

**Active Directory Assignment**

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Institute of Management Science

Course Code: Data Communication and Computer Networking

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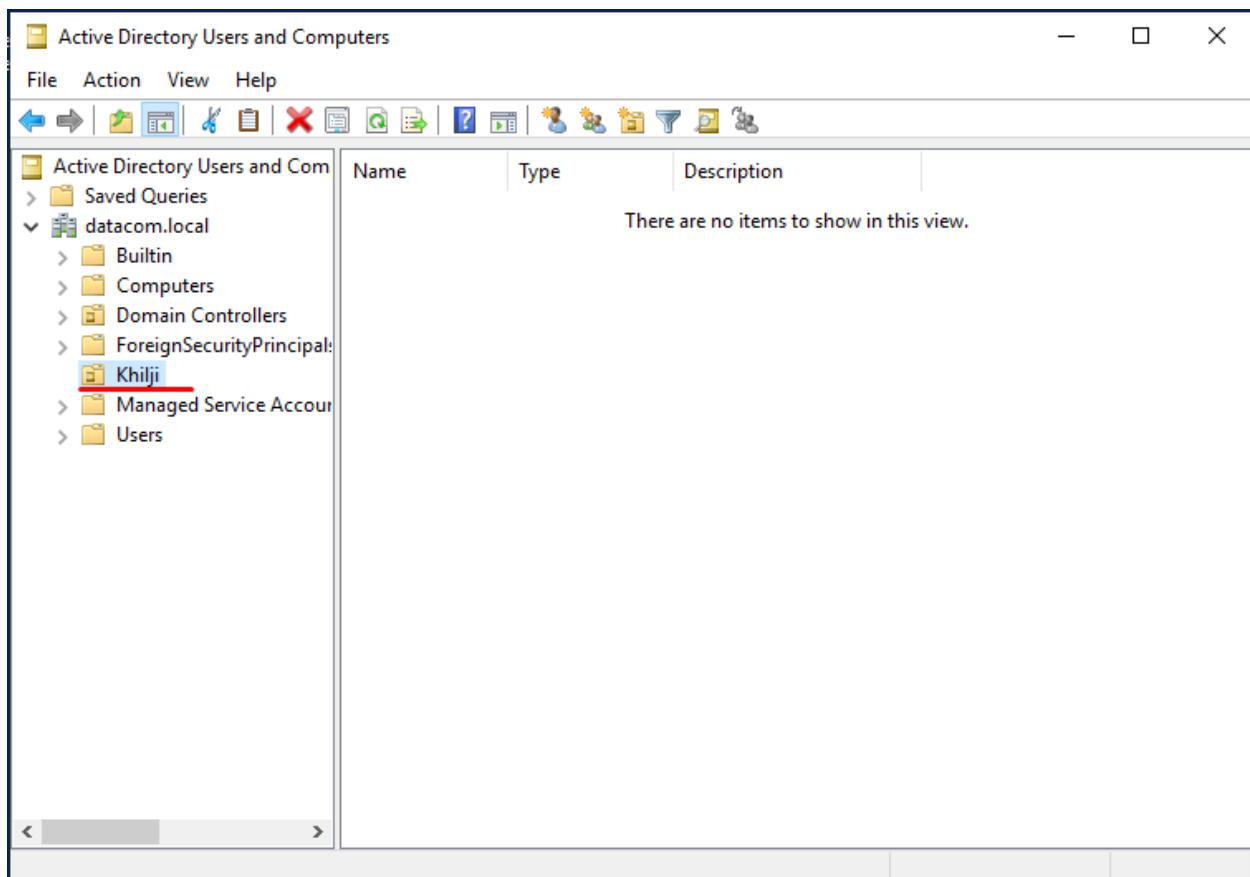
18<sup>th</sup> October, 2021

