

Lab 4 - Managing User Accounts

Objective

This lab is designed to help you practice **managing user accounts** in Active Directory using **Active Directory Administrative Center**, **Active Directory Users and Computers** and **PowerShell**.

You will perform tasks related to **user creation, movement, enabling/disabling accounts, locking/unlocking users, and configuring roaming profiles**.

Lab Requirements

- Domain Name: **vlabsXX.com**
 - **Servers:**
 - **DC1XX** (Windows Server 2022, Primary DC for vlabs.com)
 - **SRVXX** (Windows Server 2025 - domain-joined) → *Roaming profiles will be configured here.*
 - **Client Machine:**
 - **ClientXX** (Windows 11 - domain-joined).
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Tasks

Task 1: Install a Windows File Server 2025

- OS: **Windows Server 2025 Standard Edition (Desktop Experience)**
- Serial number: **HMP2Y-T9NJ2-Q8MH6-2VGM9-CDQMB**
- Name: **SRVXX** – Where **XX** is your remote computer number
- Role: **File/Printer Server**
- Specs: **2 vCPU, 4 GB RAM, 60 GB HDD**
- Network: **LAN Segment: LAN1**
 - Assign a static IP: **192.168.X.10/24**
 - Set DNS Server: **192.168.X.1**
- Join this server to the **vlabsXX.com** domain.

Task 2: Create Organizational Units (OUs) and Users

1. Create the following **OUs** using the **Active Directory Administrative Center**
 - **HR OU** and **IT OU**
 2. Create the following **users** in the **HR OU** using the **Active Directory Administrative Center**
 - **Sophie Lambert (s.lambert)**
 - **Liam Dupont (l.dupont)**
 - **Emma Morel (e.morel)**
 3. Create the following users in the **IT OU** using **PowerShell**:
 - **Lucas Bernard (l.bernard)**
 - **Thomas Aviles (t.aviles)**
 - **Chloe Girard (c.girard)** *(This user should be disabled during creation).*
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Task 3: Delete Users

1. Delete the user account **Liam Dupont** using **Active Directory Administrative Center**
 2. Delete the user account **Thomas Aviles** using **PowerShell**.
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Task 4: Move Users Between Organizational Units (OUs)

1. Move the user account **Sophie Lambert** to the **IT OU** using **Active Directory Administrative Center**
 2. Move the user account **Lucas Bernard** to the **HR OU** using **PowerShell**.
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Task 5: Modify Users in IT OU

1. Assign the user account **Sophie Lambert** as **Manager** for all users in the **IT OU** using **PowerShell**.
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Task 6: Enable and Disable User Accounts

1. Disable the user account **Emma Morel** using the **Active Directory Administrative Center**.
 2. Enable the user account **Chloe Girard** using **PowerShell**.
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Task 7: Lock and Unlock Users

1. Find all locked-out users using **PowerShell**.
 2. Try to unlock the user account **Chloe Girard** using **PowerShell**. *Note: His account is not locked. It is just to practice this command.*
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Task 8: Configure Roaming Profiles on SRVX

1. Create a shared folder **C:\Profiles** on **SRVXX**.
 2. Configure NTFS and share permissions for roaming profiles.
 3. Assign a roaming profile path for **Emma Morel** using the **Active Directory Administrative Center**.
 4. Assign a roaming profile path for the user account **Lucas Bernard** using **PowerShell**.
 5. Log in from **ClientXX** and verify the profile is stored in **\\SRVXX\Profiles\$\%username%**.
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Task 9: Create a Template User for HR

1. Create a template user for the **HR OU** with the following properties:
 - Full Name: **HR Template**
 - sAMAccountName: **hr.template**
 - Job Title: **HR Assistant**
 - Department: **HR**
 - Email: **hr.template@vlabs.com**
 - Account Status: **Disabled**
 - Description: **Template user for HR new hires.**
 - Profile: **\\SRVX\Profiles\$\%username%**

Task 10: Verify New Users from DC2XX (RODC Core Server)

1. Use **PowerShell** on **DC2XX** to verify the newly created users exist and are replicated correctly in the **RODC**.
 2. Ensure the users from **HR and IT OUs** are visible.
 3. Confirm that disabled or deleted users are reflected on **DC2XX**.
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Lab Deliverables

You should submit a **lab report** in **PDF** including **screenshots** covering your work.