

Exchange Online - PowerShell Quick Reference (v 1.01)

User Mailboxes

Mailbox Management

Connect, Disable, Enable, Get, New, Remove, Set-Mailbox

List all mailboxes in Exchange environment:

Get-ExoMailbox -ResultSize Unlimited

List all mailboxes in OU, Database or Server:

Get-ExoMailbox -Database "<database name>" / Get-Mailbox -Server <Server>

Create New Mailbox

New-Mailbox Damian -password p@ssword -UserPrincipalName damian@domain.com

Create new mailbox for existing user:

Enable-Mailbox -Identity <user>

Disable mailbox (not delete):

Disable-Mailbox -Identity Dom.Rigel -Confirm:\$False

Remove mailbox (deletes Active Directory user object):

Remove-Mailbox -Identity Dom.Rigel -Confirm:\$False

Other Mailbox Management Cmdlets

A variety of cmdlets and options exists to manage mailboxes. Some are listed below:

Set mailbox quotas

Set-Mailbox administrator -IssueWarningQuota 8GB -ProhibitSendQuota 10GB -

ProhibitSendReceiveQuota 12GB

Set users Out of Office:

Set-MailboxAutoReplyConfiguration Administrator -AutoReplyState Enabled

Set user's Junk Mail configuration:

Set-MailboxJunkEmailConfiguration -Identity Gene.Ricks@Domain.Com -

TrustedSendersAndDomains fabrikam.com

Get-MailboxJunkEmailConfiguration -Identity Gene.Ricks@Domain.Com

Configure mailbox regional settings:

Set-MailboxRegionalConfiguration -Identity "Hans de Vries" -Language nl-nl -DateFormat

"dd-MM-yy" -LocalizeDefaultFolderName -TimeZone "W. Europe Standard Time"

Mailbox Sizes

Get-ExoMailbox | Get-MailboxStatistics | Ft Name,TotalItemSize

Add a retention policy to an existing mailbox

Set-Mailbox Damian -RetentionPolicy 'Corporate Retention Policy'

Manage Mailbox Folder Settings

List folder permissions (Calendar in this case):

Get-MailboxFolderPermission Damian:\Calendar

Add permissions to a folder

Add-MailboxFolderPermission 'Damian:\Contacts' -User John -AccessRights Editor

Remove an existing folder permission:

Add-MailboxFolderPermission 'Damian:\Calendar' -User Administrator

Modify existing Folder permissions:

Set-MailboxFolderPermission 'Damian:\Contacts' -User John -AccessRights FullAccess

Mailbox Operations

Get-MailboxAutoReplyConfiguration Ann.Ples

Set-MailboxAutoReplyConfiguration -Identity

Ann.Ples -AutoReplyState Enabled

-InternalMessage "I'm currently out of office."

Enable-MailboxQuarantine

Disable-MailboxQuarantine

ExO v3 PowerShell Module

Installation

Install-Module ExchangeOnlineManagement

Importing

Import-Module ExchangeOnlineManagement

Connecting

Connect-Exchange Online

Find Cmdlets

Get-Command | Where Source -Like tmp*

Get Help for One Cmdlet:

Get-Help <cmdlet> <operator>

(i.e.) Get-Help Get-ExoMailbox -Full

Connect with Certificate Based Authentication (CBA)

\$Thumbprint = '4EA949DEB99BFDD75D9E881D8242075DFEAEF805'

\$AppID = 0e339446-579e-4a49-b5e0-a9c155f206b5'

\$Org = 'tenantdomain.onmicrosoft.com'

Connect-ExchangeOnline -CertificateThumbPrint \$Thumbprint -AppID \$AppID -Organization \$Org

Archive Mailboxes

Archive Mailbox Management

Managing Archive mailboxes uses the same cmdlets as a regular mailbox, but requires the '-Archive' switch. Sample tasks for archive mailboxes:

Find all archive mailboxes:

