

Exchange Daily Admin Tasks using PowerShell (EMS)

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Exchange Daily Admin Tasks using PowerShell (EMS)

These papers help system admins to do most Exchange Server daily tasks through Exchange Management Shell (EMS) in a fast and easy way.

Domain Name: **abdelwahed.me**

[Get all CAS Servers available in Exchange Organization](#)

```
Get-ClientAccessServer
```

[Get all MailBox Servers that available in Exchange Organization](#)

```
Get-MailboxServer
```

[Get all mailbox DataBase that available in Exchange Organization](#)

```
Get-Mailboxdatabase
```

[Disable autodiscover service connection point](#)

```
Set-ClientAccessServer -AutoDiscoverServiceInternalUri $Null
```

[Add new autodiscover service connection point](#)

```
Set-ClientAccessServer -AutoDiscoverServiceInternalUri https://mail.abdelwahed.me/autodiscover/autodiscover.xml
```

[Move Exchange 2013 Default DB path \(HRDB\)](#)

```
Move-DatabasePath "HRDB" -EdbFilePath "E:\HR\HRDB.edb" -LogFolderPath "F:\HRDB"
```

[Exclude Specific DB from Random Selection](#)

```
Set-MailboxDatabase itdb -IsExcludedFromProvisioning $true
```

[Create new mailbox DB \(ITDB\)](#)

```
new-mailboxdatabase -Server "EX01" -Name 'ITDB' -EdbFilePath 'E:\ITDB\ITDB.edb' -LogFolderPath "E:\ITLOG\ExchangeLogs"
```

```
mount-database -Identity 'ITDB'
```

[Dismount DB](#)

```
Dismount-Database -Identity ITDB
```

[Get Mailbox Database full info](#)

```
Get-MailboxDatabase -Identity ITDB | fl
```

[Get Mailbox Database some info](#)

```
Get-MailboxDatabase -Identity "ITDB" | fl name, guid, edbfilepath, logfolderpath
```

[Get Mailbox Statistics](#)

```
Get-MailboxStatistics -Database ITDB | fl -AutoSize
```

Exchange Daily Admin Tasks using PowerShell (EMS)

[Check all Active Directory users](#)

```
Get-user
```

[Check active directory users that have email account](#)

```
Get-Mailbox
```

[Create Mailbox for existing active directory user in specific database \(ITDB\)](#)

```
Enable-Mailbox user01@abdelwahed.me -Database ITDB
```

[Get Mailbox full info](#)

```
Get-Mailbox -Identity user01 | fl
```

[Create users mailboxes for all users in the IT OU in ITDB](#)

```
Get-user -organizationalunit IT | enable-mailbox -database ITDB
```

[Create users mailboxes for all Active Directory users in specific database \(DB1\)](#)

```
Get-user | enable-mailbox -database DB1
```

[Export all mailboxes to CSV file](#)

```
Get-Mailbox | select Name,WindowsEmailAddress,database | export-csv c:\alluser.csv
```

[Limit send and receive message size for specific user](#)

```
Set-Mailbox "user02" -MaxSendSize 25mb -MaxReceiveSize 35mb
```

[Limit send and receive message size for all mailbox in the server](#)

```
Get-Mailbox -Server "EX01" | Set-Mailbox -MaxSendSize 15mb -MaxReceiveSize 30mb
```

[Set Send / receive prohibit \(Mailbox size 5 GB\) for all mailboxes in specific Database](#)

```
Set-database "IT" -prohibitsend 5gb
```

[Disable OWA access](#)

```
Set-CASMailbox -Identity "IT01" -OWAEnabled $false
```

[Enable Archiving](#)

```
Get-Mailbox it01 | Enable-Mailbox -Archive -ArchiveDatabase ArchiveDB
```

[Assign user permission to access different mail folders](#)

```
Add-MailboxFolderPermission -Identity it01@abdelwahed.me:\inbox\ -user admin@abdelwahed.me -AccessRights Reviewer/Owner/Contributor
```

[Remove the user's \(admin\) full access permission from the mailbox \(it01\)](#)

```
Remove-MailboxPermission -Identity it01@abdelwahed.me -User admin@abdelwahed.me
```

