mail a	ddresses	
Groups			
Contacts			
			N
<u>S</u> earch results:			
Name	Туре	Description	
😰 Test2	User		
🙎 Test1	User		
SystemMailbox{D52C	User		
🙎 Administrator	User	Built-in account for administering the computer/d	omain
4 item(s) found			

Figure 10: Search Results

8. Access "View" menu.



Figure 11: View Menu

9. Click "Choose Columns" to access its dialog box.

Choose Columns		? ×
Choose Columns	Add >>	Columns <u>s</u> hown: Name Type Description
Custom Attribute 12		OK Cancel

Figure 12: Choose Columns box

- 10. Select "Exchange Home Server" in "Columns available list."
- 11. Click "Add" to move this entry to "Columns shown list."

Choose Columns		? ×
Columns available: Custom Attribute 9 Department Direct Reports Display Name Division E-Mail Address E-Mail Address (Extern E-Mail Address (Others Employee ID Exchange Mailbox Stor Fax Number	Add >>	Columns <u>s</u> hown: Name Type Exchange Home Server Description
		OK Cancel

Figure 13: Added "Exchange Home Server" column

- 12. Click "OK" to add the selected column in "Find" box.
- 13. Newly added column "Exchange Home Server" will be displayed in the search results.

🍕 Find Users, Contacts,	and Groups			
<u>File E</u> dit <u>V</u> iew <u>H</u> elp				
Fing: Users, Contacts, and	d Groups 💌 In: 🔯 www		•	Browse
Users, Contacts, and Gro	ups Exchange Advanced			
🔽 Sho <u>w</u> only Exchang	le recipients			Find Now
🔽 Users with Exch	hange <u>m</u> ailbox			Stop
🔲 <u>U</u> sers with exter	nal e-mail addresses			<u>C</u> lear All
🔲 <u>G</u> roups				
Contacts				X
				~
Search results:				
Name	Exchange Home Server	Туре	Description	
🖸 Test2	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User		
🖸 🕵 Test1	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User		
🛛 🖸 SystemMailbox{D52C	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User		
🖸 🖸 Administrator	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User	Built-in account for a	dministering the cor
•				Þ
4 item(s) found				

Figure 14: Added "Exchange Home Server" column

- 14. Check the name of the mailbox server appearing in "Exchange Home Server" column for the mailboxes.
- 15. If there are multiple Exchange Server names, then click "Exchange Home Server" column to sort the users for different Exchange Servers.
- 16. Select all users except System Mailbox, which has the values of Exchange Server to be decommissioned.
- 17. Right click on the selected users to access the context menu.

Name	Exchange Home Server	Туре	Description	
🔮 Test2	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User		
🛒 Test1	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User		
SystemMailbox{D52C	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User		
Administrator	/o=First Organization/ou=First Administrative Group/cn=Configuration/cn=Servers/cn=S3EX3	User	Builbin account for an Delete Add to a group Disable Account Enable Account Moye Exchange Tasks Open Home Page Send Maji	Iministering the co
Runs the Exchange Task Wiz	ard on these 3 selected objects.		Properties	

Figure 15: Right click on selected users

18. Click "Exchange Tasks" to access its wizard, which lets you perform a collective task for all selected users.





Figure 16: Exchange Task Wizard

19. Click "Next." The next step displays the available options that can be removed or modified for the selected user accounts.

📲 Exchange Task Wizard	×
Available Tasks The following is a list of tasks that can be applied to one or more of the selected objects. Select the desired task and press Next.	
Select a task to perform:	
 Create Mailbox Move Mailbox Delete Mailbox Configure Exchange Features Delete E-mail Addresses Remove Exchange Attributes 	I
Task Description Remove all Exchange attributes from each selected recipient	
< <u>B</u> ack <u>N</u> ext >	Cancel

Figure 17: Select the option

- 20. Select the option "Remove Mailbox" remove the attached mailbox with this user.
- 21. Click "Next". The next step shows the summary.

