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Lab 7

Using PowerShell for bulk user creation

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NETWORK INSTALLATION AND ADMINISTRATION II

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Script overview and execution

I changed the username according to the example in the lab requirements only because I wanted to play around with the script for practice. I know it wasn't a requirement as mentioned in class.

```
PS C:\Users\Administrator.DC112> # Import the Active Directory module
Import-Module ActiveDirectory

# Define the path to the CSV file
$csvPath = "C:\users.csv"

# Import users from the CSV file using ';' as the delimiter
$users = Import-Csv -Path $csvPath -Delimiter ';'

# Define the base Distinguished Name (DN) for the domain
$domainDN = "DC=vlabs12,DC=com"

# Set the default password for all users and convert it to a secure string
$defaultPassword = ConvertTo-SecureString "PasswOrd$" -AsPlainText -Force

# Loop through each user record in the CSV file
foreach ($user in $users) {
    $firstName = $user.'FIRST NAME'
    $lastName = $user.'LAST NAME'
    $department = $user.DEPARTMENT
    $userName = "$($firstName.Substring(0,1).ToLower())$($lastName.ToLower())"
    $displayName = "$firstName $lastName"
    $ouPath = "OU=$department,$domainDN"
    $userPrincipalName = "$($firstName.Substring(0,1).ToLower())$($lastName.ToLower())@vlabs12.com"

    # Check if the Organizational Unit (OU) exists; create it if it does not
    if (-not (Get-ADOrganizationalUnit -Filter "DistinguishedName -eq '$ouPath'" -ErrorAction SilentlyContinue)) {
        New-ADOrganizationalUnit -Name $department -Path $domainDN
        Write-Host "Created OU: $department"
    }

    # Check if the user already exists; create the user if not
    if (-not (Get-ADUser -Filter "SamAccountName -eq '$userName'" -ErrorAction SilentlyContinue)) {
        New-ADUser -GivenName $firstName -Surname $lastName -SamAccountName $userName `
            -UserPrincipalName $userPrincipalName -Name $displayName -Path $ouPath `
            -AccountPassword $defaultPassword -Enabled $true `
            -PasswordNeverExpires $false -ChangePasswordAtLogon $true
        Write-Host "Created user: $displayName"
    }

    # Check if the group (named after the department) exists; create it if not
    if (-not (Get-ADGroup -Filter "Name -eq '$department'" -ErrorAction SilentlyContinue)) {
        New-ADGroup -Name $department -GroupScope Global -Path $ouPath
        Write-Host "Created group: $department"
    }

    # Add the user to the department group
    Add-ADGroupMember -Identity $department -Members $userName
    Write-Host "Added $displayName to group: $department"
}
```

```
Created OU: Sales
Created user: Adam Deschamps
Created group: Sales
Added Adam Deschamps to group: Sales
Created user: Amaury Fleury
Added Amaury Fleury to group: Sales
Created user: Andrea _ Lefèvre
Added Andrea _ Lefèvre to group: Sales
Created user: Arnaud Adam
Added Arnaud Adam to group: Sales
Created user: Cesar Renault
Added Cesar Renault to group: Sales
Created user: Constance Perrin
Added Constance Perrin to group: Sales
Created user: Constant Baron
Added Constant Baron to group: Sales
Created user: Esther Gautier
Added Esther Gautier to group: Sales
Created user: Gaetan Perrot
Added Gaetan Perrot to group: Sales
Created user: Irem Noel
Added Irem Noel to group: Sales
Created user: Jeremie Langlois
Added Jeremie Langlois to group: Sales
Created user: Lea Durand
Added Lea Durand to group: Sales
Created user: Liam Lebrun
Added Liam Lebrun to group: Sales
Created user: Lou Renard
Added Lou Renard to group: Sales
Created user: Louis Roux
Added Louis Roux to group: Sales
Created user: Mael Hamon
Added Mael Hamon to group: Sales
Created user: Mayeul Gillet
Added Mayeul Gillet to group: Sales
Created user: Mayssa Roger
Added Mayssa Roger to group: Sales
Created user: Mila Dumas
Added Mila Dumas to group: Sales
Created user: Naim Poulain
Added Naim Poulain to group: Sales
Created user: Pia Leclerc
Added Pia Leclerc to group: Sales
Created user: Renan Lemaître
Added Renan Lemaître to group: Sales
Created user: Rose Leclercq
Added Rose Leclercq to group: Sales
Created user: Sevan Antoine
Added Sevan Antoine to group: Sales
Created user: Timothee Pichon
Added Timothee Pichon to group: Sales
Created user: Tiphaine Berger
Added Tiphaine Berger to group: Sales
Created user: Ylan Laporte
Added Ylan Laporte to group: Sales
Created OU: Call Center
Created user: Aaron Louis
Created group: Call Center
Added Aaron Louis to group: Call Center
Created user: Aloès Boucher
Added Aloès Boucher to group: Call Center
Created user: Anaïs Muller
Added Anaïs Muller to group: Call Center
Created user: Brice Charles
Added Brice Charles to group: Call Center
Created user: Clemence Garcia
Added Clemence Garcia to group: Call Center
Created user: Elouan LeGall
Added Elouan LeGall to group: Call Center
Created user: erine Mathieu
Added erine Mathieu to group: Call Center
Created user: Gael Millet
Added Gael Millet to group: Call Center
Created user: Ilona Lemaire
Added Ilona Lemaire to group: Call Center
Created user: Jade Richard
Added Jade Richard to group: Call Center
Created user: Jules Leroy
Added Jules Leroy to group: Call Center
Created user: Leo Barre
Added Leo Barre to group: Call Center
Created user: Leonor Brunet
Added Leonor Brunet to group: Call Center
Created user: Lola Roche
Added Lola Roche to group: Call Center
Created user: Maeva Picard
Added Maeva Picard to group: Call Center
Created user: Maxime Guichard
Added Maxime Guichard to group: Call Center
Created user: Mia Renaud
Added Mia Renaud to group: Call Center
Created user: Pauline Rey
Added Pauline Rey to group: Call Center
Created user: Quentin Gay
Added Quentin Gay to group: Call Center
Created user: Samuel Reynaud
Added Samuel Reynaud to group: Call Center
Created user: Thea Hubert
Added Thea Hubert to group: Call Center
Created user: Thomas Cordier
Added Thomas Cordier to group: Call Center
Created user: Yanis Carlier
Added Yanis Carlier to group: Call Center
Created OU: Accounting
Created user: Alix Fontaine
Created group: Accounting
```

```
Created user: Axelle Blanc
Added Axelle Blanc to group: Accounting
Created user: Baptiste Aubry
Added Baptiste Aubry to group: Accounting
Created user: Clara Thomas
Added Clara Thomas to group: Accounting
Created user: Cylia François
Added Cylia François to group: Accounting
Created user: Dorian Herve_
Added Dorian Herve_ to group: Accounting
Created user: eleonore Nicolas
Added eleonore Nicolas to group: Accounting
Created user: Enzo Simon
Added Enzo Simon to group: Accounting
Created user: Etienne Bouvier
Added Etienne Bouvier to group: Accounting
Created user: Garance Denis
Added Garance Denis to group: Accounting
Created user: Ilan Germain
Added Ilan Germain to group: Accounting
Created user: Joy Brun
Added Joy Brun to group: Accounting
Created user: Kevin Levêque
Added Kevin Levêque to group: Accounting
Created user: Lana Joly
Added Lana Joly to group: Accounting
Created user: Lily Arnaud
Added Lily Arnaud to group: Accounting
Created user: Lucie Colin
Added Lucie Colin to group: Accounting
Created user: Martin Monnier
Added Martin Monnier to group: Accounting
Created user: Noah Fournier
Added Noah Fournier to group: Accounting
Created user: Nolan Chauvin
Added Nolan Chauvin to group: Accounting
Created user: Oceane Bourgeois
Added Oceane Bourgeois to group: Accounting
Created user: Suzanne Jean
Added Suzanne Jean to group: Accounting
Created user: Tiago Lamy
Added Tiago Lamy to group: Accounting
Created OU: Finance
Created user: Alienor Lambert
Created group: Finance
Added Alienor Lambert to group: Finance
Created user: Ava Mercier
Added Ava Mercier to group: Finance
Created user: Aymeric Marty
Added Aymeric Marty to group: Finance
Created user: Carla Chevalier
Added Carla Chevalier to group: Finance
Created user: Chloe_ Bernard
Added Chloe_ Bernard to group: Finance
Created user: Clovis Maillard
Added Clovis Maillard to group: Finance
```