# Active Directory Assignment

- Create Organizational Unit

```
Administrator: Windows PowerShell
Windows PowerShell
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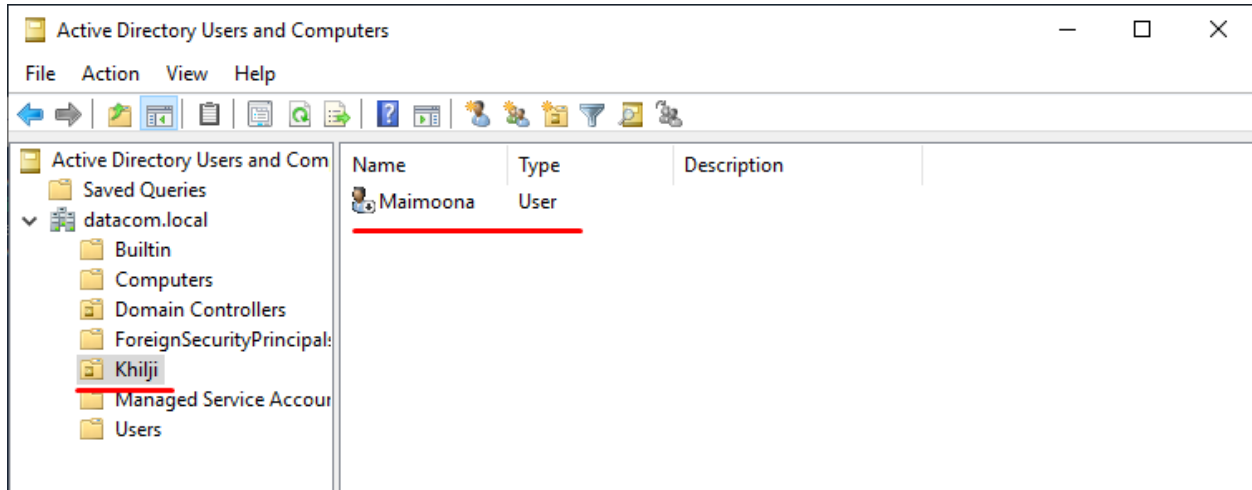
PS C:\Users\Administrator> New-ADOrganizationalUnit -Name "Khilji"
PS C:\Users\Administrator> █
```



- Create 6 users and 2 copy users (Total 8 Users)

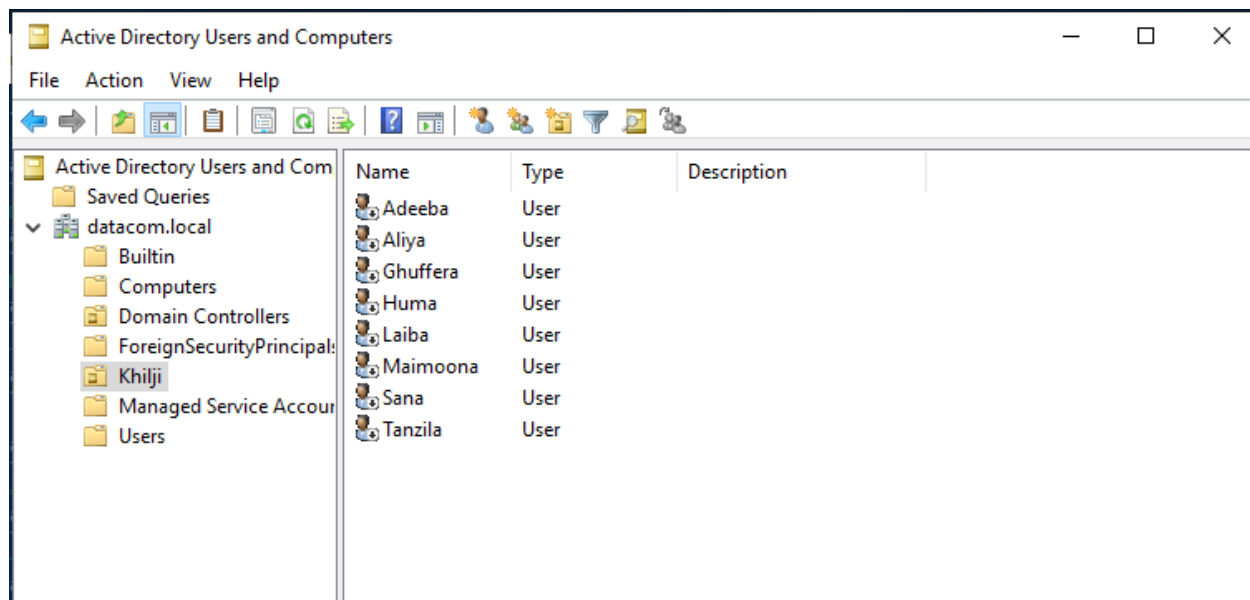
```
Administrator: Windows PowerShell

PS C:\Users\Administrator> New-ADUser -Name "Maimoona" -GivenName "Maimoona Khilji" -Surname "Khilji" -SamAccountName "MaimoonaKhilji" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator>
```



```
Administrator: Windows PowerShell

PS C:\Users\Administrator> New-ADUser -Name "Maimoona" -GivenName "Maimoona Khilji" -Surname "Khilji" -SamAccountName "MaimoonaKhilji" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator> New-ADUser -Name "Laiba" -GivenName "Laiba Humayun" -Surname "Humayun" -SamAccountName "LaibaHumayun" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator> New-ADUser -Name "Ghuffera" -GivenName "Ghuffera Raza" -Surname "Raza" -SamAccountName "GhufferaRaza" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator> New-ADUser -Name "Sana" -GivenName "Sana Haider" -Surname "Haider" -SamAccountName "SanaHaider" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator> New-ADUser -Name "Huma" -GivenName "Huma Awan" -Surname "Awan" -SamAccountName "HumaAwan" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator> New-ADUser -Name "Aliya" -GivenName "Aliya Sardar" -Surname "Sardar" -SamAccountName "AliyaSardar" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator> New-ADUser -Name "Adeeba" -GivenName "Adeeba Khan" -Surname "Khan" -SamAccountName "AdeebaKhan" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator> New-ADUser -Name "Tanzila" -GivenName "Tanzila Murad" -Surname "Murad" -SamAccountName "TanzilaMurad" -Path "OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator>
```



