**Step - 1**

Perform Audit on Existing Active Directory Infrastructure to verify its health status

**Step -2**

**PROCESS** #This is where the script executes

{

    $path = **Split-Path** -parent "$CSVReportPath\\*.\*"

    $pathexist = **Test-Path** -Path $path

**If** ($pathexist -eq $false)

    {**New-Item** -**type** directory -Path $path}

    $reportdate = **Get-Date** -Format ssddmmyyyy

    $csvreportfile = $path + "\ALLADUsers\_$reportdate.csv"

    #import the ActiveDirectory Module

    Import-Module ActiveDirectory

    #Perform AD search. The quotes "" used in $SearchLoc is essential

    #Without it, Export-ADUsers returuned error

                  Get-ADUser -server $ADServer -searchbase "$SearchLoc" -Properties \* -**Filter** \* |

**Select-Object** @{Label = "First Name";Expression = {$\_.GivenName}},

                  @{Label = "Last Name";Expression = {$\_.Surname}},

                  @{Label = "Display Name";Expression = {$\_.DisplayName}},

                  @{Label = "Logon Name";Expression = {$\_.sAMAccountName}},

                  @{Label = "Full address";Expression = {$\_.StreetAddress}},

                  @{Label = "City";Expression = {$\_.City}},

                  @{Label = "State";Expression = {$\_.st}},

                  @{Label = "Post Code";Expression = {$\_.PostalCode}},

                  @{Label = "Country/Region";Expression = {**if** (($\_.Country -eq 'GB')  ) {'United Kingdom'} **Else** {''}}},

                  @{Label = "Job Title";Expression = {$\_.Title}},

                  @{Label = "Company";Expression = {$\_.Company}},

                  @{Label = "Description";Expression = {$\_.Description}},

                  @{Label = "Department";Expression = {$\_.Department}},

                  @{Label = "Office";Expression = {$\_.OfficeName}},

                  @{Label = "Phone";Expression = {$\_.telephoneNumber}},

                  @{Label = "Email";Expression = {$\_.Mail}},

                  @{Label = "Manager";Expression = {%{(Get-AdUser $\_.Manager -server $ADServer -Properties DisplayName).DisplayName}}},

                  @{Label = "Account Status";Expression = {**if** (($\_.Enabled -eq 'TRUE')  ) {'Enabled'} **Else** {'Disabled'}}}, # the 'if statement# replaces $\_.Enabled

                  @{Label = "Last LogOn Date";Expression = {$\_.lastlogondate}} |

                  #Export CSV report

**Export-Csv** -Path $csvreportfile -NoTypeInformation

}

**Step -3**

#1 - Exports all user accounts in a specified OU, given you control  
#2 - Exported fields (CSV headers) are display in user friendly format, for example "First Name" instead of "GivenName"   
#3 - Displays exported Manager name in DisplayName format as against default AD Distinguised Name (DN) format  
#4 - Exports "Account Status" (Enabled or Disabled)  
#5 - Exports "Last LogOn Date" - Useful to determine "inactive" users based on your company policy.

Patch Servers with latest Windows Updates

 Assign Dedicate IP address to Domain Controller

 Install AD DS Role

 Migrate Application and Server Roles from the Existing Domain Controllers

 Migrate FSMO roles to new Domain Controllers

 Add New Domain controller to the Existing DR Solution

 Decommission old domain controllers

 Raise the Domain and Forest Functional level

# Create a Backup

* Infrastructure services like DNS, DHCP, WINS, timesynchronization
* Active Directory replication and trusts
* Group directives and login-scripts
* User and group- objects
* Computer objects
* Resources like file, print, main and application server
* **Prepare Physical / Virtual resources for Domain Controller**