



## **MS Exchange Server Backup - User Guide**

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## Introduction

IBackup for Windows provides an easy, secure, fast and a reliable way to backup your MS Exchange Server databases to your IBackup account. The application allows you to backup and restore the MS Exchange Server databases without interrupting your currently running MS Exchange Server services.

### **Features**

- Backup and restore of 'Mailbox/Public Folder' Stores (Storage Groups / Databases) of MS Exchange Server
- Provision to restore 30 previous versions of all backed up files
- > Option to retrieve deleted files from Trash within a 30 day period
- Enhanced security with 256-bit AES encryption on transfer and storage with a user-defined encryption key that is not stored anywhere on IBackup servers
- Schedule backups for a future day and time with various scheduling options
- Easy-to-use wizards for scheduling backup and restore operations
- E-mail and desktop notifications on completion of the backup operation
- Session-based logs of backup activities

**Note:** Refer http://www.ibackup.com/old-version.htm for the details related to architectural / feature set changes to the IBackup application (accounts created prior to 10th August 2011.)



## **System Requirements**

#### Exchange Server 2010

- > IBackup for Windows Version 9.5.5 or higher
- x64 architecture-based computer with Intel processor that supports Intel Extended Memory 64 Technology (Intel EM64T) or AMD processor that supports the AMD64 platform
- Microsoft Windows Server 2008 x64 Standard and Enterprise Edition with Service Pack 2 or Microsoft Windows Server 2008 R2 Standard and Enterprise Edition, Windows SBS 2011.
- Minimum 4 GB of RAM per server and sufficient space in the hard disk to store the MS Exchange Server database backup files (IBackupExchBackupSet)

#### Exchange Server 2007

- > IBackup for Windows Version 9.5.2 or higher
- x64 architecture-based computer with Intel processor that supports Intel Extended Memory 64 Technology (Intel EM64T) or AMD processor that supports the AMD64 platform
- Microsoft Windows Server 2008, Windows Server 2003 SP1, Windows Server 2003 x64 or Windows Server 2003 R2 x64, Standard or Enterprise Edition, Windows SBS 2011.
- Minimum 2 GB of RAM per server, Sufficient space in hard disk to store the MS Exchange Server database backup files (IBackupExchBackupSet)

**Note:** To perform Exchange 2007 Brick-Level Backup, you will need to install the standalone version of MAPI from the Microsoft site.

#### Download Standalone version of MAPI

#### Exchange Server 2003

- > IBackup for Windows Version 9.3.5 or higher and 133-megahertz (MHz) or higher processor
- Microsoft Windows Server 2008, Windows Server 2003, Standard Edition; Windows Server 2003, Enterprise Edition; or Windows Server 2003, Datacenter Edition with or without any service pack, Windows 2000 Server, Windows 2000 Advanced Server, or Windows 2000 Datacenter Server with SP3 or later, Windows SBS 2011.
- > 256 megabytes (MB) of RAM
- Sufficient space in hard disk to store the MS Exchange Server database backup files (IBackupExchBackupSet)

#### Exchange Server 2000

- IBackup for Windows Version 9.3.5 or higher
- > Intel Pentium or compatible 166-megahertz (MHz) or higher processor
- Microsoft Windows 2000 Server, which can co-exist with Microsoft Windows Server 2003 domain controllers and global catalog servers, Windows SBS 2011.
- Exchange Server Service Pack 3
- Sufficient space in hard disk to store the MS Exchange Server database backup files (IBackupExchBackupSet)



## **Exchange Server Backup**

Follow the steps given below to backup your MS Exchange Server database.

#### Step 1

From the application menu bar, go to Backup-Restore > Exchange Server > Exchange Server Backup.

File	Backup-Restore Log	Tools	Help	
	Restore		📟 🚝 👝	
Wize	SQL Server	•	Backup set Mirror	
Wiza	Exchange Server	•	Exchange Server Backup	
Q [	SharePoint Server	•	Exchange Server Restore	_ <b>× 1</b> ₽ (
Name	Oracle Server	•	Exchange Brick-Level Mailbox	
	System State data	•	A Backup	=w/
÷.	Pictures		MATTHE     Mapstrip	EW Njpg





Select the MS Exchange Server 'Public Folder' Store/ 'Mailbox' Stores that you want to backup to your IBackup account.