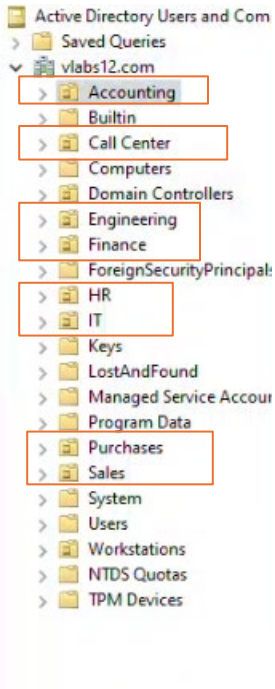
```
Created user: Clovis Maillard
Added Clovis Maillard to group: Finance
Created user: Damien Bailly
Added Damien Bailly to group: Finance
Created user: Eden Morin
Added Eden Morin to group: Finance
Created user: Esteban Leger
Added Esteban Leger to group: Finance
Created user: Flavie Duval
Added Flavie Duval to group: Finance
Created user: Hugo Cousin
Added Hugo Cousin to group: Finance
Created user: Jeanne Meunier
Added Jeanne Meunier to group: Finance
Created user: Juliette Giraud
Added Juliette Giraud to group: Finance
Created user: Kenzo Pelletier
Added Kenzo Pelletier to group: Finance
Created user: Lilou Barbier
Added Lilou Barbier to group: Finance
Created user: Louka Mallet
Added Louka Mallet to group: Finance
Created user: Louna Leroux
Added Louna Leroux to group: Finance
Created user: Malone Jacob
Added Malone Jacob to group: Finance
Created user: Mathilde Lemoine
Added Mathilde Lemoine to group: Finance
Created user: Nathan Morel
Added Nathan Morel to group: Finance
Created user: Noam Colin
Added Noam Colin to group: Finance
Created user: Nour Philippe
Added Nour Philippe to group: Finance
Created user: Ryan Humbert
Added Ryan Humbert to group: Finance
Created user: Sarah Laurent
Added Sarah Laurent to group: Finance
Created user: Shana Lopez
Added Shana Lopez to group: Finance
Created user: Tom Gilbert
Added Tom Gilbert to group: Finance
Created user: Zelie Dupuis
Added Zelie Dupuis to group: Finance
Created user: Aloyse Dupont
Created group: IT
Added Aloyse Dupont to group: IT
Created user: Augustine Andre_
Added Augustine Andre_ to group: IT
Created user: Axel Poirier
Added Axel Poirier to group: IT
Created user: Camille Martin
Added Camille Martin to group: IT
Created user: Capucine Garnier
Added Capucine Garnier to group: IT
Created user: Clement Menard
```

And the list goes on.. no errors.

```
Created user: Tess Dupuy
Added Tess Dupuy to group: HR
Created user: Valentin Delaunay
Added Valentin Delaunay to group: HR
Created OU: Purchases
Created user: Adrien Huet
Created group: Purchases
Added Adrien Huet to group: Purchases
Created user: Anael Royer
Added Anael Royer to group: Purchases
Created user: Apolline Faure
Added Apolline Faure to group: Purchases
Created user: Arthur Paris
Added Arthur Paris to group: Purchases
Created user: Charlie Charpentier
Added Charlie Charpentier to group: Purchases
Created user: Corentin Bertin
Added Corentin Bertin to group: Purchases
Created user: Diva Robin
Added Diva Robin to group: Purchases
Created user: Eva Masson
Added Eva Masson to group: Purchases
Created user: Gaspard Daniel
Added Gaspard Daniel to group: Purchases
Created user: Iris Meyer
Added Iris Meyer to group: Purchases
Created user: Jordan Remy
Added Jordan Remy to group: Purchases
Created user: Lilian Marchal
Added Lilian Marchal to group: Purchases
Created user: Louane Schmitt
Added Louane Schmitt to group: Purchases
Created user: Lucas David
Added Lucas David to group: Purchases
Created user: Maelys Dubois
Added Maelys Dubois to group: Purchases
Created user: Margot Fabre
Added Margot Fabre to group: Purchases
Created user: Milan etienne
Added Milan etienne to group: Purchases
Created user: Morgane Lacroix
Added Morgane Lacroix to group: Purchases
Created user: Nathanael Tessier
Added Nathanael Tessier to group: Purchases
Created user: Priscilla Payet
Added Priscilla Payet to group: Purchases
Created user: Romain Benard
Added Romain Benard to group: Purchases
Created user: Sacha Guillaume
Added Sacha Guillaume to group: Purchases
Created user: Solal Hoarau
Added Solal Hoarau to group: Purchases
Created user: Violette Carpentier
Added Violette Carpentier to group: Purchases

PS C:\Users\Administrator.DC112>
```

Created Ous

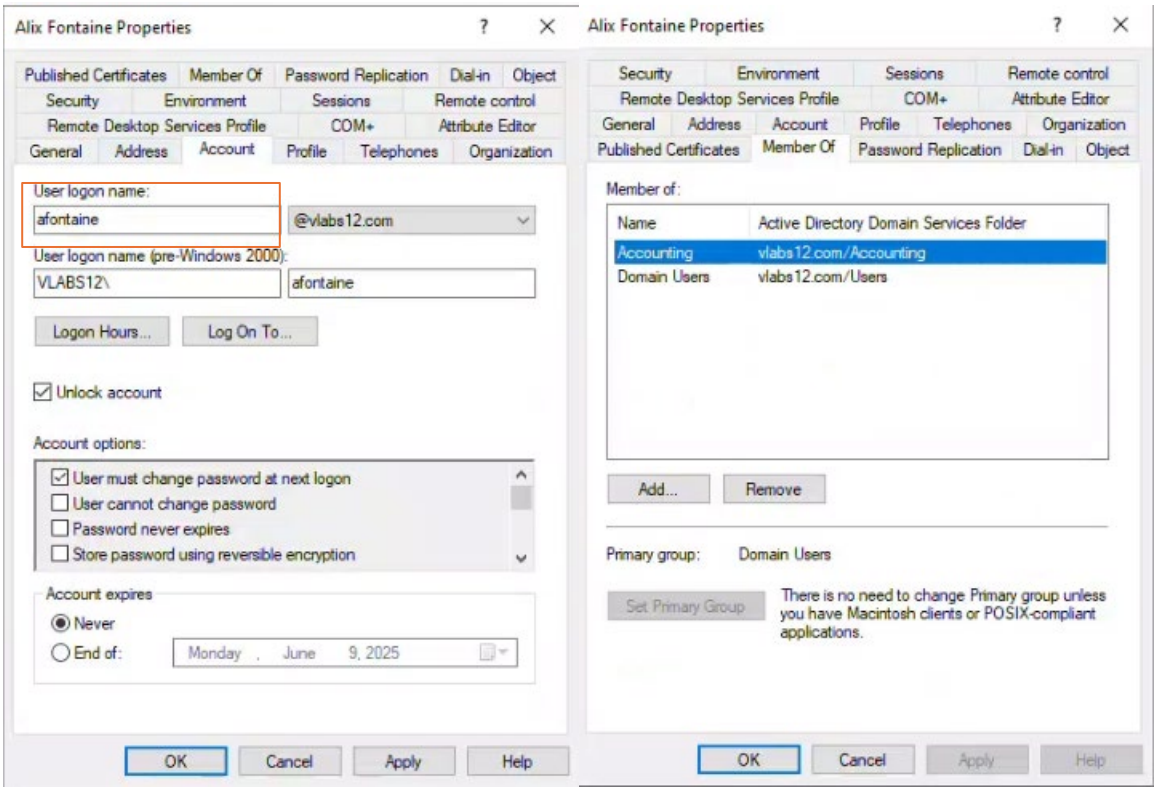
Listed is the created OUs



Accounting

Name	Type
Accounting	Security Group - Global
Alix Fontaine	User
Axelle Blanc	User
Baptiste Aub...	User
Clara Thomas	User
Cylia François	User
Dorian Herve_	User
eleonore Nic...	User
Enzo Simon	User
Etienne Bou...	User
Garance Denis	User
Ilan Germain	User
Joy Brun	User
Kevin Levêque	User
Lana Joly	User
Lily Arnaud	User
Lucie Colin	User
Martin Mon...	User
Noah Fournier	User
Nolan Chau...	User
Oceane Bou...	User
Suzanne Jean	User
Tiago Lamy	User

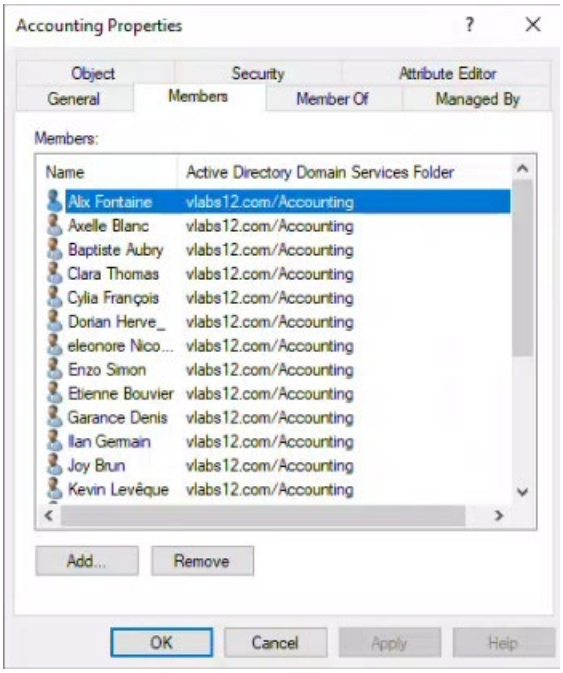
Example of the username modification.