Get-ExoMailbox -Archive -ResultSize Unlimited

Find archive mailboxes in a specific database:

Get-ExoMailbox -Database "<database name>" -Archive

Find archive mailboxes on a specific server:

Get-ExoMailbox -Server <Server> -Archive

Change Settings (Location)

Set-Mailbox -Archive

Add an archive:

Enable-Mailbox Administrator -Archive / Enable-Mailbox -Identity Administrator -Archive

Remove a user's archive:

Remove-Mailbox -Archive

Get-Mailbox <user> -Archive | Remove-Mailbox

Archive Quota Settings

Set-Mailbox <user> -ArchiveQuota 10GB -ArchiveWarningQuota 9GB

Archive mailbox sizes:

Get-Mailbox -Archive | Get-MailboxStatistics | Ft Name,TotalItemSize

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Distribution Groups

Distribution Groups in Exchange 2019 come in two different varieties – Dynamic and Static and can be used for groups of users or rooms.
** (Examples separated by '/') **

Distribution Groups

```
Disable-DistributionGroup 'Temp Workers – Satellite Office 4 – Summer 2023'  
Enable-DistributionGroup 'Temp Workers – Satellite Office 1'  
Get-DistributionGroup -ManagedBy Damian / Get-DistributionGroup Sales* / Get-DistributionGroup -OrganizationalUnit Users  
New-DistributionGroup -Name 'Help Desk Operators' / New-DistributionGroup -Name 'Admins' -Type Security  
Remove-DistributionGroup 'Help Desk Operators' / Get-DistributionGroup Test* | Remove-DistributionGroup  
Set-DistributionGroup 'HR Department' -MaxReceiveSize 10MB -MailTip 'HR is limited to 10MB emails'
```

Dynamic Distribution Groups

```
Get-DynamicDistributionGroup / Get-DynamicDistributionGroup -OrganizationUnit 'Groups'  
New-DynamicDistributionGroup -Name 'Chicago Office' -RecipientFilter {(RecipientType -eq 'UserMailbox') -and (Office -eq 'Chicago')}  
New-DynamicDistributionGroup -Name 'Executives' -RecipientFilter {(RecipientType -eq 'UserMailbox') -and (CustomAttribute1 -eq 'Exec')}  
Remove-DynamicDistributionGroup 'Chicago Office'  
Set-DynamicDistributionGroup 'Executives' -ManagedBy 'Bert'
```

Distribution Group Membership

```
Add-DistributionGroupMember -Identity 'Research Group' -Member FSJurgeon  
$Members = Get-DistributionGroupMember -Identity $Group  
Remove-DistributionGroupMember 'Help Desk' -Member Damian  
Get-DistributionGroup Test* | Remove-DistributionGroupMember -Member Damian  
Update-DistributionGroupMember -Identity 'IT Department' -Members Sam,Donna,Frank,Dave
```

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Helpful Tips

Use tab to autocomplete cmdlets
Tab through parameters to see all available
Check for latest module version
Read latest Microsoft Docs for Exchange
Read Exchange MVP blogs for more tips



Exchange Online PowerShell Book – <https://www.PracticalPowershell.com>

Room Lists

Room lists are special Distribution Groups in Exchange to organize groups of rooms for Outlook users when they search for rooms.

Create Room List based on Rooms with a particular name:

```
$Members = Get-Mailbox -Filter {Name -Like "Chicago*"} | Where {$_.RecipientTypeDetails -eq "RoomMailbox"}  
New-DistributionGroup -Name "ChicagoMeetingRooms" -DisplayName "Chicago Meeting Rooms" -RoomList -Members $Members
```

Create Room List based on Rooms located in one physical location:

```
$Members = Get-Mailbox -Filter {Office -eq "Headquarters"} | Where {$_.RecipientTypeDetails -eq "RoomMailbox"}  
New-DistributionGroup -Name "HeadquartersMeetingRooms" -DisplayName "Headquarters Meeting Rooms" -RoomList -Members  
$Members
```