Exchange Server Backup	<b>:?</b> ) 🛙
Select the Public Folder Store/Mailbox Stores to be backed up to your IBackup acc	count
Select the temporary location for the Exchange Server backup. C:\Exchange_Database\	Browse
Main	
Microsoft Information Store   Microsoft Information Store  Microsoft Information Information  Microsoft Information Information  Microsoft Information Information  Microsoft In	
Shack.	Next > Close





'Browse' to select a temporary location on your local computer to store the MS Exchange Server backup resources.

Browse My Computer			
Select a folder to be used as a temporary locati	on for th	e Exchange Server backup (	operation
Name	Size	Modified Date	
Application Data     Cookies     Cookies     Desktop     Gestination     E3EEVAENG     enc restore 2003 SBS 64mp     exchange     Exchange     Exchange Screen Shots     DaktupExchBackupset     Oracle Screen Shots     Oracle     SYSSTATETEMP		12/23/2008 6:05 1/27/2009 1:30: 1/28/2009 5:00: 1/28/2009 5:00: 1/20/2009 3:52: 1/20/2009 6:28: 1/28/2009 4:59: 1/28/2009 4:59: 1/27/2009 11:09 1/28/2009 4:57: 1/28/2009 4:57: 1/28/2009 4:57:	
		<u>ō</u> k	lose

**Note:** Ensure that the selected temporary folder on the local computer has sufficient free space to hold the MS Exchange Server backup resources.

You cannot select the temporary location for MS Exchange Server backup on the remote location.



Click the 'Next' button to select a folder in your IBackup account for the backup operation.

Name	Modified Date
- 18 My IBackup	
+ - K	1/27/2009 3:48:12 AM P5T
. 📄 E	1/27/2009 10:17:01 PM P5T
🛊 🧰 Encrypted_Data	1/26/2009 10:20:25 PM PST
+ 🧰 IBORACLEBackup	1/28/2009 2:52:16 AM PST
ORACLE	1/24/2009 2:02:24 AM PST
🛨 🦲 sub account1	1/23/2009 5:33:23 AM PST
TEST-PC	1/26/2009 10:11:24 PM PST
🕫 🧰 TESTSBS	1/27/2009 9:28:53 AM PST
• 🧰 Z	1/28/2009 1:41:31 AM PST
u[	

After selecting a folder in your IBackup account, you can schedule the backup for a future date or time with the various backup options provided.

On completion of the backup operation, the MS Exchange Server backed up data is stored under the IBackup for Windows Exchange Backup folder 'IBackupExchBackupset'.

**Note:** On successful backup of the MS Exchange Server databases to your IBackup account, the backed up MS Exchange Server resources are stored in the folder 'IBackupExchBackupset.' Do not manually update or delete files in that folder as it might impact the Exchange Server restore operation. Also, do not use the 'IBackupExchBackupset' as a destination folder for any other backup or restore operation. At any given point of time, you can maintain only one backup job named 'IBExchangeServerBkset.'



## **Exchange Server Restore**

The IBackup for Windows 'Exchange Server Restore' wizard guides you through a simple stepby-step approach to restore the MS Exchange Server 'Public Folder' store and the 'Mailbox' stores (Storage Groups/ Databases) from your IBackup account back to the MS Exchange Server.

The following steps must be performed before initiating the MS Exchange Server Restore operation:

#### **Dismount Databases**

**Step (i):** Start the MS Exchange System Manager from Start > Programs > Microsoft Exchange > System Manager.

**Step (ii):** Right-click on the `Public Folder' Store/ 'Mailbox' Store that you need to restore and choose the 'Dismount Store' option.



Step (iii): Right-click on the 'Public Folder' store/ Mailbox' store and choose the 'Properties' option.



**Step (iv):** Select the 'Database' tab from 'Properties' and enable the option 'This database can be overwritten by a restore.' Now, click 'Apply' followed by the 'OK' button to confirm the operation.