Group membership

```
PS C:\Users\Administrator.DC112>  Get-ADGroup -Identity "Accounting"


DistinguishedName : CN=Accounting,OU=Accounting,DC=vlabs12,DC=com
GroupCategory     : Security
GroupScope        : Global
Name              : Accounting
ObjectClass       : group
ObjectGUID        : cd8728ef-9f2c-4af4-8712-28f6fe225fe0
SamAccountName    : Accounting
SID               : S-1-5-21-1463046243-3978224867-743297864-1595
```

Accounting Security group members – all created users for the Accounting OU

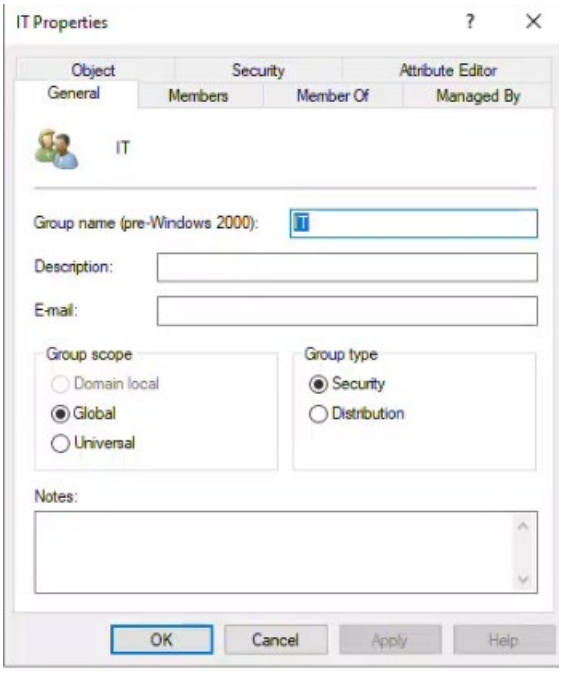


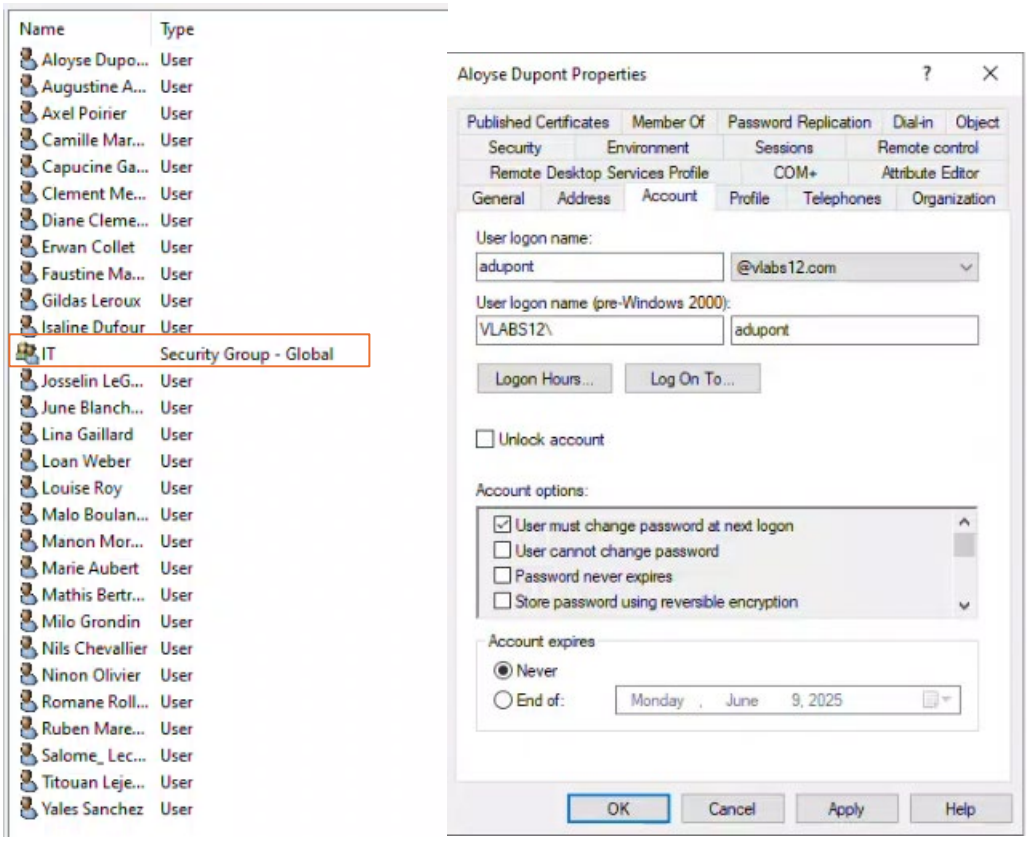
IT

```
PS C:\Users\Administrator.DC112>  Get-ADGroup -Identity "IT"


DistinguishedName : CN=IT,OU=IT,DC=vlabs12,DC=com
GroupCategory     : Security
GroupScope        : Global
Name              : IT
ObjectClass       : group
ObjectGUID        : 327fa53e-d1d3-463e-a6ff-2072f95ed361
SamAccountName    : IT
SID               : S-1-5-21-1463046243-3978224867-743297864-1646
```

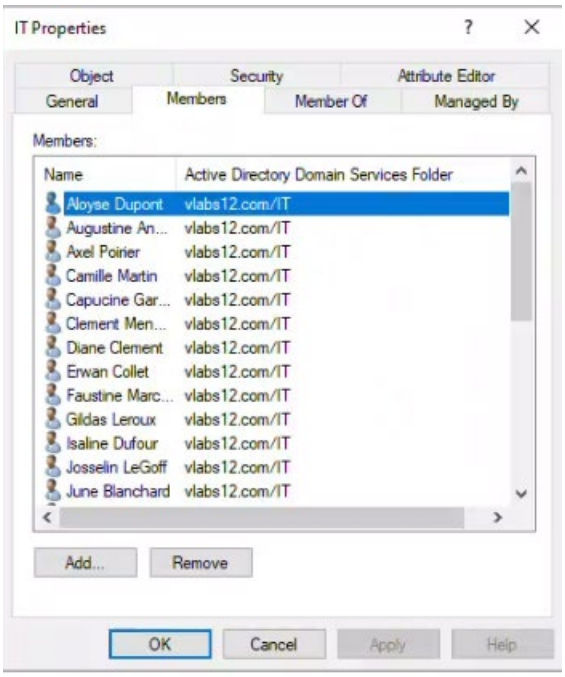
I used PowerShell for this since we're able list and verify more information at once. Lower is the screenshot from ADUAC

```
PS C:\Users\Administrator.DC112> Get-ADUser -Filter * -SearchBase "OU=IT,DC=vlabs12,DC=com" | Select-Object Name, SamAccountName, DistinguishedName

Name              SamAccountName DistinguishedName
----              -------------- -----------------
Aloyse Dupont     adupont        CN=Aloyse Dupont,OU=IT,DC=vlabs12,DC=com
Augustine Andre_  aandre_        CN=Augustine Andre_,OU=IT,DC=vlabs12,DC=com
Axel Poirier      apoirier       CN=Axel Poirier,OU=IT,DC=vlabs12,DC=com
Camille Martin    cmartin        CN=Camille Martin,OU=IT,DC=vlabs12,DC=com
Capucine Garnier  cgarnier       CN=Capucine Garnier,OU=IT,DC=vlabs12,DC=com
Clement Menard    cmenard        CN=Clement Menard,OU=IT,DC=vlabs12,DC=com
Diane Clement     dclement       CN=Diane Clement,OU=IT,DC=vlabs12,DC=com
Erwan Collet      ecollet        CN=Erwan Collet,OU=IT,DC=vlabs12,DC=com
Faustine Marchand fmarchand      CN=Faustine Marchand,OU=IT,DC=vlabs12,DC=com
Gildas Leroux     gleroux        CN=Gildas Leroux,OU=IT,DC=vlabs12,DC=com
Isaline Dufour    idufour        CN=Isaline Dufour,OU=IT,DC=vlabs12,DC=com
Josselin LeGoff   jlegoff        CN=Josselin LeGoff,OU=IT,DC=vlabs12,DC=com
June Blanchard    jblanchard     CN=June Blanchard,OU=IT,DC=vlabs12,DC=com
Lina Gaillard     lgaillard      CN=Lina Gaillard,OU=IT,DC=vlabs12,DC=com
Loan Weber        lweber         CN=Loan Weber,OU=IT,DC=vlabs12,DC=com
Louise Roy        lroy           CN=Louise Roy,OU=IT,DC=vlabs12,DC=com
Malo Boulanger    mboulanger     CN=Malo Boulanger,OU=IT,DC=vlabs12,DC=com
Manon Moreau      mmoreau        CN=Manon Moreau,OU=IT,DC=vlabs12,DC=com
Marie Aubert      maubert        CN=Marie Aubert,OU=IT,DC=vlabs12,DC=com
Mathis Bertrand   mbertrand      CN=Mathis Bertrand,OU=IT,DC=vlabs12,DC=com
Milo Grondin      mgrondin       CN=Milo Grondin,OU=IT,DC=vlabs12,DC=com
Nils Chevallier   nchevallier    CN=Nils Chevallier,OU=IT,DC=vlabs12,DC=com
Ninon Olivier     nolivier       CN=Ninon Olivier,OU=IT,DC=vlabs12,DC=com
Romane Rolland    rrolland       CN=Romane Rolland,OU=IT,DC=vlabs12,DC=com
Ruben Marechal    rmarechal      CN=Ruben Marechal,OU=IT,DC=vlabs12,DC=com
Salome_ Lecomte   slecomte       CN=Salome_ Lecomte,OU=IT,DC=vlabs12,DC=com
Titouan Lejeune   tlejeune       CN=Titouan Lejeune,OU=IT,DC=vlabs12,DC=com
Yales Sanchez     ysanchez       CN=Yales Sanchez,OU=IT,DC=vlabs12,DC=com
```