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[Grant full access permissions to the user \(admin\) on the mailbox \(it01\) with automapping disabled](#)

```
Add-MailboxPermission -Identity it01@abdelwahed.me -User admin@abdelwahed.me -AccessRights FullAccess -AutoMapping $false
```

[Enable exiting Distribution and security group \(Universal\)](#)

```
Enable-DistributionGroup -Identity hr_gr
```

[Create Dynamic Distribution Group that contains all recipients who have a Department equals "HR" or "IT"](#)

```
New-DynamicDistributionGroup -Name "HR Group" -IncludedRecipients "MailboxUsers,MailContacts" -ConditionalDepartment "IT","HR"
```

[Get and Create Offline Address Book](#)

```
Get-OfflineAddressBook
```

```
New-OfflineAddressBook -Name "OAB-FAB" -AddressLists "Global Address List FAB"
```

```
Get-OfflineAddressBook
```

```
Get-OfflineAddressBook "OAB-FAB" | Update-offlineAddressBook
```

[Hide specific Mailbox from GAL](#)

```
Set-Mailbox -Identity User@abdelwahed.me -HiddenFromAddressListsEnabled $true
```

[Enable Single Item Recovery for all mailboxes within 30 days](#)

```
Get-Mailbox ahmed | Set-Mailbox -SingleItemRecoveryEnabled $true -RetainDeletedItemsFor 30
```

[Recover deleted single item](#)

```
Search-mailbox "discovery search mailbox" -targetmailbox "ahmed" -targetfolder "Ahmed data"
```

[Disable \(disconnect\) user mailbox](#)

```
Disable-Mailbox user03@abdelwahed.me
```

[Disconnect all Mailboxes in HRDB](#)

```
Get-Mailbox -Database hrdb | Disable-Mailbox
```

[Connect disconnected or deleted mailbox to empty different user](#)

```
Connect-Mailbox -Identity "it03" -Database mb01 -User "it04"
```

[Recover deleted Mailbox from Recovery DB](#)

Create Recovery DB from restored DB

```
New-MailboxDatabase -Recovery -Name RDB -EdbFilePath "E:\DB\ITDB\ITDB.edb" -LogFolderPath "E:\DB\ITDB" -Server Mail01
```

[Restart Exchange information service](#)

```
Restart-service msexchangeis
```

Exchange Daily Admin Tasks using PowerShell (EMS)

Check DB shutdown state

```
eseutil /mh "E:\DB\ITDB\ITDB.edb"
```

Clean Dirty shutdown state

```
eseutil /r E00 /l "E:\DB\ITDB" /d "E:\DB\ITDB"
```

Mount Recovery DB

```
Mount-Database RDB
```

Restore Ahmed mailbox to his mailbox

```
New-MailboxRestoreRequest -SourceDatabase RDB -SourceStoreMailbox "ahmed" -TargetMailbox ahmed
```

Restore Deleted MB (ahmed) to another exiting user mailbox (administrator)

```
New-MailboxRestoreRequest -SourceDatabase " RecoveryDB" -TargetRootFolder "Ahmed Data" -SourceStoreMailbox "ahmed" -AllowLegacyDNMismatch -TargetMailbox "administrator"
```

[Remove Mailbox for all users in Sales OU](#)

```
Get-User -OrganizationalUnit sales | Remove-Mailbox
```

[Remove the mailbox and the Active Directory user account \(saved by default 30 days\)](#)

```
Remove-Mailbox -Identity "ahmed"
```

[Remove all mailbox in Exchange organization with linked Active Directory user accounts](#)

```
Get-Mailbox | Remove-Mailbox
```

[Update Retention Policies](#)

```
Start-ManagedFolderAssistant -Identity "ahmed"
```

[Check Exchange Health](#)

```
Get-ExchangeSearch | fl
```

```
Test-ReplicationHealth
```

```
Test-ReplicationHealth -Identity Mail01
```

```
Test-SystemHealth
```

```
Test-ServiceHealth
```

```
Test-ServiceHealth -Server Email01
```