Details		Policies	S	ecurity
General	Database	Limits	Full-Te	ext Indexing
Exchange datab	ase:			
D:\Program File:	s\Exchsrvr\mdb	data\priv1.edb		Browse
Exchange stream	ning database:			
D:\Program File:	s\Exchsrvr\mdb	data\priv1.stm		Bro <u>w</u> se
Maintenance inte	ervat			
Run daily from 1	:00 AM to 5:00 /	AM	•	<u>C</u> ustomize
Time of last full b	ackup:			
2/24/2010 1:08	3 PM			
Time of last incre	mental backup:			
This type of bac	kup was never p	performed.		
Do not moun	t this store at sta	irt-up		
✓ This databas	e can be overwr	ritten by a restore		
			-	

Perform steps ii - iv mentioned above for all the databases that need to be restored.

**Note:** Once the steps mentioned are executed, it is recommend that you to close the 'MS Exchange System Manager,' before initiating the restore operation.

The restore operation will overwrite the existing databases on the MS Exchange Server. An offline backup of MS Exchange Server databases that needs to be restored is recommended.



Perform the below step before initiating the MS Exchange Server 2007 and 2010 restore operations:

**Step (i):** Start the MS Exchange Management Console from: Start > Programs > Microsoft Exchange Server 2007/2010 > Exchange Management Console.

**Step (ii):** Right-click the 'Public Folder'/ 'Mailbox' database that needs to be restore and choose the 'Dismount Database' option

#### MS Exchange Server 2007

Elle Action View Help							
+ → 🗈 🖪 🔮 🖬							
Mcrosoft Exchange	🗽 Mailbox	🎠 Mailbox					
Server Configuration	Create Filter	P Create Filter					
Maibox	Name +	ne + Role		Version			
Clent Access  Hub Transport  Unified Messaging  Recipient Configuration  Toolbox	BACKUP	Hub Transp	ort, Client Access, Maibox	Version 8.0 (Build 685.24)			
and tooley							
	La IBACKUP	Mi Mi					
	Database Manag	gement					
	Database Manag	gement	Database File Path		Status	Copy Sta	
	Database Manaj	gement   orage Group	Database File Path		Status	Copy Sta Disable	
	Database Manag Name First Str Mark	gement   orage Group ox Database	Database File Path	er pilvExchange Server/Mailcon/First	Status Mounted	Copy Sta Disable	
	Database Manag Name First Str Stevr	gement   orage Group ox Database e Store o Store DB	Database File Path Distagunt Database Move Database Path	and//Exchange Server/Maibox/Fint ch/Steve Store edb ch/Duble Store DB acth	Status Mounted Mounted	Copy Sta Disable	
	Database Manag Name Children Street Street Steven	gement orage Group ox Database e Store c Store DB Storage Grc	Database File Path CAReason Elevitider Disregunt Database Move Database Path Remove	ers/WExchange Server/Mailbox/Fint Stt∖Steve Store sdb stt/Public Store DB.edb	Status Mounted Mounted Mounted	Copy Sta Disable Disable	
	Database Manag Name Chine First Str Stev Stev Second	gement orage Group ox Database e Store c Store DB Storage Gro ss Store	Database File Path Disagunt Database Move Database Path Remoye	P///Exchange Server/Mailbox/First P//Steve Store edb p///Public Store DB.edb p///Exchange Server/Mailbox/Seco	Status Mounted Mounted Mounted	Copy Sta Disable Disable	
	Database Manag Name Chine First Str Steve Second	gement orage Group ox Database e Store c Store DB I Storage Gro is Store a Store	Database File Path Disagunt Database Move Database Path Remoye Properties	MVExchange Server/Mailbox/First M/Steve Store edb M/Public Store DB.edb M/Exchange Server/Mailbox/Seco M/Exchange Server/Mailbox/Seco	Status Mounted Mounted Mounted Mounted	Copy Sta Disable Disable	