Exchange Task Wizard 🗙 🔀
Remove Exchange Attributes Before performing this disaster recovery task, you must read the following important information.
This task removes all Exchange settings from the selected recipient objects and should be used only under very specific circumstances.
When you remove all Exchange attributes from a recipient object in Active Directory, the recipient can no longer send or receive mail, and will not appear in any address lists, including the Global Address List.
If you are running Active Directory Connector or other directory synchronization tools, removing Exchange attributes may adversely affect Exchange functionality.
For more information see the Exchange on-line documentation.
To prevent loss of data, consult Microsoft Product Support before using this task.
If you are sure you want to continue, click Next.
< <u>B</u> ack <u>Next</u> > Cancel

Figure 18: Review what component has to be removed

22. Click "Next" to start the removal of attributes. Once removed, the wizard shows successful message.

🚔 Exchange Task Wizard		×
	Completing the Exchange Task Wizard	
	Task Summary: Remove Exchange Attributes	
$\langle \mathbf{x} \rangle$	Results: Errors: 0 Successes: 3 Warnings: 0	
	View detailed report when this wizard closes.	
	< <u>B</u> ack Finish Cance	3

Figure 19: Removed the Mailbox of AD user

- 23. Click "Finish". It takes you back to "Find" box.
- 24. Click "Find Now" button again to refresh the results. It should show "System Mailbox" only. If still it shows other mailboxes, then you have to remove their attributes also.

6. Delete Mailbox Store

Follow the steps below to delete the mailbox store,

- 1. Open Exchange System Manager.
- 2. Expand the nodes to First Organization (Exchange) \rightarrow Servers \rightarrow EXHCHANGE13 \rightarrow First Storage Group.
- 3. Select Mailbox Store (S3EX3).



Figure 20: Option to delete Mailbox Store

4. Right click on it and click "Delete." It displays the following warning message.



Figure 21: Delete Mailbox warning

5. Click "Yes." It shows a message box asking confirmation of your action.





Figure 22: Asking for your confirmation to delete mailbox store

6. Click "Yes." The server processes to delete the mailbox. Once succeeded in deleting the default mailbox, you receive the following message.



Figure 23: Mailbox store deleted

7. Click "OK" to complete the process.



Figure 24: No mailbox store

7. Delete Public Folder Store

Perform the following steps to delete the Public Folder Store.

- 1. Go to "Start" \rightarrow "All Programs" \rightarrow "Microsoft Exchange", and click "System Manager" to access its console.
- Expand the nodes in the left panel to go to "Administrative Groups" → "First Administrative Group" → "Servers" → "EXCHANGE_2003" → "First Storage Group" → "Public Folder Store (EXCHANGE_2003)."
- 3. Right-click on "Public Folder Store (EXCHANGE_2003)" node and click "Delete." The following message box appears onscreen.



Figure 25: Dialog box displaying the roles of Public Folder Store

4. Click "OK." The following dialog box appears onscreen.

elect Public Store	×
Public stores:	
Name	Server
Public Folder Database	K-DC1
J	

Figure 26: Dialog box to select Public Folder Database of another server

- 5. Select the Public Folder Store of another Exchange Server in the same domain
- 6. Click "OK." It displays the following warning message box.

Public Fo	lder Store (EX3-CLIENT3)
1	Are you sure you want to delete the 'Public Folder Store (EX3-CLIENT3)' store?
	Yes No

Figure 27: Warning before deleting the Public Folder Store

7. Click "Yes" to delete the Public Folder Store. Once delete, the following message box confirms the same.





Figure 28: Public Folder has been deleted

8. Click "OK" to complete the process.

7.1 Force Removal of Public Folder Store

There may be some scenarios when you cannot remove the Public Folder Database while decommissioning the Exchange Server. You can use ADSIEdit.MSC in such cases to remove the Public Folder Store forcefully.

Follow the steps below to remove the Public Folder Database using ADSIEdit.MSC forcefully.

- 1. Go to %ProgramFiles%\Support Tools and run "adsiedit.msc."
- 2. Connect it to your Exchange Server.
- 3. In the left panel, go to "CN=Configuration,DC=DOMAIN,DC=COM" → "CN=Services" → "CN=Microsoft Exchange" → "CN=First_Organization" → "CN=Administrative Groups" → "CN=Exchange Administrative Group (FYDIBOHF23SPDLT)" → "CN=Servers" → "CN=EXCHANGE_NAME" → "CN=InformationStore", click "CN=STORAGE_GROUP_NAME."
- 4. It lists the databases in the Right Panel.



Figure 29: Deleting Public Folder Database from ADSIEdit.MSC

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



Figure 30: Warning to remove an object

- 6. Click "Yes" to remove the Public Folder Database.
- 7. It removes the database.
- 8. Close"ADSIEdit.MSC."