Display all Room Lists:

```
Get-DistributionGroup -RecipientTypeDetails RoomList
```

More On PowerShell

Windows PowerShell Blog

devblogs.microsoft.com/powershell-community/

Script Center

technet.microsoft.com/scriptcenter

PowerShell Blog

www.powershellgeek.com

PowerShell Team – GitHub

github.com/powershell

Documentation: <https://docs.microsoft.com/en-us/powershell/exchange/exchange-online/exchange-online-powershell>

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Non-User Mailboxes

Room Mailboxes

```
Get-Mailbox -RecipientTypeDetails 'RoomMailbox'  
Get-Mailbox *ConferenceRoom* -RecipientTypeDetails RoomMailbox  
New-Mailbox 'Large Conference Room' -Room -ResourceCapacity 100  
Remove-Mailbox 'Large conference Room'  
Get-Mailbox *Chicago* -RecipientTypeDetails RoomMailbox | Remove-Mailbox  
Set-Mailbox 'Medium Conference Room' -LitigationHoldEnabled $True -Capacity 55  
Disable-Mailbox 'Small Conference Room'  
Enable-Mailbox 'Small Conference Room'  
Set-CalendarProcessing LargeConferenceRoom -AutomateProcessing AutoAccept
```

Equipment Mailboxes

```
Get-Mailbox -Filter {RecipientTypeDetails -eq "EquipmentMailbox"}  
New-Mailbox Projector1 -Equipment  
Set-Mailbox Projector1 -ModerationEnabled $True -ModeratedBy Damian
```

Shared Mailboxes

Shared mailboxes are special mailboxes where users have access to the mailbox, but the AD Account is disabled, preventing direct login/mailbox access.

```
Get-Mailbox -Filter {RecipientTypeDetails -eq "SharedMailbox"}.  
New-Mailbox 'Suggestion Box' -Shared  
Get-Mailbox 'Test*' -RecipientTypeDetails 'SharedMailbox' | Remove-Mailbox  
Remove-Mailbox 'Suggestion Box'  
Disable-Mailbox 'Suggestion Box'
```

Linked Mailboxes

A linked mailbox is a mailbox with a disabled user account in the Exchange environment (i.e. the resource forest).

```
$RemoteCred = Get-Credential accountforest\administrator  
New-Mailbox -Name "Sjon Lont" -LinkedDomainController dc.accountforest.com -  
LinkedMasterAccount accountforest\Sjon.Lont -LinkedCredential $RemoteCred
```

Full Exchange Server 2019 PowerShell Book – <https://PracticalPowershell.com>

Accepted Domains

Accepted Domains are domains for which Exchange will answer SMTP deliveries for. If a domain is not defined and an email delivery is attempted for that domain, it will be rejected. Defining these domains is important.

Create a new Accepted Domain:

```
New-AcceptedDomain -DomainName PracticalPowerShell.com -DomainType  
Authoritative -Name PracticalPowerShell
```

List all Accepted Domains:

```
Get-AcceptedDomain
```

Remove an existing Accepted Domain:

```
Remove-AcceptedDomain PracticalPowerShell
```

Change settings on an existing Accepted Domain:

```
Set-AcceptedDomain PracticalPowerShell -DomainType InternalRelay
```

RFC 822 Check for Postmaster Address

```
Foreach ($Domain in (Get-AcceptedDomain).DomainName) {  
$Postmaster = 'Postmaster@'+$Domain  
$Check = Get-Recipient $Postmaster -ErrorAction SilentlyContinue  
If (!$Check) {Write-Host $Postmaster" does not exist." -ForegroundColor Yellow}  
If ($Check) {Write-Host $Postmaster" does exist" -ForegroundColor Cyan} }
```

Journaling

Enable this to copy email messages to a central location.