### MS Exchange Server 2010

Microsoft Exchange	🚰 Mailbox			14 object	Actic	ms	
Microsoft Exchange On Premises (     Granization Configuration     Malibox     Glient Access     Mub Transport	Managed Defa Managed Folder Database Management PCreate Filter	ult Folders Malibox Policies Database Availability	olders Managed Custom Folders ilbox Policies Offline Address Book atabase Availability Groups Sharing Policies Address Lists				
Unified Messaging	a -	Detabase Etc. Dett.	Law Selder Balls	Manufacture	- 1	New Dat	
& Recipient Configuration     Toolbox	Public folder Digimedia Employees Horizon Microsys Systech	C: Program Files C: Program Files C: Program Files C: Program Files C: Program Files C: Program Files C: Program Files	C: Program Fie C: Program Fie C: Program Fie C: Program Fie C: Program Fie C: Program Fie	Mounted A Mounted Mounted Mounted Mounted Mounted Mounted		New Sha New Add New Ma New Ma	
	Earluna Move	ount Database Database Path	Yogram File	Mounted Mounted	-	New Offl	
	🚨 Mailbox Add M	failbox Database Copy.		1 objec	* 1	View	
	Database Cop Remo	we			a	Refresh	
	Database A Prope	rties	Copy	Status		Help	
	•			2	Mai	lbox Data.	

Step (iii): Right-click the 'Public Folder'/ 'Mailbox' database and choose the 'Properties' option.

**Step (iv):** Select the 'General' tab for 2007 Exchange Server and 'Maintenance' tab for 2010 Exchange Server from 'Properties' and then enable the option 'This database can be overwritten by a restore'. Next, click 'Apply' followed by the 'OK' button to confirm the operation.



### MS Exchange Server 2007

box Database Propert	ties Htings
Mailbox Databa	558
Database path:	C:\Program Files\Microsoft\Exchange Server\Mailt
Database copy path:	
Last full backup:	Thursday, May 31, 2007 5:09:09 PM
Last incremental backup	r.
Status:	Mounted
Modified:	Thursday, May 31, 2007 12:37:50 PM
☐ Journal Recipient ☐ Maintenance schedule:	Browse
Use Custom Schedule	Customize
Do not mount this da	tabase at startup
This database can be	e overwritten by a restore
	DK Cancel Apply Help



#### MS Exchange Server 2010

ieneral	Maintenance Limits Client Settings	
Γ.	ournal Recipient:	
Г		Browse
Maint	enance schedule:	
Use	Custom Schedule	Customize
L E	nable background database maintenance (24 x 7 ESE scar	ning)
Г	on't mount this database at startup	
VI	his database can be overwritten by a restore	

Perform steps iii - iv mentioned above for all the databases that need to be restored.

**Note:** Once the steps mentioned are executed, it is recommend that you to close the 'Exchange Management Console' before initiating the restore operation.

The restore operation will overwrite the existing databases on the MS Exchange Server. An offline backup of MS Exchange Server databases that needs to be restored is recommended.



### **Exchange Server Restore**

Once the databases are dismounted, login to the IBackup for Windows application.

From the application menu, go to Backup-Restore > Exchange Server > Exchange Server Restore.

File B	ackup-Restore Log	Tools	Help	
-	Restore			
<b>S</b>	SQL Server	,	Backup set Mrror	
wizai	Exchange Server	•	Exchange Server Backup	
	SharePoint Server	,	Exchange Server Restore	- × 🕰 🕻
Name	Oracle Server	,	Exchange Brick-Level Mailbox	
÷ [ + [	System State data	,	My IBackup	BA7
+ 2.	Pictures		+ MATTHE	.jpg



IBackup for Windows provides two options to restore the 'Public Folder' store and the 'Mailbox' stores (Storage Groups/ Databases) into your MS Exchange Server. These include:

MS Exchange Server Restore Wizard 💦 😵
Restore your MS Exchange Server 'Public Folder' and the 'Mailbox' stores (Storage Groups/ Databases) from your IBackup account to the MS Exchange Server
"Exchange Server Restore' wizard guides you with a simple step-by-step approach to restore the MS Exchange Server 'Public Folder' and the 'Mailbox' stores (Storage Groups/ Databases) from your IBackup account, back to the MS Exchange Server.
Mandatory steps before initiating the MS Exchange Server restore operation.
1. Start the MS Exchange System Manager from Start > Programs > Microsoft Exchange > "System Manager"
2. Right-click the 'Public Folder'/ 'Mailbox' store to be restored and choose the 'Dismount Store' option.
3. Right-click the 'Public Folder'/ Mailbox' store and choose the 'Properties' option.
4. Select 'Database' tab from 'Properties' and then enable the option 'This database can be overwritten by a restore'. Click Apply.
Note: Step 3 and 4 are essential for all the databases that need to be restored.
Exchange Server Restore Options
Restore the Exchange Server database-backup from your IBackup account to your MS Exchange Server.
C Restore the Exchange Server database-backup from your local computer to your MS Exchange Server.



#### **OPTION 1**

Restore the Exchange Server databases backup from your IBackup account to the MS Exchange Server.

#### Step 1

Select the IBackup for Windows Exchange Backup folder 'IBackupExchBackupset' from your IBackup account. To even restore a single storage group or database, you must restore the complete Exchange Backup folder named 'IBackupExchBackupset' from your IBackup account.

Select the files/folders to restore to your local mac	hine		
Name	Size	Modified Date	
= III IB My IBackup			-
		1/28/2009 3:44:44 AM P5T	
<ul> <li>IBackupExchBackupset</li> </ul>		1/28/2009 3:55:29 AM P5T	
😑 🔽 🔄 First Storage Group		1/28/2009 3:55:27 AM PST	
🕢 🔽 Log Files		1/28/2009 3:55:29 AM PST	
<ul> <li>Mailbox Store (TESTSBS)</li> </ul>		1/28/2009 3:55:27 AM PST	
Public Folder Store (TESTSBS)		1/28/2009 3:55:24 AM PST	
ExchBackupINI.ini	986.00 B	1/28/2009 3:55:29 AM PST	
Encrypted		1/28/2009 1:17:43 AM PST	
+ 🔲 🖬 E		1/27/2009 10:17:01 PM PST	
+ De Encrypted_Data		1/26/2009 10:20:25 PM PST	
+ BORACLEBackup		1/28/2009 2:52:16 AM P5T	-
ORACLE		1/24/2009 2:02:24 AM P5T	
+ mi sub account1		1/23/2009 5:33:23 AM P5T	
		1/26/2000 10:11:24 DM DET	-
	<	Rack <u>N</u> ext > <u>C</u> los	se





Select a folder under 'My Computer' to restore the Exchange Backup folder `IBackupExchBackupset' and then click on the 'Restore' button to initiate the 'Restore' process.

Vhere to Restore?	2
Select a folder/drive under "My Computer' to restore the s	elected files/folders to it
Name	Modified Date
Corporate comp	1/31/2010 3:24:18 AM
Gez9/c2fafde91bed18c/cd92	12/29/2009 7:20:12 AM
cygwin_legacy_setup	2/4/2010 8:16:14 PM
Data	2/22/2010 3:41:09 PM
Documents and Settings	2/16/2010 1:32:17 PM
Exchange Server Data	2/22/2010 3:40:26 PM
	2/22/2010 12:32:17 PM
Corporate datas	2/19/2010 0:29:32 PM
James	2/22/2010 3:26:29 PM
+ _ Maria	2/22/2010 3:26:16 PM
Contraction of the second seco	2/22/2010 3:30:10 PM
Grade Backup	1/13/2010 5:38:04 AM
Oracle backup	the second se
	<u> </u>
	<back bestore="" close<="" td=""></back>



After restoring the Exchange Backup folder 'IBackupExchBackupset' on your local computer, the following 'Exchange Server Restore' screen is displayed. Here, 'Browse' to select a temporary location.