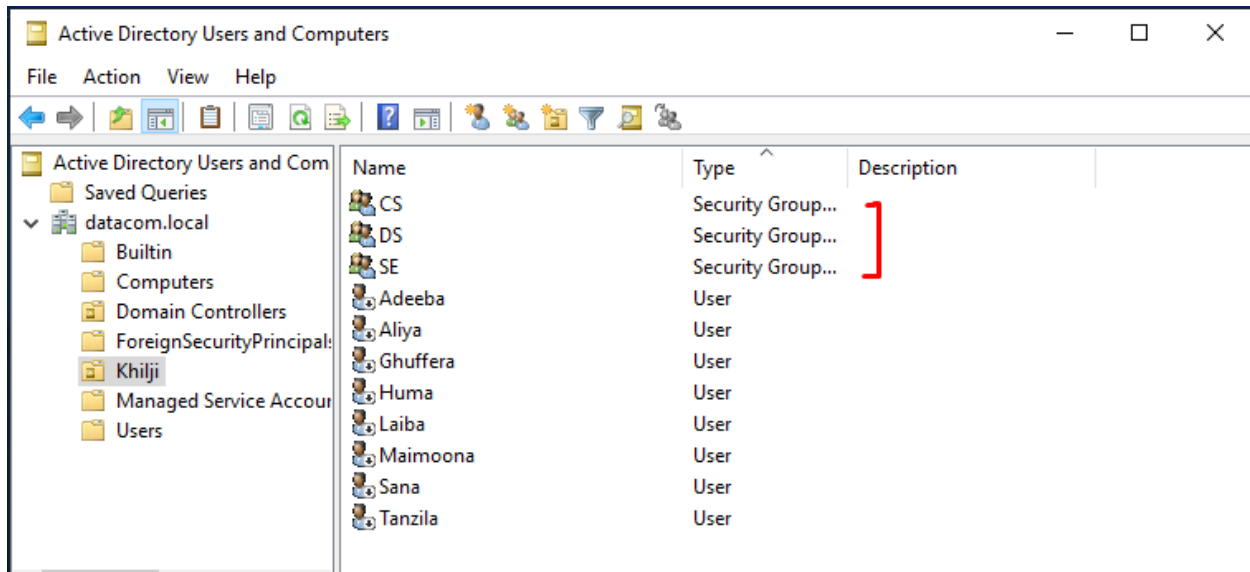
- Give these users different permissions (For example Password Never Expires, Change password on next login etc)

```
Administrator: Windows PowerShell

PS C:\Users\Administrator> Get-ADUser -Identity "TanzilaMurad" | set-ADUser -ChangePasswordAtLogon:$true
PS C:\Users\Administrator> Get-ADUser -Identity "TanzilaMurad" | set-ADUser -PasswordNeverExpires:$true
PS C:\Users\Administrator> Get-ADUser -Identity "HumaAwan" | set-ADUser -PasswordNeverExpires:$true
PS C:\Users\Administrator> Get-ADUser -Identity "AdeebaKhan" | set-ADUser -PasswordNeverExpires:$true
PS C:\Users\Administrator> Get-ADUser -Identity "AliyaSardar" | set-ADUser -ChangePasswordAtLogon:$true
PS C:\Users\Administrator> Get-ADUser -Identity "GhufferaRaza" | set-ADUser -ChangePasswordAtLogon:$true
PS C:\Users\Administrator> Get-ADUser -Identity "LaibaHumayun" | set-ADUser -ChangePasswordAtLogon:$true
PS C:\Users\Administrator> Get-ADUser -Identity "SanaHaider" | set-ADUser -PasswordNeverExpires:$true
PS C:\Users\Administrator>
```