8. Delete Routing Connector

Perform the following steps to delete the routing connector, if any.

- 1. Go to "First Organization (Exchange)" and click "Connectors" to expand the available connectors.
- 2. Select a connector and right click on it.



Figure 31: Option to delete Connector

3. Click "Delete." It shows the following message asking your confirmation to delete the connector.



Figure 32: Asking your confirmation to delete the connector

4. Click "Yes" to erase the connector from the hierarchy.

9. Delete Domain Recipient Update Service

Now, it is required to use ADSIEdit.msc to remove the Domain Recipient Update Service.

NOTE: If ADSIEdit.msc is not available, then you can download and install Windows Support Tools from http://www.microsoft.com/en-us/download/details.aspx?id=15326. You can also download a CAB file named "support.cab" from this URL and extract it at the server system to use ADSIEdit.msc.

Follow the steps below to remove Domain Recipient Update Service

- 1. Start ADSIEdit.msc.
- 2. Expand the nodes in this order.

```
Configuration [DC.www.domain.com] \rightarrow CN=Configuration,DC=www,DC=domain, DC=com \rightarrow CN=Services \rightarrow CN=First Organization \rightarrow CN=Address Lists Container
```

- 3. Click the node "CN=Recipient Update Services". It lists the recipient update services in the right panel.
- 4. Select "CN=Recipient Update Service (Domain)".



Figure 33: Option to delete the Domain Recipient Update Service

5. Right click on it and select "Delete." It displays the following warning message to delete the object.



Figure 34: Asking your confirmation to delete the object

6. Click "Yes" to remove the Recipient Update Service.

10. Auto-Uninstall of Exchange Server 2003

If you have the CD or source of Exchange Server 2003 Setup, then you can follow this process. Follow the steps below to uninstall Exchange Server 2003.

- 1. Go to Control Panel \rightarrow Add/Remove Programs.
- 2. Select Microsoft Exchange Server 2003.

🐻 Add or Ren	nove Programs			_ 🗆 🗵
5	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	•
C <u>h</u> ange or Remove	The Microsoft .NET Framework 1.1 Device Update 2.0		Size	0.19MB
Programs	🔀 Microsoft .NET Framework 2.0 Service Pack 1		Size	187.00MB
	R Microsoft Exchange		Size	<u>17.72MB</u>
Programs	To change this program or remove it from your computer, cli	ck Change/Remove.	Chang	je/Remove
5	D VMware Tools		Size	15.72MB
Add/Remove Windows	🕵 Windows Server 2003 Service Pack 2			
Components	🔀 Windows Support Tools		Size	23.71MB
	🞥 WinRAR archiver		Size	3.34MB

Figure 35: Microsoft Exchange in Add/Remove Programs

3. Click "Change/Remove" button to start the uninstallation process with the following wizard.



Figure 36: Exchange Uninstallation Process

lick in the	left column to specify the appropriate action for each component.		
Action	Component Name	Current	Drive
¥	👻 – Microsoft Exchange	6.5	
×	 Microsoft Exchange Messaging and Collaboration Services 	6.5	
	Microsoft Exchange Connector for Lotus Notes		
	Microsoft Exchange Connector for Novell GroupWise		
	Microsoft Exchange Calendar Connector		
\checkmark	 Microsoft Exchange System Management Tools 	6.5	
	Microsoft Exchange 5.5 Administrator		
•			
nstall Path:		Ch	iange Path
	Current Version: 6.5	Dis	k Informatior

4. Click "Next". The next step lets you select the components, which has to be removed.

Figure 37: Select Component

5. In the column "Action", you have to select "Remove" for "Microsoft Exchange".

Compone Select	nt 9 and	Selection I modify components to fit your custom solution.		
Click in the	left	column to specify the appropriate action for each component.		
Action		Component Name	Current	Drive F
Remove	•	Microsoft Exchange	6.5	C:
Hemove		 Microsoft Exchange Messaging and Collaboration Services 	6.5	U:
	*	Microsoft Exchange Connector for Lotus Notes		
	*	Microsoft Exchange Connector for Novell GroupWise		
	*	Microsoft Exchange Calendar Connector	0.5	6
Hemove	*	Microsoft Exchange System Management Lools	6.5	U:
•				
nstall Path	:	C:\Program Files\Exchsrvr	Ē	hange Path
Drive C:		15 MB Requested Current Version: 6.5 194539 Remaining	Di	isk Information
	_			