Create a New Journaling Rule

```
New-JournalRule -Name "FinancialPlanners" -JournalEmailAddress 'FP-Journal' -Scope  
Global -Recipient 'planners@domain.com' -Enabled $True
```

Remove an existing Journal Rule:

```
Remove-JournalRule -Name "FinancialPlanners"
```

List any current Journal Rules:

```
Get-JournalRule
```

Disable an existing Journal Rule:

```
Disable-JournalRule -Name "FinancialPlanners"
```

Enable an existing Journal Rule:

```
Enable-JournalRule -Name 'FinancialPlanners'
```

Journal Rule Collections

With these cmdlets, we can export entire collections of Journal rules and import to a new Exchange Servers or for backup purposes.

Export:

```
$Output = Export-JournalRuleCollection  
Set-Content -Path "C:\Temp\AllJournalRules.xml" -Value $Output.FileData -Encoding Byte
```

Import:

```
[Byte[]]$Data = Get-Content -Path "C:\Temp\AllJournalRules.xml" -Encoding Byte -  
ReadCount 0  
Import-JournalRuleCollection -FileData $Data
```

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Mail Transport

Proper mail flow is important in Exchange Server 2019. There are many PowerShell cmdlets for managing these connectors and many types of connectors.

Receive Connector(s)

Receive connectors receive emails from other Exchange servers, printers, applications or remote mail servers to route emails to local mailboxes or relay to external recipients.

List Receive Connector(s) in Exchange (All or for one server):

```
Get-ReceiveConnector
```

```
Get-ReceiveConnector -Server EX01
```

Create new Receive Connector:

```
New-ReceiveConnector 'Internal Relay' -TransportRole FrontendTransport -Usage Custom -RemoteIPRanges 10.0.0.0/16 -Bindings 10.0.1.1:25
```

Remove existing Receive Connectors:

```
Remove-ReceiveConnector 'EX02\Internal Relay'
```

Change settings on an existing Receive Connector:

```
Set-ReceiveConnector 'EX02\Internal Relay' -ProtocolLoggingLevel Verbose
```

Send Connector(s)

By default, Exchange 2019 has no send connectors. Use these cmdlets to manage send connectors in Exchange 2019:

List Send Connectors (all or by server):

```
Get-SendConnector
```

```
Get-SendConnector 'Internet Mail'
```

Create New Send Connectors:

```
New-SendConnector 'Internet Mail' -AddressSpace '*'
```

Remove existing Send Connectors:

```
Remove-SendConnector 'Research Server'
```

Change settings on an existing Send Connector (add a domain):

```
Set-SendConnector 'Bank Partner' -AddressSpace bankdomain1.com,bankdomain2.com
```

IntraOrganization Connector(s)

IntraOrganization Connectors can connect dispersed Exchange environments across Forest boundaries (for example). Hybrid Configuration Wizard also uses this for connect Exchange 2019 to Exchange Online (do not do this manually).

List all IntraOrganization Connectors:

```
Get-IntraOrganizationConnector
```

Create new IntraOrganization Connectors

```
New-IntraOrganizationConnector -DiscoveryEndpoint https://mail.domain.com -Name  
SubsidiaryConnector -TargetAddressDomains powershellgeek.com
```

Remove an existing IntraOrganization Connector:

```
Remove-IntraOrganizationConnector -Identity SubsidiaryConnector
```

Change settings on an existing IntraOrganization Connector:

```
Set-IntraOrganizationConnector SubsidiaryConnector -Enabled $False
```

```
Set-IntraOrganizationConnector SubsidiaryConnector -TargetAddressDomains FunToys.com
```

Compliance / DLP

```
New-DlpPolicy -Name "Big Box Personal Info" -Template "Big Box PII"
```

```
New-DlpPolicy -Name "Japanese Subsidiary Finance Data" -Template "Japan  
Financial Data"
```

```
New-PolicyTipConfig -Name en\NotifyOnly -Value 'This message contains private  
information that should not be shared outside of this company.'
```