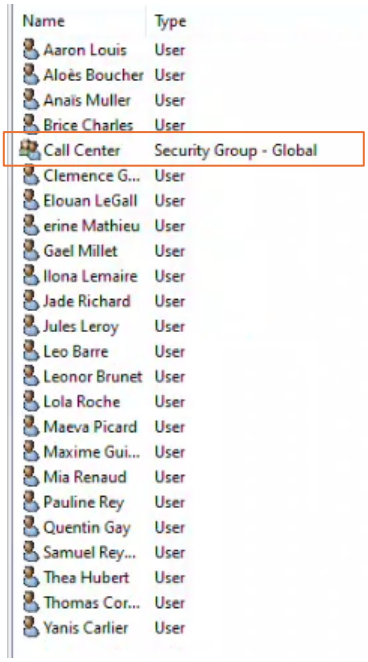


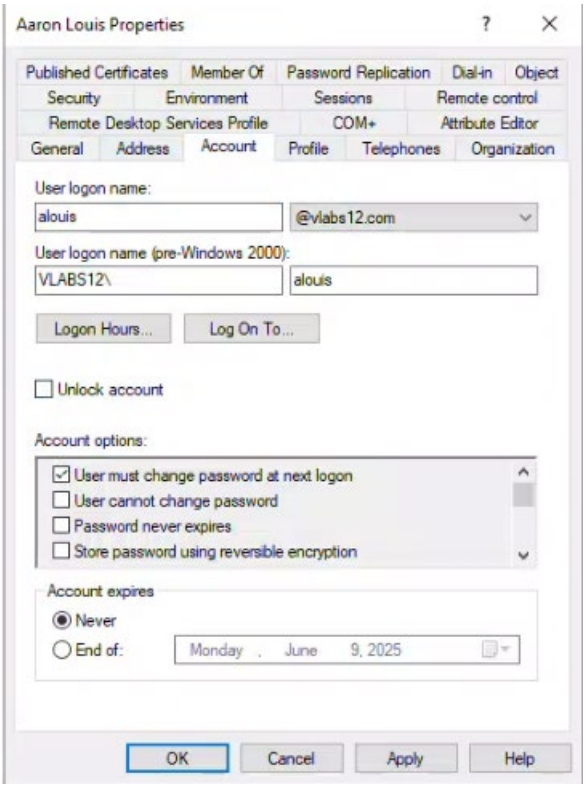


IT Security group members – all users created for IT OU


IT Properties
Object
Security
Attribute Editor
General
Members
Member Of
Managed By
Members:
Name
Active Directory Domain Services Folder
Aloyse Dupont vlabs12.com/IT
Augustine An... vlabs12.com/IT
Axel Poirier vlabs12.com/IT
Camille Martin vlabs12.com/IT
Capucine Gar... vlabs12.com/IT
Clement Men... vlabs12.com/IT
Diane Clement vlabs12.com/IT
Erwan Collet vlabs12.com/IT
Faustine Marc... vlabs12.com/IT
Gildas Leroux vlabs12.com/IT
Isaline Dufour vlabs12.com/IT
Josselin LeGoff vlabs12.com/IT
June Blanchard vlabs12.com/IT
Add...
Remove
OK
Cancel
Apply
Help

Call Center

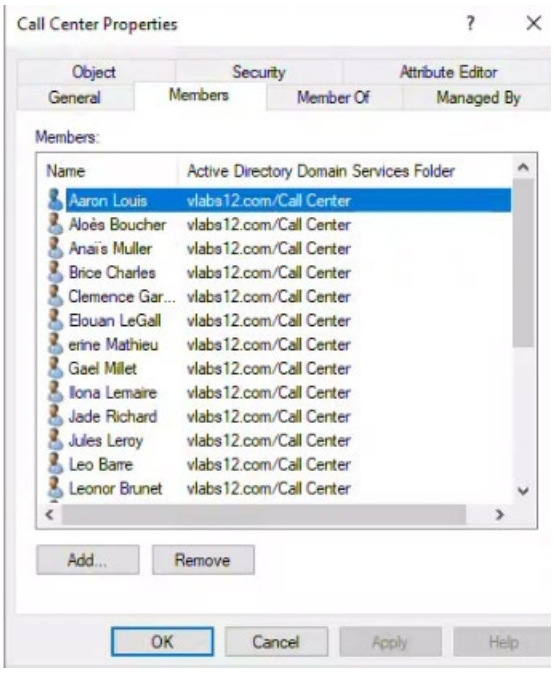

Name
Type
Aaron Louis User
Aloès Boucher User
Anaïs Muller User
Brice Charles User
Call Center Security Group - Global
Clemence G... User
Elouan LeGall User
erine Mathieu User
Gael Millet User
Ilona Lemaire User
Jade Richard User
Jules Leroy User
Leo Barre User
Leonor Brunet User
Lola Roche User
Maeva Picard User
Maxime Gui... User
Mia Renaud User
Pauline Rey User
Quentin Gay User
Samuel Rey... User
Thea Hubert User
Thomas Cor... User
Yanis Carlier User


Aaron Louis Properties
Published Certificates
Member Of
Password Replication
Dial-in
Object
Security
Environment
Sessions
Remote control
Remote Desktop Services Profile
COM+
Attribute Editor
General
Address
Account
Profile
Telephones
Organization
User logon name:
alouis
@vlabs12.com
User logon name (pre-Windows 2000):
VLABS12\
alouis
Logon Hours...
Log On To...
Unlock account
Account options:
User must change password at next logon
User cannot change password
Password never expires
Store password using reversible encryption
Account expires
Never
End of:
Monday , June 9, 2025
OK
Cancel
Apply
Help

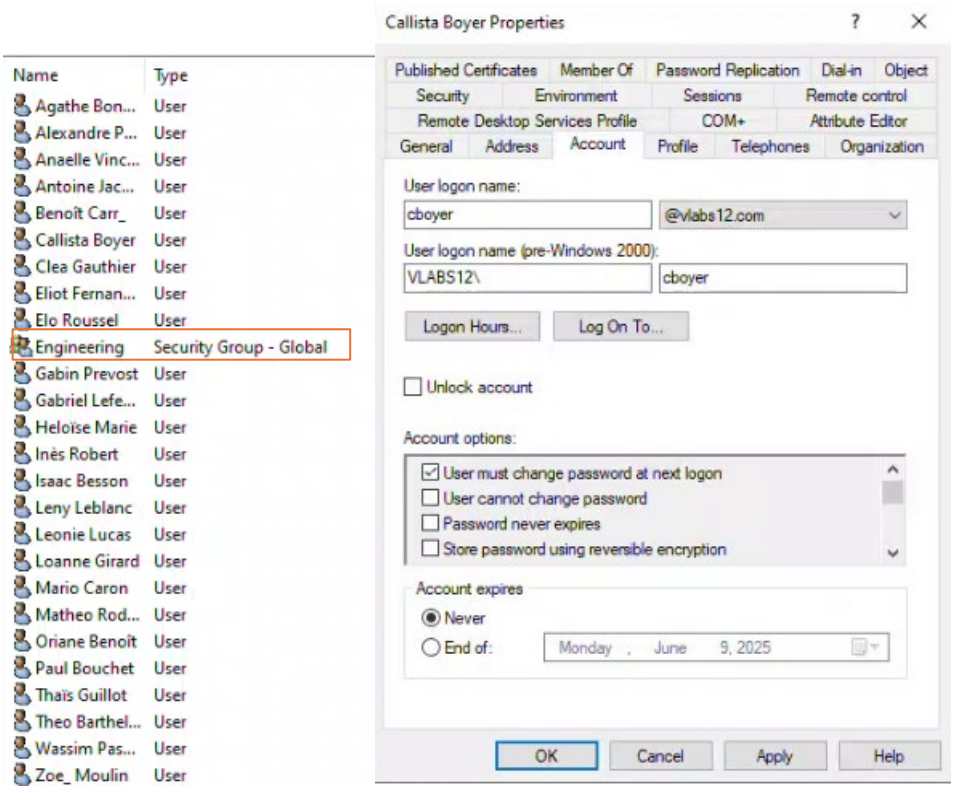
```
PS C:\Users\Administrator.DC112>  Get-ADGroup -Identity "Call Center"


DistinguishedName : CN=Call Center,OU=Call Center,DC=vlabs12,DC=com
GroupCategory     : Security
GroupScope        : Global
Name              : Call Center
ObjectClass       : group
ObjectGUID        : 32a63c0d-f777-4008-ba2e-254dc0dff3a9
SamAccountName    : Call Center
SID               : S-1-5-21-1463046243-3978224867-743297864-1571
```

```
PS C:\Users\Administrator.DC112> Get-ADUser -Filter * -SearchBase "OU=Call Center,DC=vlabs12,DC=com" | Select-Object Name, SamAccountName, DistinguishedName

Name            SamAccountName DistinguishedName
----            -------------- -----------------
Maxime Guichard mguichard      CN=Maxime Guichard,OU=Call Center,DC=vlabs12,DC=com
Mia Renaud      mrenaud        CN=Mia Renaud,OU=Call Center,DC=vlabs12,DC=com
Pauline Rey     prey           CN=Pauline Rey,OU=Call Center,DC=vlabs12,DC=com
Quentin Gay     qgay           CN=Quentin Gay,OU=Call Center,DC=vlabs12,DC=com
Samuel Reynaud  sreynaud       CN=Samuel Reynaud,OU=Call Center,DC=vlabs12,DC=com
Thea Hubert     thubert        CN=Thea Hubert,OU=Call Center,DC=vlabs12,DC=com
Thomas Cordier  tcordier       CN=Thomas Cordier,OU=Call Center,DC=vlabs12,DC=com
Yanis Carlier   ycarlier       CN=Yanis Carlier,OU=Call Center,DC=vlabs12,DC=com
Aaron Louis     alouis         CN=Aaron Louis,OU=Call Center,DC=vlabs12,DC=com
Aloès Boucher   aboucher       CN=Aloès Boucher,OU=Call Center,DC=vlabs12,DC=com
Anaïs Muller    amuller        CN=Anaïs Muller,OU=Call Center,DC=vlabs12,DC=com
Brice Charles   bcharles       CN=Brice Charles,OU=Call Center,DC=vlabs12,DC=com
Clemence Garcia cgarcia        CN=Clemence Garcia,OU=Call Center,DC=vlabs12,DC=com
Elouan LeGall   elegall        CN=Elouan LeGall,OU=Call Center,DC=vlabs12,DC=com
erine Mathieu   emathieu       CN=erine Mathieu,OU=Call Center,DC=vlabs12,DC=com
Gael Millet     gmillet        CN=Gael Millet,OU=Call Center,DC=vlabs12,DC=com
Ilona Lemaire   ilemaire       CN=Ilona Lemaire,OU=Call Center,DC=vlabs12,DC=com
Jade Richard    jrichard       CN=Jade Richard,OU=Call Center,DC=vlabs12,DC=com
Jules Leroy     jleroy         CN=Jules Leroy,OU=Call Center,DC=vlabs12,DC=com
Leo Barre       lbarre         CN=Leo Barre,OU=Call Center,DC=vlabs12,DC=com
Leonor Brunet   lbrunet        CN=Leonor Brunet,OU=Call Center,DC=vlabs12,DC=com
Lola Roche      lroche         CN=Lola Roche,OU=Call Center,DC=vlabs12,DC=com
Maeva Picard    mpicard        CN=Maeva Picard,OU=Call Center,DC=vlabs12,DC=com
```