Figure 38: Selected "Remove" option

6. Click "Next." The next step shows the summary of selected components to be removed.

Installation Review y	Summary iour installation choices.			
Action	Component Name	Current	Drive	F
Remove	 Microsoft Exchange 	6.5	C:	
Remove	Microsoft Exchange Messaging and Collaboration Services	6.5	C:	
Remove	Microsoft Exchange System Management Tools	6.5	C:	
۲.				
▲ Install Path:	C:\Program Files\Exchsrvr			Þ
∢ Install Path: Drive C:	C:\Program Files\Exchsrvr 15 MB Requested Current Version: 6.5 194539 Remaining	Dis	k. Informatio	on

Figure 39: Review the components to be removed

- 7. Check all components to remove Exchange Server 2003 completely.
- 8. Click "Next" to start the removal process.

🚰 Microsoft Exchange Installation Wizard			×
Component Progress The following components are now performing the actions yo	u have selected.		
 Microsoft Exchange Messaging and Collaboration Services Microsoft Exchange Forest Preparation Microsoft Exchange Domain Preparation Microsoft Exchange System Management Tools Microsoft Exchange Microsoft Search 	p-ins		
	< <u>B</u> ack	<u>N</u> ext >	Cancel

Figure 40: Exchange uninstallation has been started.

9. You may receive the following warning.



Figure 41: Warning of removing "First Organization" from AD

10. You will receive the message to provide the source of Exchange Server 2003 setup files stored either on the disk drive or from the installation CD.



🛃 Microsoft Exchange Installation Wizard	×
Component Progress The following components are now performing the actions you have selected.	
Microsoft Exchange Messaging and Collaboration Services Microsoft Exchange Forest Preparation Microsoft Exchange Domain Preparation Microsoft E Microsoft E Microsoft E Microsoft Exchange Disc 1 or point to the location where the Microsoft Exchange files may be found. Path: dttreschage_svr3\setup\1386\exchange OK Cancel Microsoft Excha	
< <u>B</u> ack <u>N</u> ext> Canc	el

Figure 42: Asking for Setup Disc

- 11. Click "Browse" to provide the path of the installation disc or a location where setup files are stored on the disk drive.
- 12. Click "OK" to continue the uninstallation process.
- 13. Once this process is completed, you will receive the uninstallation successful message.





Figure 43: Exchange Uninstallation Completed

- 14. Click "Finish". You will receive a prompt to restart the server.
- 15. Restart the server system.

11. Manual Removal of Exchange Server 2003

If the offline setup files or installation CD of Exchange Server 2003 is not available, or if you face any issue while uninstalling Exchange Server 2003, then you can use this method.

The different steps of this method are distributed into the following sections. Perform their steps one-by-one to remove Exchange Server 2003 manually.

11.1 Stop and Disable Exchange Services

Follow the below steps to stop and then disable Exchange Services.

- 1. Go to Start \rightarrow "Control Panel" \rightarrow "Administrative Tools" and click "Services" to access its console.
- 2. Browse the services of Microsoft Exchange listed herein below.
 - a. Distributed Transaction Coordinator.
 - b. Internet Information Services (IIS) Admin Service
 - c. Microsoft Exchange Event
 - d. Microsoft Exchange Internet Message Access Protocol (IMAP4)
 - e. Microsoft Exchange Information Store
 - f. Microsoft Exchange Message Transfer Agent (MTA) Stacks
 - g. Microsoft Exchange Post Office Protocol version 3 (POP3)
 - h. Microsoft Exchange Routing Engine
 - i. Microsoft Exchange Site Replication Service
 - j. Microsoft Exchange System Attendant
 - k. Network News Transfer Protocol (NNTP)
 - I. Simple Mail Transfer Protocol (SMTP)
- 3. Right click on any service and click "Properties".

licrosoft Exchange	e Event Properties (Local Computer)	?	×
General Log On Recovery Dependencies			
Service name:	MSExchangeES		
Display <u>n</u> ame:	Microsoft Exchange Event		
<u>D</u> escription:	Monitors folders and fires events, for Exchange 5.5-compatible server applications.		
Path to executable:			
"C:\Program Files\Exchsrvr\bin\events.exe"			
		_	
Startup typ <u>e</u> :	Manual		
Service status:	Started		
<u>S</u> tart	Stop Pause Resume		
You can specify the start parameters that apply when you start the service from here.			
Start parameters:			
		_	
	OK Cancel Apply	,	

Figure 44: Service Properties

- 4. Click "Stop" to stop the service.
- 5. Select "Disabled" for "Startup Type."
- 6. Click "Apply" and "OK."
- 7. Repeat this process for all services listed above.