Create Document Fingerprint (for HR) and use in a Transport Rule:

```
$HRDoc1 = Get-Content "C:\Documents\HR\EmployeePII-Form.docx" -Encoding  
Byte
```

```
$HRDoc1_Fingerprint = New-Fingerprint -FileData $HRDoc1 -Description  
"Employee PII Form"
```

```
New-DataClassification -Name "HR Confidential Form 1" -Fingerprints  
$HRDoc1_Fingerprint -Description "Message contains confidential employee  
information."
```

```
Set-DataClassification -Name "HR Confidential Form 1" -Fingerprints  
$HRDoc1_Fingerprint
```

```
New-TransportRule -Name 'Notify: External Recipient BigBox confidential' -  
RejectMessageReasonText 'This file is restricted and may not be emailed outside  
the company.' -Mode Enforce -SentToScope NotInOrganization -  
MessageContainsDataClassification @{Name='HR Confidential Form 1'}
```

Protection Configuration

Below are some sample cmdlets for inbound message hygiene:

```
Add-IPAllowListEntry -IPAddress 157.166.168.213
```

```
Add-IPAllowListProvider -Name "Spamhaus" -LookupDomain swl.spamhaus.org -  
AnyMatch $True
```

```
Add-ContentFilterPhrase -Phrase "Project X" -Influence GoodWord
```

```
Remove-ContentFilterPhrase -Phrase "Free credit report"
```

```
Set-ContentFilterConfig -ByPassedSenders John@TechCenter.Com
```

```
Set-ContentFilterConfig -ByPassedSenderDomains PowerShellGeek.Com
```

```
Get-SenderIDConfig
```

```
Set-SenderFilterConfig -BlockedDomains BobsSpamService.Com -
```

```
BlankSenderBlockingEnabled $True -Action StampStatus -
```

```
RecipientBlockedSenderAction Delete
```

```
Get-RecipientFilterConfig
```

```
Set-RecipientFilterConfig -BlockedRecipients Administrator@tap.com -
```

```
BlockListEnabled $True -RecipientValidationEnabled $True
```

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Email Messaging

Transport Rules

Transport Rule control mail flow and provide administrators control for certain mail types, mail flows or

List all Transport Rules:

```
Get-TransportRule
```

Create New Transport Rules [Example 1]:

```
New-TransportRule -Name "ZIP Block" -AttachmentNameMatchesPatterns zip -  
GenerateIncidentReport "Damian@Domain.Com" -IncidentReportOriginalMail  
IncludeOriginalMail -DeleteMessage $True -SetAuditSeverity Medium
```

Create New Transport Rules [Example 2]:

```
New-TransportRule -SentToScope 'NotInOrganization' -ApplyHtmlDisclaimerLocation 'Append'  
-ApplyHtmlDisclaimerText 'This email is for its intended recipient. If you are not the recipient,  
please delete this email immediately.' -ApplyHtmlDisclaimerFallbackAction 'Wrap' -Name  
'Legal Required Disclaimer' -StopRuleProcessing:$false -Mode 'Enforce' -RuleErrorAction  
'Ignore' -SenderAddressLocation 'Header' -ExceptIfSubjectOrBodyContainsWords 'This email is  
for its intended recipient'
```

Disable and existing Transport Rule:

```
Disable-TransportRule 'Test Keyword block rule'
```

Change settings on an existing Transport Rule:

```
Set-TransportRule 'Inbound HR eMail' -SetAuditSeverity Medium
```

Remove an existing Transport Rule:

```
Remove-TransportRule "ZIP Block"
```

Locate email sent in Exchange

```
Get-MessageTrackingLog -Sender damian@powershellgeek.com -Recipients  
dave@practicalpowershell.com -Start 10/1/22 -End 10/7/22 -Server EXSRV01A
```