Call Center Security group members – all users created for Call Center OU


Call Center Properties
Object
Security
Attribute Editor
General
Members
Member Of
Managed By
Members:
Name
Active Directory Domain Services Folder
Aaron Louis
vlabs12.com/Call Center
Aloès Boucher
vlabs12.com/Call Center
Anaïs Muller
vlabs12.com/Call Center
Brice Charles
vlabs12.com/Call Center
Clemence Gar...
vlabs12.com/Call Center
Elouan LeGall
vlabs12.com/Call Center
erine Mathieu
vlabs12.com/Call Center
Gael Millet
vlabs12.com/Call Center
Ilona Lemaire
vlabs12.com/Call Center
Jade Richard
vlabs12.com/Call Center
Jules Leroy
vlabs12.com/Call Center
Leo Barre
vlabs12.com/Call Center
Leonor Brunet
vlabs12.com/Call Center
Add...
Remove
OK
Cancel
Apply
Help

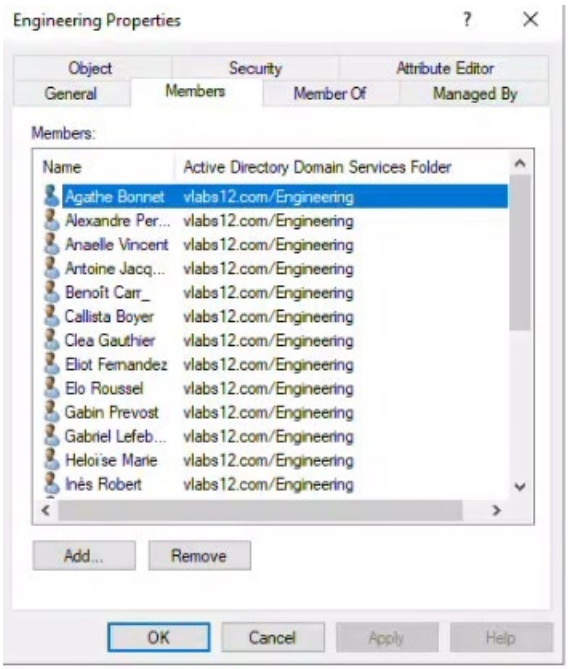
Engineering



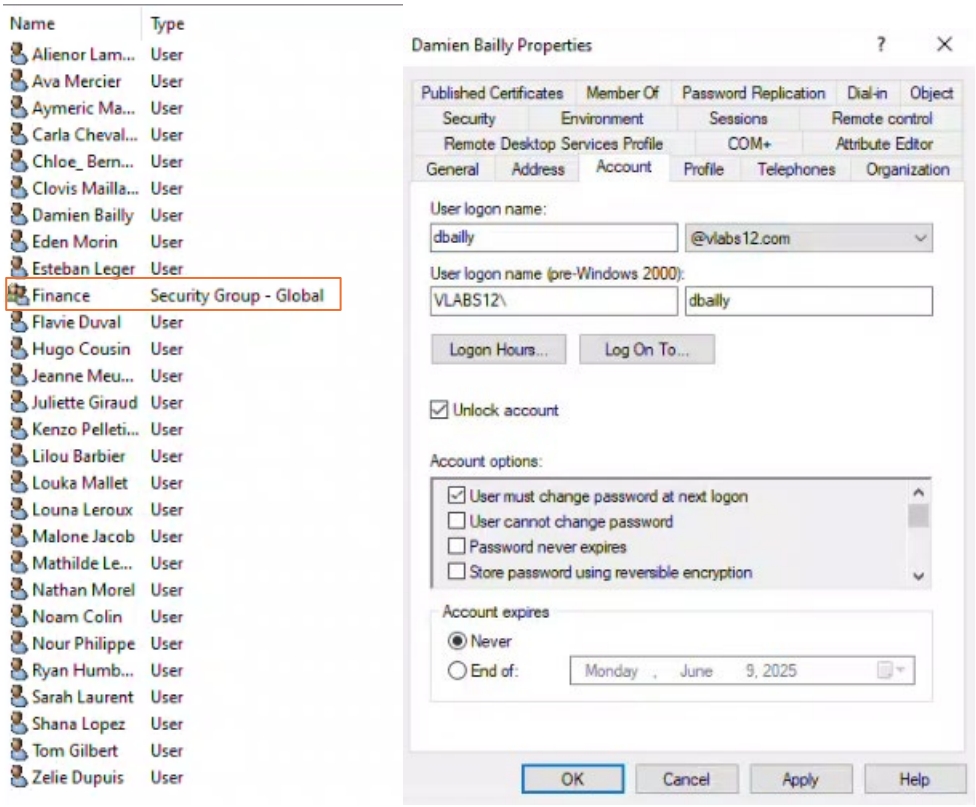

```
PS C:\Users\Administrator.DC112> Get-ADUser -Filter * -SearchBase "OU=Engineering,DC=vlabs12,DC=com" | Select-Object Name, SamAccountName, DistinguishedName

Name              SamAccountName DistinguishedName
----              -------------- -----------------
Agathe Bonnet     abonnet        CN=Agathe Bonnet,OU=Engineering,DC=vlabs12,DC=com
Alexandre Perez   aperez         CN=Alexandre Perez,OU=Engineering,DC=vlabs12,DC=com
Anaelle Vincent   avincent       CN=Anaelle Vincent,OU=Engineering,DC=vlabs12,DC=com
Antoine Jacquet   ajacquet       CN=Antoine Jacquet,OU=Engineering,DC=vlabs12,DC=com
Benoît Carr_      bcarr_         CN=Benoît Carr_,OU=Engineering,DC=vlabs12,DC=com
Callista Boyer    cboyer         CN=Callista Boyer,OU=Engineering,DC=vlabs12,DC=com
Clea Gauthier     cgauthier      CN=Clea Gauthier,OU=Engineering,DC=vlabs12,DC=com
Eliot Fernandez   efernandez     CN=Eliot Fernandez,OU=Engineering,DC=vlabs12,DC=com
Elo Roussel       eroussel       CN=Elo Roussel,OU=Engineering,DC=vlabs12,DC=com
Gabin Prevost     gprevost       CN=Gabin Prevost,OU=Engineering,DC=vlabs12,DC=com
Gabriel Lefebvre  glefebvre      CN=Gabriel Lefebvre,OU=Engineering,DC=vlabs12,DC=com
Heloïse Marie     hmarie         CN=Heloïse Marie,OU=Engineering,DC=vlabs12,DC=com
Inès Robert       irobert        CN=Inès Robert,OU=Engineering,DC=vlabs12,DC=com
Isaac Besson      ibesson        CN=Isaac Besson,OU=Engineering,DC=vlabs12,DC=com
Leny Leblanc      lleblanc       CN=Leny Leblanc,OU=Engineering,DC=vlabs12,DC=com
Leonie Lucas      llucas         CN=Leonie Lucas,OU=Engineering,DC=vlabs12,DC=com
Loanne Girard     lgirard        CN=Loanne Girard,OU=Engineering,DC=vlabs12,DC=com
Mario Caron       mcaron         CN=Mario Caron,OU=Engineering,DC=vlabs12,DC=com
Matheo Rodriguez  mrodriguez     CN=Matheo Rodriguez,OU=Engineering,DC=vlabs12,DC=com
Oriane Benoît     obenoit        CN=Oriane Benoît,OU=Engineering,DC=vlabs12,DC=com
Paul Bouchet      pbouchet       CN=Paul Bouchet,OU=Engineering,DC=vlabs12,DC=com
Thaïs Guillot     tguillot       CN=Thaïs Guillot,OU=Engineering,DC=vlabs12,DC=com
Theo Barthelemy   tbarthelemy    CN=Theo Barthelemy,OU=Engineering,DC=vlabs12,DC=com
Wassim Pasquier   wpasquier      CN=Wassim Pasquier,OU=Engineering,DC=vlabs12,DC=com
Zoe_ Moulin       zmoulin        CN=Zoe_ Moulin,OU=Engineering,DC=vlabs12,DC=com
```

```
PS C:\Users\Administrator.DC112>  Get-ADGroup -Identity "Engineering"


DistinguishedName : CN=Engineering,OU=Engineering,DC=vlabs12,DC=com
GroupCategory     : Security
GroupScope        : Global
Name              : Engineering
ObjectClass       : group
ObjectGUID        : 0ef18ced-b4fe-4ef8-93a5-99ef505747ec
SamAccountName    : Engineering
SID               : S-1-5-21-1463046243-3978224867-743297864-1675
```

