**PS scritps to set up email archiving**

**Content:**

1) Check connection to Exchange using local powershell script

2) Check Organization management rights for the superuser

3) Check basic authentication settings

4) PowerShell or documentation how to enable basic authentication

    http://www.morgantechspace.com/2015/06/connect-remote-exchange-powershell-with-basic-authentication.html

5) PowerShell how to assign full access for superuser - OnPremise

6) PowerShell how to assign full access for superuser – O365

1. Check connection to Exchange using local powershell script

# Define the Exchange PowerShell URL for O365 it is https://outlook.office365.com/powershell-liveid/ for On-Premise Exchange it is https://<ExServerName>/PowerShell

$ExServerPSURL = "https://tadc01/PowerShell"

$UserCredential = Get-Credential

$Session = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri $ExServerPSURL -Credential $UserCredential -Authentication Basic -AllowRedirection

Import-PSSession $Session

2) Check Organization management rights for the user – if the result is empty, than the rights are missing

$username = "<username>"

Get-RoleGroupMember -Identity "Organization management" | Where-Object {$\_.NAME -eq "$username"}

Check the View-only organization management rights for the user – if the result is empty, than the rights are missing

$username = "<username>"

Get-RoleGroupMember -Identity "View-only organization management" | Where-Object {$\_.NAME -eq "$username"}

3) Check basic authentication settings

Get-PowerShellVirtualDirectory |fl \*auth\*

4) PowerShell how to enable basic authentication

Set-PowerShellVirtualDirectory -Identity "PowerShell (Default Web Site)" -BasicAuthentication $true

5) PowerShell how to assign full access for superuser - OnPremise

#On-Prem Exchange:

#Set the permission for the superuser on all mailbox databases:

Get-MailboxDatabase | Add-ADPermission -User <superuser> -AccessRights 'ExtendedRight' -ExtendedRights 'Receive-As','ms-Exch-Store-Admin' -InheritanceType 'All'

#Set the permission for the superuser on one mailbox:

Add-MailboxPermission -Identity mailbox@domain.com -User <superuser> -AccessRights FullAccess -InheritanceType All -Automapping $false

6) PowerShell how to assign full access for superuser – O365

#O365:

#Set the permission for the superuser on all mailbox databases:

Get-Mailbox | Add-MailboxPermission -User mailbox@domain.com -AccessRights fullaccess -InheritanceType all

#Set the permission for the superuser on one mailbox:

Add-MailboxPermission -Identity mailbox@domain.com -User superuser -AccessRights FullAccess -InheritanceType All -Automapping $false

7) Check the users roles  
  
$AssignedRoles = Get-ManagementRoleAssignment -GetEffectiveUsers | Where-Object {$\_.EffectiveUserName -eq "$SuperUser"} | select-object Role