Automated PowerShell Active Directory Script

# ----- Edit these Variables for your own Use Case ----- #

$PASSWORD\_FOR\_USERS = "Password1"

$USER\_FIRST\_LAST\_LIST = Get-Content .\names.txt

# ------------------------------------------------------ #

$password = ConvertTo-SecureString $PASSWORD\_FOR\_USERS -AsPlainText -Force

New-ADOrganizationalUnit -Name \_USERS -ProtectedFromAccidentalDeletion $false

foreach ($n in $USER\_FIRST\_LAST\_LIST) {

$first = $n.Split(" ")[0].ToLower()

$last = $n.Split(" ")[1].ToLower()

$username = "$($first.Substring(0,1))$($last)".ToLower()

Write-Host "Creating user: $($username)" -BackgroundColor Black -ForegroundColor Cyan

New-AdUser -AccountPassword $password `

-GivenName $first `

-Surname $last `

-DisplayName $username `

-Name $username `

-EmployeeID $username `

-PasswordNeverExpires $true `

-Path "ou=\_USERS,$(([ADSI]`"").distinguishedName)" `

-Enabled $true

}

Name Generator Script:

# ----- Edit these Variables for your own Use Case ----- #

$PASSWORD\_FOR\_USERS = "Password1"

$NUMBER\_OF\_ACCOUNTS\_TO\_CREATE = 10000

# ------------------------------------------------------ #

Function generate-random-name() {

$consonants = @('b','c','d','f','g','h','j','k','l','m','n','p','q','r','s','t','v','w','x','z')

$vowels = @('a','e','i','o','u','y')

$nameLength = Get-Random -Minimum 3 -Maximum 7

$count = 0

$name = ""

while ($count -lt $nameLength) {

if ($($count % 2) -eq 0) {

$name += $consonants[$(Get-Random -Minimum 0 -Maximum $($consonants.Count - 1))]

}

else {

$name += $vowels[$(Get-Random -Minimum 0 -Maximum $($vowels.Count - 1))]

}

$count++

}

return $name

}

$count = 1

while ($count -lt $NUMBER\_OF\_ACCOUNTS\_TO\_CREATE) {

$fisrtName = generate-random-name

$lastName = generate-random-name

$username = $fisrtName + '.' + $lastName

$password = ConvertTo-SecureString $PASSWORD\_FOR\_USERS -AsPlainText -Force

Write-Host "Creating user: $($username)" -BackgroundColor Black -ForegroundColor Cyan

New-AdUser -AccountPassword $password `

-GivenName $firstName `

-Surname $lastName `

-DisplayName $username `

-Name $username `

-EmployeeID $username `

-PasswordNeverExpires $true `

-Path "ou=\_EMPLOYEES,$(([ADSI]`"").distinguishedName)" `

-Enabled $true

$count++

}