Engineering Security group members – all users created for Engineering OU



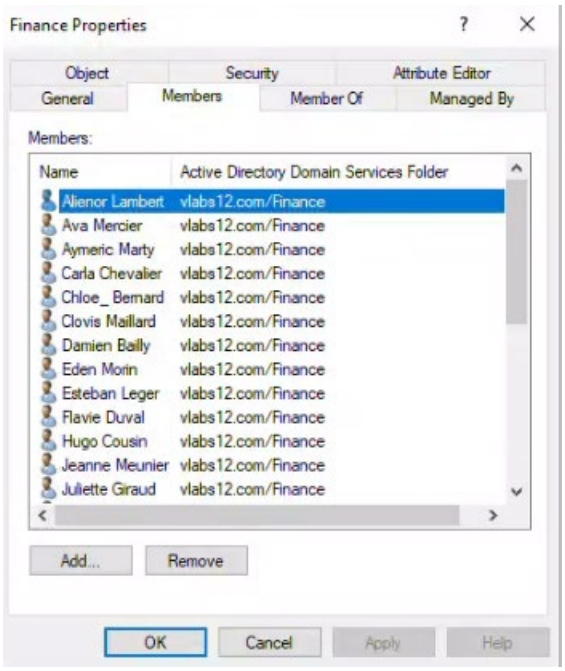
Finance



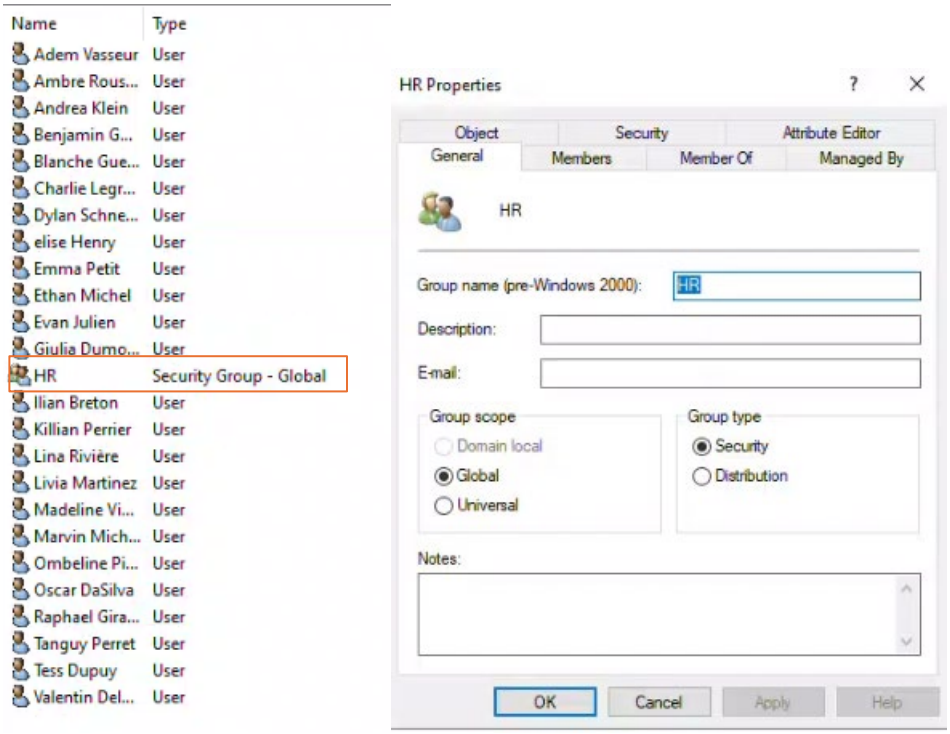

```
PS C:\Users\Administrator.DC112>  Get-ADGroup -Identity "Finance"


DistinguishedName : CN=Finance,OU=Finance,DC=vlabs12,DC=com
GroupCategory     : Security
GroupScope        : Global
Name              : Finance
ObjectClass       : group
ObjectGUID        : 23aa9a6a-cb59-4d25-b586-7973719ff4fb
SamAccountName    : Finance
SID               : S-1-5-21-1463046243-3978224867-743297864-1618
```

```
PS C:\Users\Administrator.DC112> Get-ADUser -Filter * -SearchBase "OU=Finance,DC=vlabs12,DC=com" | Select-Object Name, SamAccountName, DistinguishedName

Name             SamAccountName DistinguishedName
----             -------------- -----------------
Alienor Lambert  alambert       CN=Alienor Lambert,OU=Finance,DC=vlabs12,DC=com
Ava Mercier      amercier       CN=Ava Mercier,OU=Finance,DC=vlabs12,DC=com
Aymeric Marty    amarty         CN=Aymeric Marty,OU=Finance,DC=vlabs12,DC=com
Carla Chevalier  cchevalier     CN=Carla Chevalier,OU=Finance,DC=vlabs12,DC=com
Chloe_ Bernard   cbernard       CN=Chloe_ Bernard,OU=Finance,DC=vlabs12,DC=com
Clovis Maillard  cmaillard      CN=Clovis Maillard,OU=Finance,DC=vlabs12,DC=com
Damien Bailly    dbailly        CN=Damien Bailly,OU=Finance,DC=vlabs12,DC=com
Eden Morin       emorin         CN=Eden Morin,OU=Finance,DC=vlabs12,DC=com
Esteban Leger    eleger         CN=Esteban Leger,OU=Finance,DC=vlabs12,DC=com
Flavie Duval     fduval         CN=Flavie Duval,OU=Finance,DC=vlabs12,DC=com
Hugo Cousin      hcousin        CN=Hugo Cousin,OU=Finance,DC=vlabs12,DC=com
Jeanne Meunier   jmeunier       CN=Jeanne Meunier,OU=Finance,DC=vlabs12,DC=com
Juliette Giraud  jgiraud        CN=Juliette Giraud,OU=Finance,DC=vlabs12,DC=com
Kenzo Pelletier  kpelletier     CN=Kenzo Pelletier,OU=Finance,DC=vlabs12,DC=com
Lilou Barbier    lbarbier       CN=Lilou Barbier,OU=Finance,DC=vlabs12,DC=com
Louka Mallet     lmallet        CN=Louka Mallet,OU=Finance,DC=vlabs12,DC=com
Louna Leroux     lleroux        CN=Louna Leroux,OU=Finance,DC=vlabs12,DC=com
Malone Jacob     mjacob         CN=Malone Jacob,OU=Finance,DC=vlabs12,DC=com
Mathilde Lemoine mlemoine       CN=Mathilde Lemoine,OU=Finance,DC=vlabs12,DC=com
Nathan Morel     nmorel         CN=Nathan Morel,OU=Finance,DC=vlabs12,DC=com
Noam Colin       ncolin         CN=Noam Colin,OU=Finance,DC=vlabs12,DC=com
Nour Philippe    nphilippe      CN=Nour Philippe,OU=Finance,DC=vlabs12,DC=com
Ryan Humbert     rhumbert       CN=Ryan Humbert,OU=Finance,DC=vlabs12,DC=com
Sarah Laurent    slaurent       CN=Sarah Laurent,OU=Finance,DC=vlabs12,DC=com
Shana Lopez      slopez         CN=Shana Lopez,OU=Finance,DC=vlabs12,DC=com
Tom Gilbert      tgilbert       CN=Tom Gilbert,OU=Finance,DC=vlabs12,DC=com
Zelie Dupuis     zdupuis        CN=Zelie Dupuis,OU=Finance,DC=vlabs12,DC=com
```