Exchange Server Restore	? 🔀
Select the Public Folder Store/Mailbox Stores to be restored to your Exchange Server	
Select the Exchange Backup folder 'BackupExchbackupset'       D:\Exchange Server Data\IBackupExchbackupset         Select a temporary location for the restore operation       D:\Exchange Temp	Browse Browse
Name     Size     Modified Date <ul> <li>Exchange Bakupset Files</li> <li>ExchangeBackupset</li> <li>First Storage Group</li> <li>Mailbox Store (MJOHN)</li> <li>2/19/2010 6:55:38</li> <li>Public Folder Store (MJOHN)</li> <li>2/19/2010 6:55:38</li> </ul>	
Restore	Close





The temporary location is used to hold the MS Exchange Server related files to run the 'Hard Recovery.'

Browse My Computer			
Select a folder to be u	used as a temporary location for t	he Exchange Server restore o	peration
Name	Size	Modified Date	
🔹 🦲 My Desktop			
<ul> <li>My Documents</li> </ul>			
🔹 🦲 Favorites			
🔹 🦲 Outlook Express			
My Computer			
+ 🖃 A			
• 🖃 C			
• 🖃 D			
🗉 🖃 E			
💌 🚍 F			
💽 📻 G			
• 🖃 H			-
		<u> </u>	lose

#### Step 4

On the 'Exchange Server Restore' Wizard, select the required databases and click the 'Restore' button to initiate the MS Exchange Server restore operation. The restore process from your local computer to the MS Exchange Server will take some time, depending upon the file size.

#### **Note**: Do not interrupt the restore operation.

On completion of MS Exchange Server restore, the restored databases (the 'Public Folder' store/ Mailbox' stores) are automatically mounted to the MS Exchange System Manager.



#### **OPTION 2**

Restore the MS Exchange Server databases backup from your local computer to the MS Exchange Server.

#### Step 1

Select the option 'Restore the Exchange Server database backup from your local computer to your MS Exchange Server' option from the 'MS Exchange Server Restore Wizard' and click the 'Next' button.

Restore your MS Exchange Server 'Public Folder' and the 'Mailbox' stores (Storage Grou Databases) from your IBackup account to the MS Exchange Server     Exchange Server Restore' wizard guides you with a simple step-by-step approach to restore the MS E Folder' and the 'Mailbox' stores (Storage Groups/ Databases) from your IBackup account, back to the M	ups/
"Exchange Server Restore' wizard guides you with a simple step-by-step approach to restore the MS E Folder' and the 'Mailbox' stores (Storage Groups/ Databases) from your IBackup account, back to the M	
	xchange Server Public S Exchange Server.
Mandatory steps before initiating the MS Exchange Server restore operation.	
1. Start the MS Exchange System Manager from Start > Programs > Microsoft Exchange > "System Mar	nager'
2. Right-click the Public Folder'/ 'Mailbox' store to be restored and choose the 'Dismount Store' option.	
3. Right-click the 'Public Folder'/ Mailbox' store and choose the 'Properties' option.	
4. Select 'Database' tab from 'Properties' and then enable the option 'This database can be overwritten i	by a restore'. Click Apply.
Note: Step 3 and 4 are essential for all the databases that need to be restored.	
Exchange Server Restore Options	
C Restore the Exchange Server database-backup from your IBackup account to your MS Exchange S	erver.
Restore the Exchange Server database-backup from your local computer to your MS Exchange Ser	ver.

#### Step 2

'Browse' to select the IBackup for Windows Exchange Backup folder 'IBackupExchBackupset' from your local computer (The location where the Exchange Server backup folder 'IBackupExchBackupset' was restored earlier from your IBackup account).

'Browse' to select a temporary location for the MS Exchange Server related files, to be used to run the 'Hard Recovery' during the restore operation.



Exchange	e Server Restore				? 🔀
	Select the Public Folder Store Mailbox	Stores to	be restored to your Exch	ange Server	
Select th	e Exchange Backup folder "BackupExchb	ackupset'	C:\Documents and Setti	ngs\Administrator\Deskto	Browse
S	elect a temporary location for the restore of	operation	C:\Documents and Setti	ngs\Administrator\Deskto	Brow <u>s</u> e
Name		Size	Modified Date		
	Exchange Bakupset Files  ExchangeBackupset  ExchangeBackupset  First Storage Group  First Storage Group  First Storage Group  First Public Store (TESTSBS)  First Public Folder Public Folder Store (TESTSBS)  First Public Folder	)	1/28/2009 5:25:27 1/28/2009 5:25:27 1/28/2009 5:25:24		
				Restore	Close

Next, select the required databases and click the 'Restore' button to initiate the MS Exchange Server restore operation. The restore process (restore from the 'local computer' to the 'MS Exchange Server') will take sometime (depending upon your restore file size).

