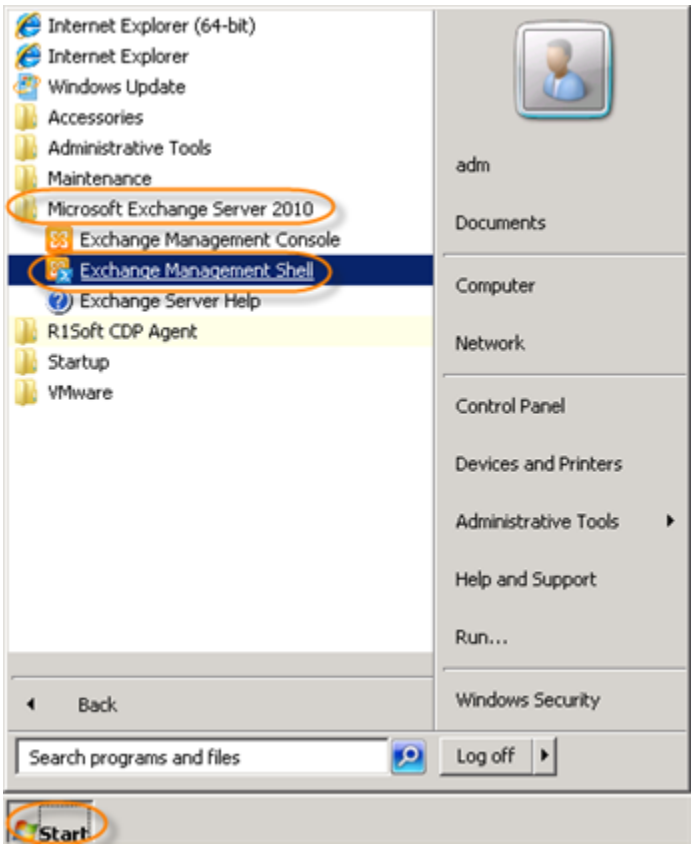
Recovering a Mailbox from MS Exchange 2010

1. Create a Recovery Database | 2. Use CDP Restore | 3. Mount the Recovery Database

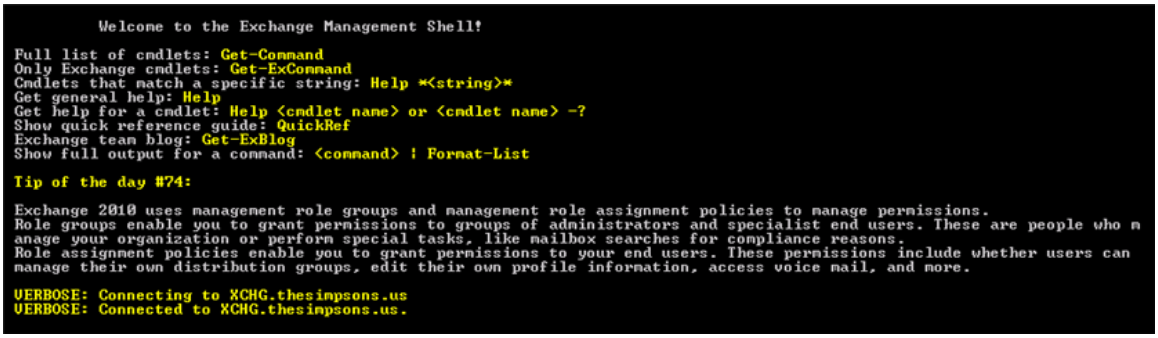
1. Create a Recovery Database

To recover mailboxes, create a recovery database as described below.

1. Launch the Exchange Management Shell to restore the mailbox. Go to Start › (All) Programs › Microsoft Exchange Server 2010 Exchange Management Shell.



2. The Exchange Management Shell screen will open.



3. Use the `New-MailboxDatabase` command to create a mailbox database object in the database container in the Active Directory. For detailed syntax and parameter information, see http://msdn.microsoft.com/en-us/library/aa997976(v=EXCHG.140).aspx.

In our example, we restore the `C:\test\RecoveryDB.edb` file using the following command:

```
New-MailboxDatabase -Recovery -Name RecoveryDB -Server XCHG -EdbFilePath C:\test\RecoveryDB.edb -LogFolderPath C:\test\logs
```

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2. Use CDP Restore

Use CDP to restore a Microsoft Exchange 2010 Mailbox to an alternate location. See details in Restoring a Microsoft Exchange 2010 Database to an Alternate Location.