Finance Security group members – all users created for Finance OU



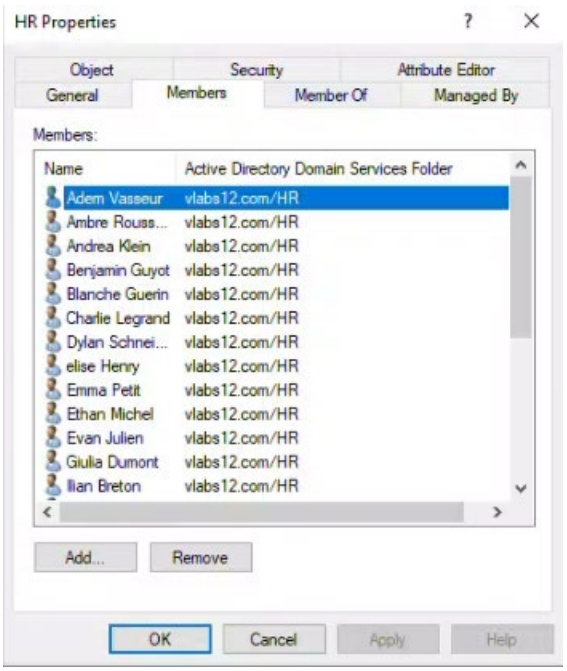
HR



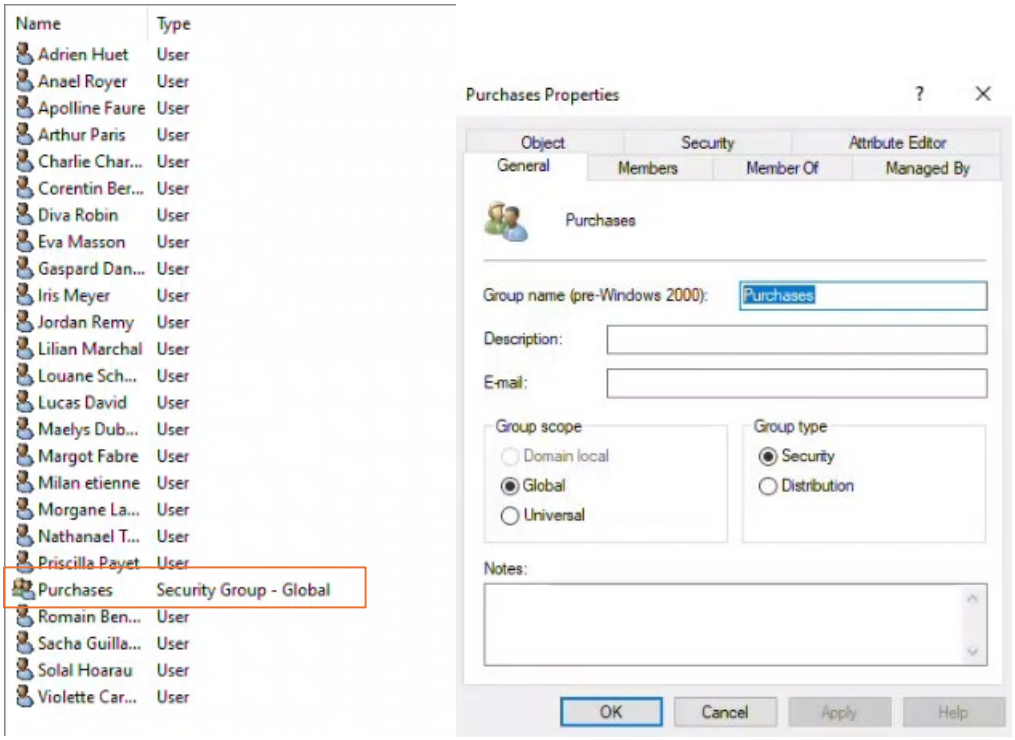
\

```
PS C:\Users\Administrator.DC112> Get-ADUser -Filter * -SearchBase "OU=HR,DC=vlabs12,DC=com" | Select-Object Name, SamAccountName, DistinguishedName

Name              SamAccountName DistinguishedName
----              -------------- -----------------
Adem Vasseur      avasseur       CN=Adem Vasseur,OU=HR,DC=vlabs12,DC=com
Ambre Rousseau    arousseau      CN=Ambre Rousseau,OU=HR,DC=vlabs12,DC=com
Andrea Klein      aklein         CN=Andrea Klein,OU=HR,DC=vlabs12,DC=com
Benjamin Guyot    bguyot         CN=Benjamin Guyot,OU=HR,DC=vlabs12,DC=com
Blanche Guerin    bguerin        CN=Blanche Guerin,OU=HR,DC=vlabs12,DC=com
Charlie Legrand   clegrand       CN=Charlie Legrand,OU=HR,DC=vlabs12,DC=com
Dylan Schneider   dschneider     CN=Dylan Schneider,OU=HR,DC=vlabs12,DC=com
elise Henry       ehenry         CN=elise Henry,OU=HR,DC=vlabs12,DC=com
Emma Petit        epetit         CN=Emma Petit,OU=HR,DC=vlabs12,DC=com
Ethan Michel      emichel        CN=Ethan Michel,OU=HR,DC=vlabs12,DC=com
Evan Julien       ejulien        CN=Evan Julien,OU=HR,DC=vlabs12,DC=com
Giulia Dumont     gdumont        CN=Giulia Dumont,OU=HR,DC=vlabs12,DC=com
Ilian Breton      ibreton        CN=Ilian Breton,OU=HR,DC=vlabs12,DC=com
Killian Perrier   kperrier       CN=Killian Perrier,OU=HR,DC=vlabs12,DC=com
Lina Rivière      lrivière       CN=Lina Rivière,OU=HR,DC=vlabs12,DC=com
Livia Martinez    lmartinez      CN=Livia Martinez,OU=HR,DC=vlabs12,DC=com
Madeline Vidal    mvidal         CN=Madeline Vidal,OU=HR,DC=vlabs12,DC=com
Marvin Michaud    mmichaud       CN=Marvin Michaud,OU=HR,DC=vlabs12,DC=com
Ombeline Pierre   opierre        CN=Ombeline Pierre,OU=HR,DC=vlabs12,DC=com
Oscar DaSilva     odasilva       CN=Oscar DaSilva,OU=HR,DC=vlabs12,DC=com
Raphael Girard    rgirard        CN=Raphael Girard,OU=HR,DC=vlabs12,DC=com
Tanguy Perret     tperret        CN=Tanguy Perret,OU=HR,DC=vlabs12,DC=com
Tess Dupuy        tdupuy         CN=Tess Dupuy,OU=HR,DC=vlabs12,DC=com
Valentin Delaunay vdelaunay      CN=Valentin Delaunay,OU=HR,DC=vlabs12,DC=com
```

HR Security group members – all users created for HR OU

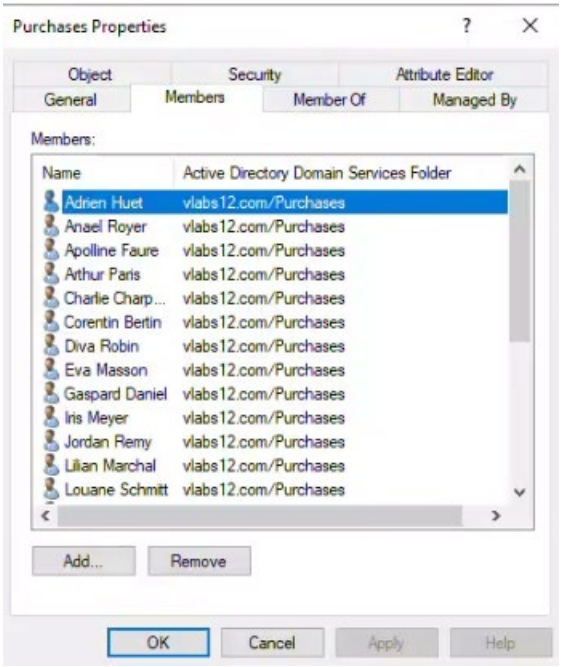

HR Properties
Object
Security
Attribute Editor
General
Members
Member Of
Managed By
Members:
Name
Active Directory Domain Services Folder
Adem Vasseur vlabs12.com/HR
Ambre Rouss... vlabs12.com/HR
Andrea Klein vlabs12.com/HR
Benjamin Guyot vlabs12.com/HR
Blanche Guerin vlabs12.com/HR
Charlie Legrand vlabs12.com/HR
Dylan Schnei... vlabs12.com/HR
elise Henry vlabs12.com/HR
Emma Petit vlabs12.com/HR
Ethan Michel vlabs12.com/HR
Evan Julien vlabs12.com/HR
Giulia Dumont vlabs12.com/HR
Ilian Breton vlabs12.com/HR
Add...
Remove
OK
Cancel
Apply
Help