11.2 Remove Registry Entries

WARNING: This method contains the steps that may require you to perform changes in Windows Registry, i.e. the core of the Windows Server Operating System. Any wrong step while performing these changes can even crash Server Operating System or lead to serious issues.

Kindly take a backup of Windows Registry and create a System Restore Point before making these changes. At KernelApps, we can only suggest the best possible ways to deal with an issue, however, it is up to the end user to decide whether to perform these actions or not. KernelApps Private Limited does not assume any liability of the result after you perform these actions.

Follow the steps below to remove Exchange Server 2003 installation manually from the server system.

- 1. Click Start to access Start Menu.
- 2. Click "Run".

K

3. Type "regedit.msc" and click "OK".

4. It is recommended to create a backup of Windows Registry and create a System Restore Point so that any changes made in Windows Registry can be restored.

NOTE: Please refer to <u>https://support.microsoft.com/en-us/kb/322756</u> to know the steps to backup and restore Windows Registry.

- 5. Find and remove the following registry keys.
 - a. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\DAVEX
 - b. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\EXIFS
 - c. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\ExIPC
 - d. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\EXOLEDB
 - e. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\IMAP4Svc
 - f. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeActiveSynchNotify
 - g. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeADDXA
 - h. HKEY LOCAL MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeAL
 - i. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeDSAccess
 - j. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeES
 - $k. \\ HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeFBPublish$
 - I. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangelS
 - m. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeMGMT
 - n. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeMTA
 - o. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeMU
 - p. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeOMA
 - q. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeSA
 - r. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeSRS
 - $s. {\tt HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeTransport}$
 - t. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeWEB
 - u. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\POP3Svc
 - v. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\RESvc
- 6. If you are using Notes or GroupWise Connector, then perform the steps below,
 - a. Navigate to find the following registry key

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services

- b. Delete any registry entries in this subkey that begin with the following characters:
 - i. LME-
 - ii. SERVERNAME-LME
- 7. If Microsoft Office 2003, Office XP, or Windows SharePoint Service are not installed, then please follow the steps below.

a. Navigate to find the following registry key

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services

- b. Delete any registry entries in this subkey that begin with the following characters:
 - i. MSSEARCH

11.3 Rename the Installation Folder

Rename the program installation folder of Exchange Server 2003. By default, following is the path of the installation folder.

Drive:\Program Files\Microsoft Integration\Microsoft Exchange 2003

11.4 Reinstall IIS Component

Follow the steps below to remove and reinstall IIS components to remove Exchange Server.

- 1. To uninstall IIS,
 - a. Go to Control Panel \rightarrow Add/Remove Programs.
 - b. Click "Add/Remove Windows Components".
 - c. Select "Application Server" and click "Details".
 - d. Clear the boxes of "ASP.NET" and "Internet Information Services".
 - e. Click "OK" and then click "Next" to start uninstalling these features.
 - f. When completed, click "Finish".
 - g. Restart server system.
- 2. Search for the folder named "Exchsvr" folder and rename it.
- 3. Delete the folder %systemroot%\system32\inetsrv.
- 4. Delete "Metabase.xml" file for Windows Server 2000 and "Metabase.bin" file for Windows Server 2003. This file may already be removed while removing above IIS components.
- 5. To reinstall IIS and ASP.NET,
 - a. Go to Control Panel \rightarrow Add/Remove Programs
 - b. Click "Add/Remove Windows Components".
 - c. Select "Application Server" and click "Details".
 - d. Check the boxes of "ASP.NET" and "Internet Information Services".
 - e. Click "Next" to start their installation.
 - f. Click "Finish" once the installation is completed.

If you are using Windows Server 2003, then make sure to reinstall SMTP and NNTP services.



12. Conclusion

You can follow the above steps to decommission Exchange Server 2003. It is recommended to backup Exchange Server before proceeding to delete the User mailboxes and before migrating or deleting Public Folders in the same domain.

13. Support

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

Product experts

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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

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