> **Notice**
> Use the database created above to map against the Recovery Point Exchange database.

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3. Mount the Recovery Database

Mount the database if it was not already mounted by the CDP alternate restore.

To mount "RecoveryDB," use the `Mount-Database` command. For detailed syntax and parameter information, see http://msdn.microsoft.com/en-us/library/aa998871(v=EXCHG.140).aspx. In our example, we use the following command:

```
Mount-Database "RecoveryDB"
```

1. Use the `Get-MailboxStatistics` command to obtain information about a mailbox, such as the size of the mailbox, the number of messages it contains, and the last time it was accessed.

For detailed syntax and parameter information, see http://msdn.microsoft.com/en-us/library/bb124612%28ru-ru,EXCHG.140%29.aspx.

```
[PS] C:\Windows\system32>Get-MailboxStatistics -Database RecoveryDB

DisplayName                ItemCount    StorageLimitStatus                LastLogonTime
-----------                ---------    ------------------                -------------
Homer J. Simpson           9            BelowLimit                        2/17/2011 6:32:51 PM
SystemMailbox{d7fe3a75...  1            BelowLimit
Marge Simpson              11           BelowLimit                        2/17/2011 6:28:04 PM
Bart Simpson               11           BelowLimit                        2/17/2011 6:36:54 PM
Lisa Simpson               9            BelowLimit                        2/17/2011 6:39:35 PM
Microsoft Exchange         2            NoChecking
```

2. Extract mailbox content from a restored database using the "`Restore-Mailbox`" command. The `-RecoveryDatabase` parameter specifies the recovery database from which you are restoring the mailbox. In the following example, we restore a "MargeSimpson" mailbox. More parameters for "`Restore-Mailbox`" can be found here: http://msdn.microsoft.com/en-us/library/bb125218.aspx

Restore-Mailbox -Identity MargeSimpson -RecoveryDatabase RecoveryDB

```
[PS] C:\Windows\system32>Restore-Mailbox -Identity MargeSimpson -RecoveryDatabase RecoveryDB

Confirm
Are you sure you want to perform this action?
Recovering mailbox content from mailbox 'Marge Simpson' in the recovery database 'RecoveryDB' to the mailbox for 'Marge
 Simpson (MargeSimpson@thesimpsons.us)'. This operation may take a long time to complete.
[Y] Yes  [A] Yes to All  [N] No  [L] No to All  [?] Help (default is "Y"):


RunspaceId                      : 3c398258-d268-47b9-b987-9ed0d96323f0
Identity                        : thesimpsons.us/Users/Marge Simpson
DistinguishedName               : CN=Marge Simpson,CN=Users,DC=thesimpsons,DC=us
DisplayName                     : Marge Simpson
Alias                           : MargeSimpson
LegacyExchangeDN                : /o=Springfield/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=M
                                  arge Simpson
PrimarySmtpAddress              : MargeSimpson@thesimpsons.us
SourceServer                    : XCHG.thesimpsons.us
SourceDatabase                  : RecoveryDB
SourceGlobalCatalog             : ADC
SourceDomainController          :
TargetGlobalCatalog             : ADC
TargetDomainController          :
TargetMailbox                   : thesimpsons.us/Users/Marge Simpson
SourceForestCredential          :
TargetForestCredential          :
TargetFolder                    :
PSTFilePath                     :
RecoveryMailboxGuid             : aa9de695-c54b-4589-82f5-645887a4c2a4
RecoveryMailboxLegacyExchangeDN : /O=SPRINGFIELD/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=M
                                  ARGE SIMPSON
RecoveryMailboxDisplayName      : Marge Simpson
RecoveryDatabaseGuid            : 859452dd-f5ec-45bd-8765-415f24d6708c
StandardMessagesDeleted         : 0
AssociatedMessagesDeleted       : 0
DumpsterMessagesDeleted         : 0
MoveType                        : Restore
MoveStage                       : Completed
StartTime                       : 2/18/2011 6:08:05 PM
EndTime                         : 2/18/2011 6:08:07 PM
StatusCode                      : 0
StatusMessage                   : This mailbox in the recovery database has been restored to the target user mailbox.
ReportFile                      : C:\Program Files\Microsoft\Exchange Server\V14\Logging\MigrationLogs\restore-Mailbox
                                  20110218-180800-8313482.xml
ServerName                      : XCHG.thesimpsons.us
```