Find a specific tracking report, which is then fed to the Get-MessageTrackingReport

```
$Messages = Search-MessageTrackingReport -Identity Jimmy -Sender  
damian@mcmcug.com -BypassDelegateChecking
```

Get more detail on message deliveries (fed from Search-MessageTrackingReport cmdlet)

```
Get-MessageTrackingReport -Identity $Messages.MessageTrackingReportID -  
ReportTemplate Summary -BypassDelegateChecking
```

Create message in a users mailbox, Drafts folder

```
New-MailMessage -Body 'Important Announcement' -Subject 'Announcement'
```

Retrieve all existing message classifications

```
Get-MessageClassification
```

Create a new message classification [used in Transport Rules]

```
New-MessageClassification -Name 'Notifications' -DisplayName 'Notification  
Messages' -SenderDescription 'Notification email' -ClassificationID 6942d504-a158-  
4d09-b420-e796bcf2f6c8
```

Remove an existing Message Classification

```
Remove-MessageClassification 'Notifications'
```

Change settings in an existing notification

```
Set-MessageClassification 'Notifications' -SenderDescription 'IT Reporting emails.'
```

Full Exchange Server 2019 PowerShell Book – <https://PracticalPowershell.com>

Protection Configuration

```
Add-IPAllowListEntry -IPAddress 157.166.168.213  
Add-IPAllowListProvider -Name "Spamhaus" -LookupDomain swl.spamhaus.org -AnyMatch  
$True  
Add-ContentFilterPhrase -Phrase "Project X" -Influence GoodWord  
Remove-ContentFilterPhrase -Phrase "Free credit report"  
Set-ContentFilterConfig -ByPassedSenders John@TechCenter.Com  
Set-ContentFilterConfig -ByPassedSenderDomains PowerShellGeek.Com  
Get-SenderIDConfig  
Set-SenderFilterConfig -BlockedDomains BobsSpamService.Com -  
BlankSenderBlockingEnabled $True -Action StampStatus -RecipientBlockedSenderAction  
Delete  
Get-RecipientFilterConfig  
Set-RecipientFilterConfig -BlockedRecipients Administrator@tap.com -BlockListEnabled  
$True -RecipientValidationEnabled $True
```

Policy Tips

List any existing Policy Tips

```
Get-PolicyTipConfig
```

Create new Policy Tip

```
New-PolicyTipConfig -Name 'en\NotifyOnly' -Value 'The message has been blocked by  
Big Corp corporate qualifications.'
```

Remove any existing Policy Tips

```
Remove-PolicyTipConfig 'en\NotifyOnly'
```

Change settings on an existing Policy Tip

```
Set-PolicyTipConfig 'en\NotifyOnly' -Value 'The message has been blocked by Big Box  
Corporation'
```

NOTE:

Only one policy type per type. For example one policy for en/ and one for fr/ and so on.

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Public Folders

Mail disable an existing mail enabled Public Folder

```
Disable-MailPublicFolder
```

Mail enable a Public Folder

```
Enable-MailPublicFolder \Sales\OutsideSales -HiddenFromAddressListsEnabled $True
```

List existing mail enabled Public Folders

```
Get-MailPublicFolder | Where Alias -eq 'Research'
```

Change setting on a mail enabled Public Folder

```
Set-MailPublicFolder \Marketing -RequireSenderAuthenticationEnabled $true
```

List any Public Folders [below lists all non-system Public Folders]

```
Get-PublicFolder '\'-Recurse
```

Create a new Public Folder in an existing Public Folder mailbox:

```
New-PublicFolder -Name OutsideSales -Mailbox PFMailbox03 -Path \Sales
```

Remove an existing Public Folder

```
Remove-PublicFolder \Sales\OutsideSales
```

Change settings on an existing Public Folder-MaxItemSize

```
Set-PublicFolder OutsideSales -ProhibitPostQuota 10GB -MaxItemSize 100MB
```