Purchases



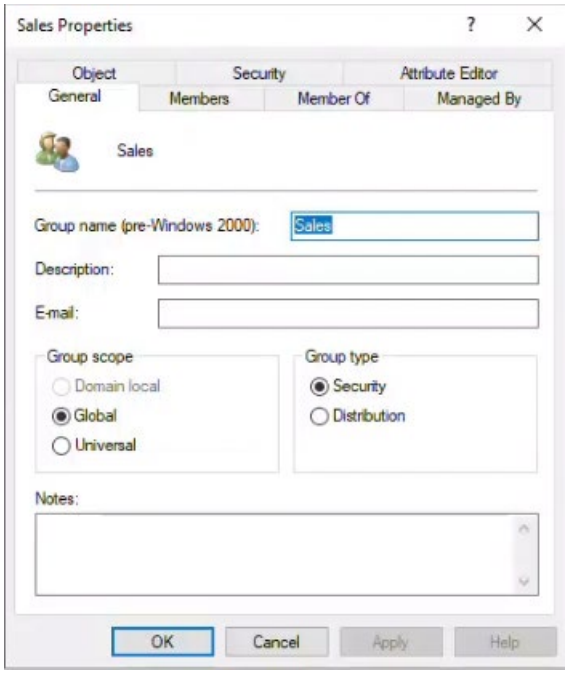

```
PS C:\Users\Administrator.DC112> Get-ADUser -Filter * -SearchBase "OU=Purchases,DC=vlabs12,DC=com" | Select-Object Name, SamAccountName, DistinguishedName

Name               SamAccountName DistinguishedName
----               -------------- -----------------
Adrien Huet        ahuet          CN=Adrien Huet,OU=Purchases,DC=vlabs12,DC=com
Anael Royer        aroyer         CN=Anael Royer,OU=Purchases,DC=vlabs12,DC=com
Apolline Faure     afaure         CN=Apolline Faure,OU=Purchases,DC=vlabs12,DC=com
Arthur Paris       aparis         CN=Arthur Paris,OU=Purchases,DC=vlabs12,DC=com
Charlie Charpentier ccharpentier   CN=Charlie Charpentier,OU=Purchases,DC=vlabs12,DC=com
Corentin Bertin    cbertin        CN=Corentin Bertin,OU=Purchases,DC=vlabs12,DC=com
Diva Robin         drobin         CN=Diva Robin,OU=Purchases,DC=vlabs12,DC=com
Eva Masson         emasson        CN=Eva Masson,OU=Purchases,DC=vlabs12,DC=com
Gaspard Daniel     gdaniel        CN=Gaspard Daniel,OU=Purchases,DC=vlabs12,DC=com
Iris Meyer         imeyer         CN=Iris Meyer,OU=Purchases,DC=vlabs12,DC=com
Jordan Remy        jremy          CN=Jordan Remy,OU=Purchases,DC=vlabs12,DC=com
Lilian Marchal     lmarchal       CN=Lilian Marchal,OU=Purchases,DC=vlabs12,DC=com
Louane Schmitt     lschmitt       CN=Louane Schmitt,OU=Purchases,DC=vlabs12,DC=com
Lucas David        ldavid         CN=Lucas David,OU=Purchases,DC=vlabs12,DC=com
Maelys Dubois      mdubois        CN=Maelys Dubois,OU=Purchases,DC=vlabs12,DC=com
Margot Fabre       mfabre         CN=Margot Fabre,OU=Purchases,DC=vlabs12,DC=com
Milan etienne      metienne       CN=Milan etienne,OU=Purchases,DC=vlabs12,DC=com
Morgane Lacroix    mlacroix       CN=Morgane Lacroix,OU=Purchases,DC=vlabs12,DC=com
Nathanael Tessier  ntessier       CN=Nathanael Tessier,OU=Purchases,DC=vlabs12,DC=com
Priscilla Payet    ppayet         CN=Priscilla Payet,OU=Purchases,DC=vlabs12,DC=com
Romain Benard      rbenard        CN=Romain Benard,OU=Purchases,DC=vlabs12,DC=com
Sacha Guillaume    sguillaume     CN=Sacha Guillaume,OU=Purchases,DC=vlabs12,DC=com
Solal Hoarau       shoarau        CN=Solal Hoarau,OU=Purchases,DC=vlabs12,DC=com
Violette Carpentier vcarpentier   CN=Violette Carpentier,OU=Purchases,DC=vlabs12,DC=com
```

Purchases Security group members – all users created for Purchases OU

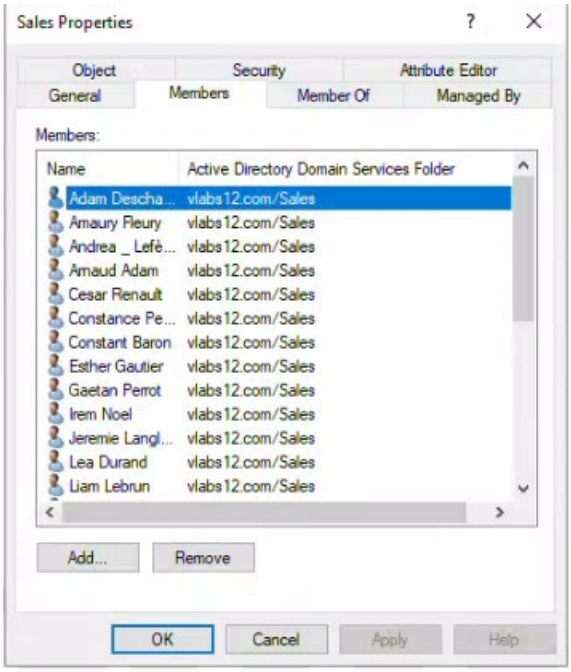

Purchases Properties
Object
Security
Attribute Editor
General
Members
Member Of
Managed By
Members:
Name
Active Directory Domain Services Folder
Adrien Huet vlabs12.com/Purchases
Anael Royer vlabs12.com/Purchases
Apolline Faure vlabs12.com/Purchases
Arthur Paris vlabs12.com/Purchases
Charlie Charp... vlabs12.com/Purchases
Corentin Bertin vlabs12.com/Purchases
Diva Robin vlabs12.com/Purchases
Eva Masson vlabs12.com/Purchases
Gaspard Daniel vlabs12.com/Purchases
Iris Meyer vlabs12.com/Purchases
Jordan Remy vlabs12.com/Purchases
Lilian Marchal vlabs12.com/Purchases
Louane Schmitt vlabs12.com/Purchases
Add...
Remove
OK
Cancel
Apply
Help

Sales

Name
Type
Adam Desch... User
Amaury Fleu... User
Andrea _ Lef... User
Arnaud Adam User
Cesar Renault User
Constance P... User
Constant Ba... User
Esther Gautier User
Gaetan Perrot User
Irem Noel User
Jeremie Lan... User
Lea Durand User
Liam Lebrun User
Lou Renard User
Louis Roux User
Mael Hamon User
Mayeul Gillet User
Mayssa Roger User
Mila Dumas User
Naim Poulain User
Pia Leclerc User
Renan Lema... User
Rose Leclercq User
Sales Security Group - Global
Sevan Antoine User
Timothee Pi... User
Tiphaine Ber... User
Ylan Laporte User


Sales Properties
Object
Security
Attribute Editor
General
Members
Member Of
Managed By
Sales
Group name (pre-Windows 2000):
Sales
Description:
E-mail:
Group scope
Domain local
Global
Universal
Group type
Security
Distribution
Notes:
OK
Cancel
Apply
Help

Sales Security group members – all users created for Sales OU




```
PS C:\Users\Administrator.DC112> Get-ADUser -Filter * -SearchBase "OU=Sales,DC=vlabs12,DC=com" | Select-Object Name, SamAccountName, DistinguishedName

Name             SamAccountName DistinguishedName
----             -------------- -----------------
Adam Deschamps   adeschamps     CN=Adam Deschamps,OU=Sales,DC=vlabs12,DC=com
Amaury Fleury    afleury        CN=Amaury Fleury,OU=Sales,DC=vlabs12,DC=com
Andrea _ Lefèvre alefèvre       CN=Andrea _ Lefèvre,OU=Sales,DC=vlabs12,DC=com
Arnaud Adam      aadam          CN=Arnaud Adam,OU=Sales,DC=vlabs12,DC=com
Cesar Renault    crenault       CN=Cesar Renault,OU=Sales,DC=vlabs12,DC=com
Constance Perrin cperrin        CN=Constance Perrin,OU=Sales,DC=vlabs12,DC=com
Constant Baron   cbaron         CN=Constant Baron,OU=Sales,DC=vlabs12,DC=com
Esther Gautier   egautier       CN=Esther Gautier,OU=Sales,DC=vlabs12,DC=com
Gaetan Perrot    gperrot        CN=Gaetan Perrot,OU=Sales,DC=vlabs12,DC=com
Irem Noel        inoel          CN=Irem Noel,OU=Sales,DC=vlabs12,DC=com
Jeremie Langlois jlanglois      CN=Jeremie Langlois,OU=Sales,DC=vlabs12,DC=com
Lea Durand       ldurand        CN=Lea Durand,OU=Sales,DC=vlabs12,DC=com
Liam Lebrun      llebrun        CN=Liam Lebrun,OU=Sales,DC=vlabs12,DC=com
Lou Renard       lrenard        CN=Lou Renard,OU=Sales,DC=vlabs12,DC=com
Louis Roux       lroux          CN=Louis Roux,OU=Sales,DC=vlabs12,DC=com
Mael Hamon       mhamon         CN=Mael Hamon,OU=Sales,DC=vlabs12,DC=com
Mayeul Gillet    mgillet        CN=Mayeul Gillet,OU=Sales,DC=vlabs12,DC=com
Mayssa Roger     mroger         CN=Mayssa Roger,OU=Sales,DC=vlabs12,DC=com
Mila Dumas       mdumas         CN=Mila Dumas,OU=Sales,DC=vlabs12,DC=com
Naim Poulain     npoulain       CN=Naim Poulain,OU=Sales,DC=vlabs12,DC=com
Pia Leclerc      pleclerc       CN=Pia Leclerc,OU=Sales,DC=vlabs12,DC=com
Renan Lemaître   rlemaître      CN=Renan Lemaître,OU=Sales,DC=vlabs12,DC=com
Rose Leclercq    rleclercq      CN=Rose Leclercq,OU=Sales,DC=vlabs12,DC=com
Sevan Antoine    santoine       CN=Sevan Antoine,OU=Sales,DC=vlabs12,DC=com
Timothee Pichon  tpichon        CN=Timothee Pichon,OU=Sales,DC=vlabs12,DC=com
Tiphaine Berger  tberger        CN=Tiphaine Berger,OU=Sales,DC=vlabs12,DC=com
Ylan Laporte     ylaporte       CN=Ylan Laporte,OU=Sales,DC=vlabs12,DC=com
```