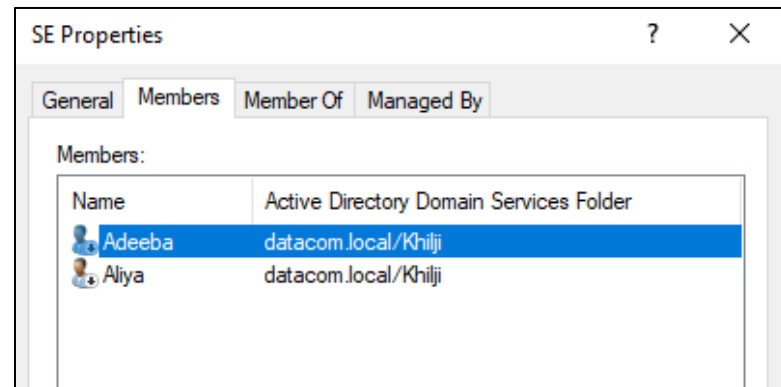
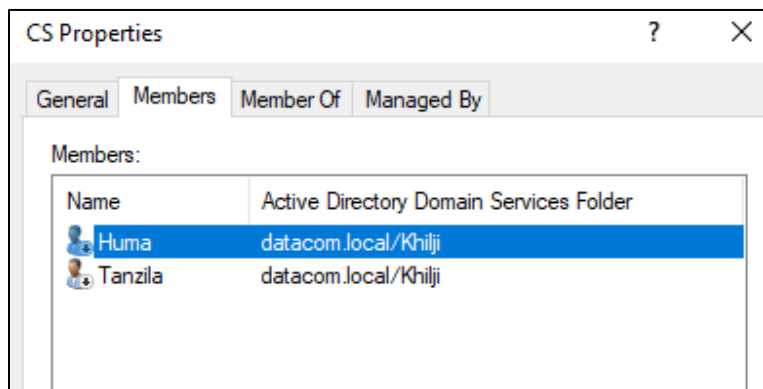
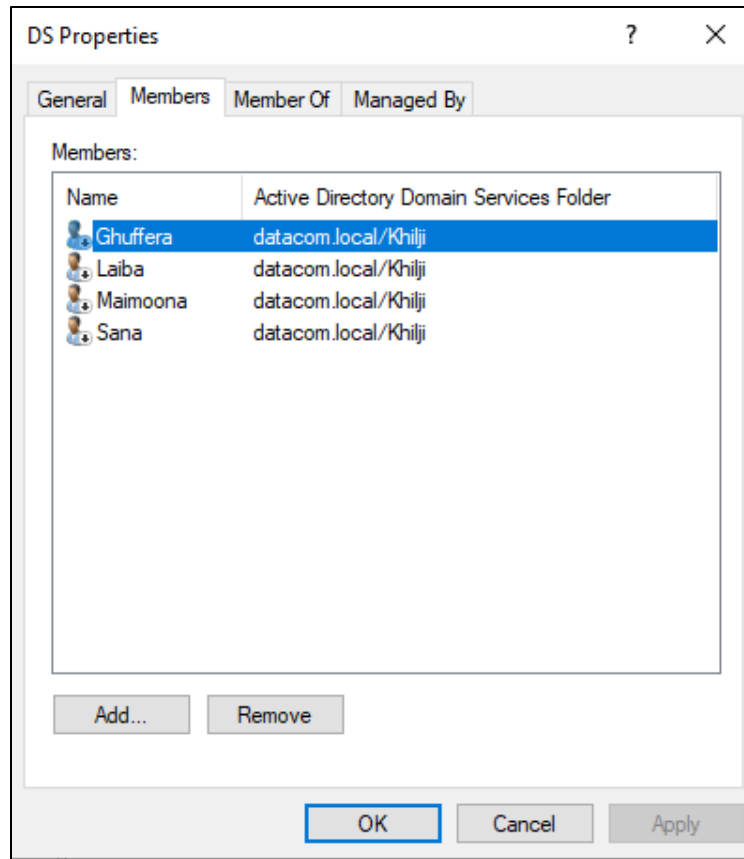
- **Create 3 Groups**

```
Administrator: Windows PowerShell
PS C:\Users\Administrator>
PS C:\Users\Administrator> New-ADGroup -Name "DS" -groupscope Global -Path "OU=Khilji, DC=Datacom, DC=local"
PS C:\Users\Administrator> New-ADGroup -Name "SE" -groupscope Global -Path "OU=Khilji, DC=Datacom, DC=local"
PS C:\Users\Administrator> New-ADGroup -Name "CS" -groupscope Global -Path "OU=Khilji, DC=Datacom, DC=local"
PS C:\Users\Administrator>
```