#### **Note:** Do not to interrupt the restore operation.

On successful completion of MS Exchange Server restore, the restored databases (the 'Public Folder' store/ Mailbox' stores) would be automatically mounted on the MS Exchange System Manager.



## **Exchange Brick-Level Mailbox Backup**

IBackup for Windows provides an easy, secure, and a reliable way to backup individual mailboxes on the MS Exchange Server Store to your IBackup account with the 'Exchange Brick-Level Mailbox Backup' feature. The application backs up the contents of the selected mailbox or mailboxes to a Personal Folder (.PST) file that can be accessed using Microsoft Outlook at any point of time.

The IBackup for Windows 'Exchange Brick-Level Mailbox Backup' is designed to perform the backup of individual mailboxes or an individual e-mail to a Personal Folder (.PST) file for the selected mailbox store. This is not a method for complete backup (or recovery) of the Exchange Server databases.

Also ensure that appropriate Mailbox Rights have been granted to perform the 'Exchange Brick-Level Mailbox Backup' of selected mailbox or mailboxes.

#### Features:

- Performs online backup of individual Mailboxes for the selected Mailbox stores without interrupting the running MS Exchange Server services
- > Backups can be scheduled for a future date and time with various scheduling options
- Secured data transmission and storage using 256-bit AES encryption
- Restore 30 previous versions of backed up files
- Provision to retrieve deleted files from Trash within a 30 day period
- Easy-to-use wizards for scheduling the backup job
- Email and Desktop notifications on completion of backup
- Session based logs of backup activities



To backup MS Exchange Server Mailboxes to your IBackup account, follow the steps given below:

#### Step 1

Login to IBackup for Windows. In the IBackup for Windows main screen that appears, click on the 'Exchange Server Backup' option from the main menu item, 'Backup-Restore' > 'Exchange Server' > 'Exchange Brick-Level Mailbox > 'Backup'.







Select the individual mailboxes that you wish to backup to your IBackup account from the MS Exchange Server.

Exchange Server Mail Backup	22 🔀
Select the mailbox(es) for the Exchange Brick Level Mailbox back	kup
Main         Image: First Storage Group         Image: First Storage Gro	Backup all the Messages         Date wise         From Date       01/29/2010 17:51:28         To Date       01/29/2010 17:51:28         Message Details         (Enter the Attachment name)         (Enter the Message Subject)         Search Oriteria         Sub string match         Import Procedure

#### Step 3

Click on the 'Browse' button to choose a temporary location on your local computer to store the selected MS Exchange Server mailboxes as a Personal Folder (.PST) file.

**Note:** Ensure that the selected temporary location on your computer has sufficient free space to hold the contents of individual mailboxes of MS Exchange Server. You are not allowed to select the temporary location on the remote location.





While selecting mailboxes for backups, you can customize your selection based on the following criteria.

1) Backup all the messages: By default, the 'Backup all the messages' option will be enabled. If you choose this option, the whole mailbox contents will be backed up.

2) Based on Date: This option allows you to select messages belonging to a specified date and time or between a particular date and time.

3) Based on subject and attachment: You can also select messages based on the subject or attachment.

4) Select individual mailbox folders: Click on this button to choose mailbox folders such as 'Inbox', 'Sent Items', 'Deleted Items', 'Calendars', 'Tasks', 'Journals' etc. that you wish to backup. Only the selected folders will be processed and all others will be ignored.

#### Step 5

Click on the 'Backup now' button to select a destination directory on your IBackup account and to set an immediate schedule job. Or click on the 'Next' button to select a destination directory on your IBackup account and then schedule the backup for a future date or time with the scheduling options provided on the 'Scheduler Wizard'.