List the statistics from a Public Folder migration request

```
Get-PublicFolderMigrationRequestStatistics PFMigration1
```

Retrieve an existing Public Folder move requests

```
Get-PublicFolderMoveRequest
```

Create a new Public Folder migration request

```
$Folders = (Get-PublicFolder \IT -Recurse).Identity
```

```
New-PublicFolderMoveRequest -TargetMailbox PFMailbox03 -Folders $Folders
```

Remove an existing Public Folder move request

```
Remove-PublicFolderMoveRequest
```

Change settings on an existing Public Folder migration request

```
Set-PublicFolderMoveRequest -DomainController DC01 -SuspendWhenReadyToComplete $true
```

Suspend Public Folder move requests

```
Get-PublicFolderMoveRequest | Suspend-PublicFolderMoveRequest
```

Retrieve details on existing Public Folder move requests

```
Get-PublicFolderMoveRequestStatistics
```

Update Public Folder hierarchy

```
Get-Mailbox -PublicFolder | Update-PublicFolderMailbox -SuppressStatus
```

List any current Public Folder migration requests

```
Get-PublicFolderMigrationRequest
```

Move Public Folders from Exchange 2010 to 2013/6/9

```
New-PublicFolderMigrationRequest PFMigration1 -SourceDatabase (Get-PublicFolderDatabase -Server <Source server name>) -CSVData (Get-Content <Folder to mailbox map path> -Encoding Byte)
```

Remove an existing Public Folder migration request

```
Remove-PublicFolderMigrationRequest PFMigration1
```

Resume a suspended Public Folder migration request

```
Resume-PublicFolderMigrationRequest PFMigration1
```

Change settings on an existing Public Folder migration request

```
Set-PublicFolderMigrationRequest -Identity PFMigration1 -BadItemLimit 5 -PreventCompletion $True
```

Suspend and existing Public Folder migration request

```
Suspend-PublicFolderMigrationRequest PFMigration1 -SuspendComment 'Migration suspended due to space issues 2022/09/01.'
```

List migration statistics for Public Folder moves

```
Get-PublicFolderMailboxMigrationRequest | Get-PublicFolderMailboxMigrationRequest | ft TargetMailbox,Status*,*Transferred,PercentComplete -Auto
```

Retrieve Public Folder item level details

```
Get-PublicFolderItemStatistics -Identity "\Marketing\Reports" | Select Subject, LastModificationTime, ItemType, MessageSize
```

Retrieve Public Folder sizes

```
Get-PublicFolder \ -Recurse | Get-PublicFolderStatistics | ft Name,FolderPath,*size
```

Retrieve Public Folder mailbox diagnostic information

```
Get-PublicFolderMailboxDiagnostics -Identity PFMailBox01 -IncludeHierarchyInfo
```

Add a user permission to an existing Public Folder

```
Add-PublicFolderClientPermission -Identity "\IT\Projects" -User Jimmy -AccessRights PublishingEditor
```

Retrieve permissions on an existing Public Folder

```
Get-PublicFolderClientPermission -Identity \IT\Projects
```

Remove an existing permission assigned to a Public Folder

```
Remove-PublicFolderClientPermission -User Jimmy -Identity \IT\Projects
```

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DNS Health Check

Below is a simple way to health check each Accepted Domain in Exchange Online:

```
Import-Module DomainHealthChecker
Import-Module ExchangeOnlineManagement
Connect-ExchangeOnline
$AcceptedDomains = (Get-AcceptedDomain -ErrorAction STOP).Name
Foreach ($AcceptedDomain in $AcceptedDomains) {
    Get-SPFRecord $AcceptedDomain
    Get-DMARCRecord $AcceptedDomain
    Get-DKIMRecord $AcceptedDomain
    Get-DNSSEC $AcceptedDomain
}
```

<https://practical365.com/getting-your-dns-ducks-in-a-row/>