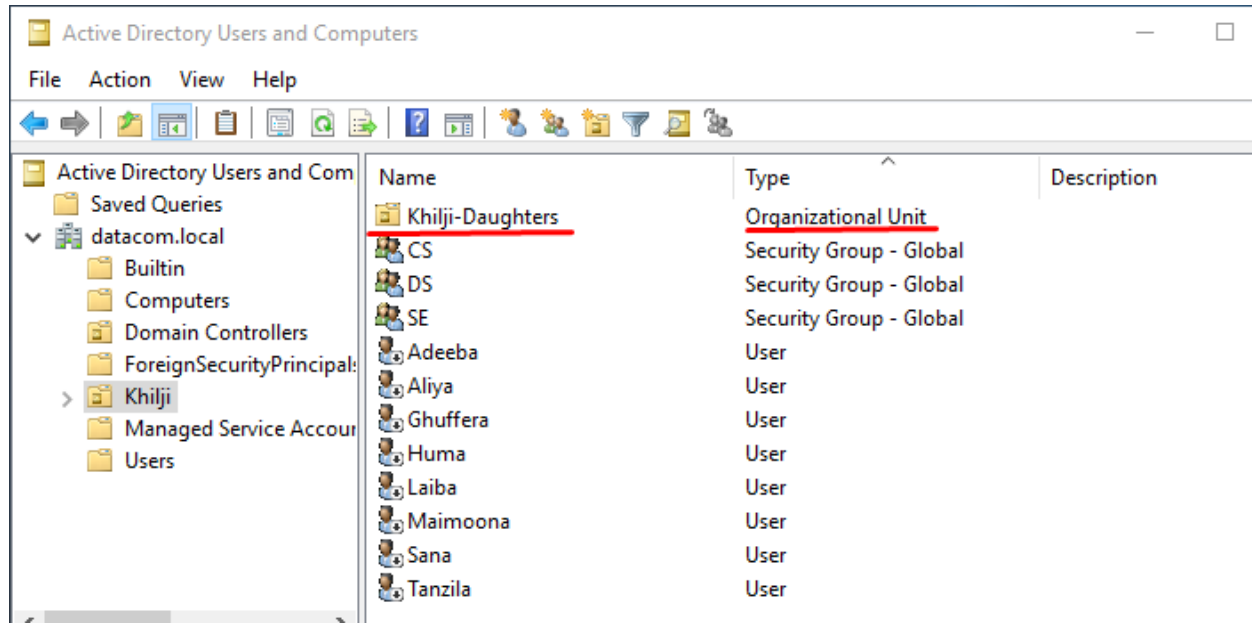
- **Add these 8 users to these 3 groups created**

```
Administrator: Windows PowerShell
PS C:\Users\Administrator>
PS C:\Users\Administrator> Add-ADGroupMember -Identity DS -Members MaimoonaKhilji,GhufferaRaza,LaibaHumayun,SanaHaider
PS C:\Users\Administrator> Add-ADGroupMember -Identity SE -Members AliyaSardar,AdeebaKhan
PS C:\Users\Administrator> Add-ADGroupMember -Identity CS -Members HumaAwan,TanzilaMurad
PS C:\Users\Administrator>
```



- Create Child organization Unit

```
Administrator: Windows PowerShell
PS C:\Users\Administrator> New-ADOrganizationalUnit -Name "Khilji-Daughters" -Path "OU=Khilji, DC=Datacom, DC=local"
PS C:\Users\Administrator>
```



- Create a user in the child organizational unit

```
Administrator: Windows PowerShell
PS C:\Users\Administrator> New-ADUser -Name "Mona" -GivenName "Mona" -Surname "Mona" -SamAccountName "MonaKhilji"
-Path "OU=Khilji-Daughters, OU=Khilji, DC=Datacom, DC=local" -AccountPassword(Read-Host -AsSecureString "Enter
the Password") -ChangePasswordAtLogon $True
Enter the Password: *****
PS C:\Users\Administrator>
```