## **Exchange Brick-Level Mailbox Restore**

IBackup for Windows provides an easy, secure, and a reliable way to restore individual emails/messages from a Personal Folder (.PST) file to the MS Exchange Server Store through the 'Exchange Brick-Level Mailbox Restore'. The application restores the contents of the selected Personal Folder (.PST) file to a corresponding Exchange Server Mailbox.

The IBackup for Windows 'Exchange Brick-Level Mailbox Restore' is designed to perform the restore of individual e-mails/messages from a Personal Folder (.PST) file to the selected Exchange Server Mailbox.

**Note:** Ensure that appropriate 'Mailbox Rights' have been granted to perform the 'Exchange Brick-Level Mailbox Restore' of selected mailbox.

#### **Restoring MS Exchange Server Mailboxes**

To restore individual e-mails/messages from your Personal Folder (.PST) file to your Exchange Server Mailbox store, follow the steps given below:

#### Step 1

Login to IBackup for Windows > the IBackup for Windows main screen appears > click on the 'Exchange Server' option from the main menu item 'Backup-Restore' > 'Exchange Brick-Level Mailbox' > select 'Restore'.







Click on the 'Browse' button and select the Personal Folder (.PST) file that you wish to restore to your Exchange Server Mailbox.

Exchange Server Mailbox Restore	<b></b>
Select the mailbox(es) for the Exchange Brick Level Mailbox i	restore
Main MJOHN Milbox Store (MJOHN) Mailbox Store (MJOHN) Administrator Martin Randel Grain Smith Steve GJ Williams Second Storage droup	
Select the PST file for Restore	Select the roders that you wish to backup
C:\/Backup_Brick\Administrator.pst Browse	Import Procedure

#### Step 3

Select the Exchange Server Mailbox where you wish to restore the e-mails from your Personal Folder (.PST) file.





You can use any of the following options to restore the e-mails/messages from your Personal Folder (.PST) file:

- Restore all the messages: This option will be enabled by default. Leaving this option selected will restore the whole Personal Folder (.PST) file contents to your Exchange Server store.
- Based on Date: This option allows you to select emails of a specified date and time or emails/messages falling between a particular date and time.
- Based on subject and attachment: This option allows you to select e-mails/messages based on the subject or attachment.
- Select individual mailbox folders: This option allows you select folders such as 'Inbox', 'Sent Items', 'Deleted Items', 'Calendars', 'Tasks', 'Journals' etc. that you wish to restore. Only the selected folders would be processed and all the others would be ignored.

#### Import procedures:

- Copy data into Exchange store: If you select this option, the application will copy the e-mail/message to the Exchange store even when the e-mail/message exists. As a result, duplicate e-mails/messages are created in the Exchange store.
- Merge data into the Exchange store: If you select this option, the application would check whether the copied e-mail/message already exists in the Exchange store. If so, then the e-mail/message would not be copied on restore.
- Replace existing data in Exchange store: If you select this option, the application will check whether the copied e-mail/message already exists in the Exchange store. If so, the e-mail/message is first deleted from the Exchange store and then copied.



nore all the Messages
10.17:43.09
ig in 10.17:43:09
Import Procedure

### Step 5



Click on the 'Restore' button to initiate the Exchange Server Brick-Level restore operation. You can view the log details of the restore process by clicking on the 'View Log' button that appears once the restore operation is complete, irrespective of its success or failure.



## **Troubleshooting Tips**

The following are a few troubleshooting tips that could resolve the minor problems you might encounter while using the IBackup for Windows application.

- MS Exchange Server 2000 users must have Service pack 3 or later installed in their machines to perform backup/restore of MS Exchange Server 2000 databases.
- Make sure that no other application (e.g. backup application) is communicating with the MS Exchange Server databases for backup/restore operations, while you perform the backup/restore operations using IBackup for Windows.
- Strictly follow the guidelines provided in this manual to restore MS Exchange Server databases.
- It is not recommended to update/delete files manually in the backup set folder (i.e, 'IBackupExchBackupset' folder).
- MS Exchange Server databases should be mounted, while the backup operation is in progress.
- MS Exchange Server databases should be dismounted, while the restore operation is in progress.



## **IBackup Support**

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