OSM720 LAB7

LOHAN VADDEPALLY
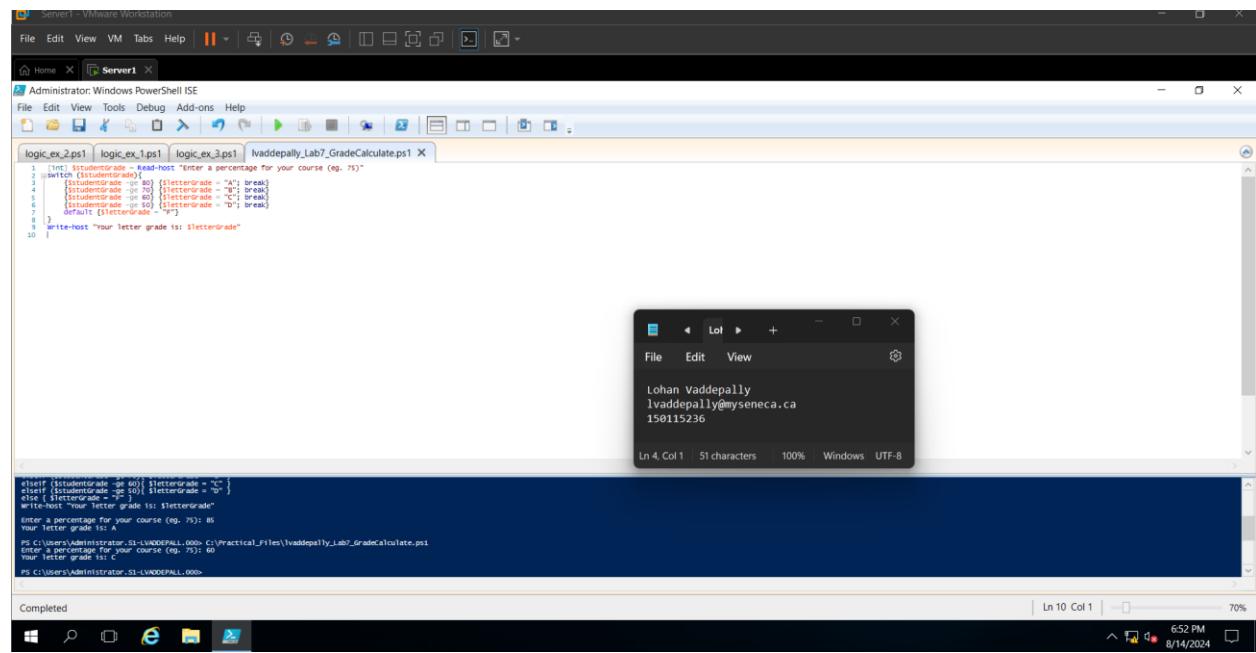
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Part 1: Control Flow Structures
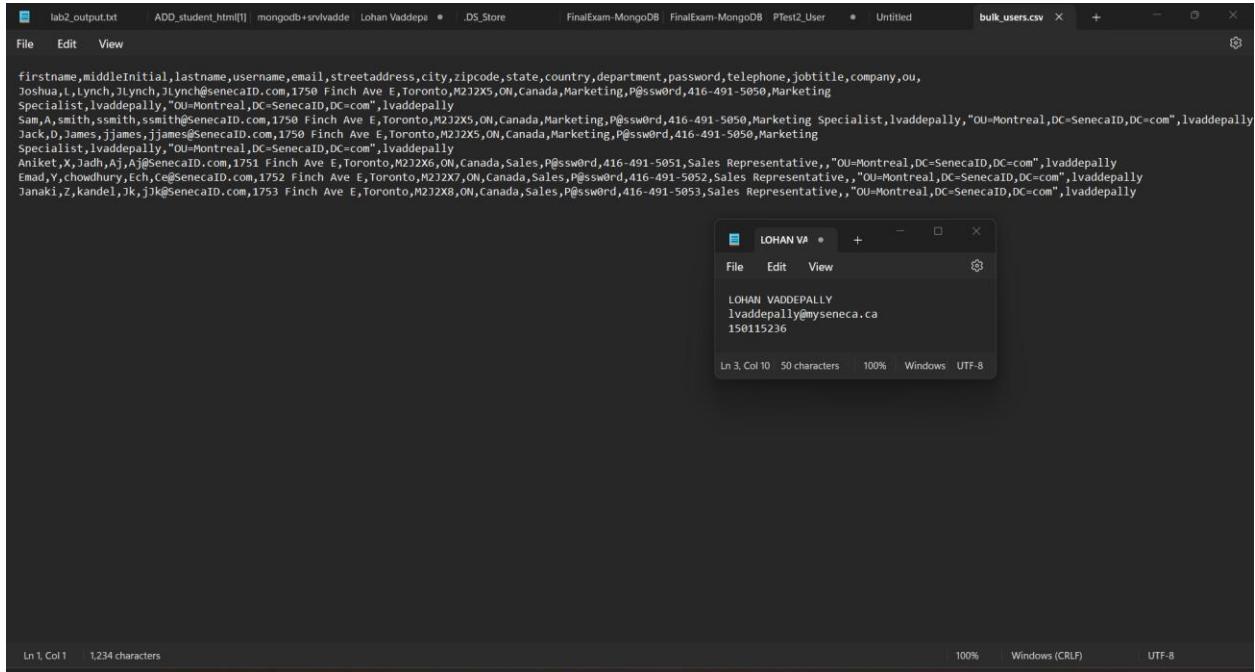
Part 2: Editing Scripts to Create User Accounts

1.   *Why are there double-quotes around the OU value in the CSV file?*

In CSV file the double-quotes are used to ensure that the entire OU value is treated as a single string, especially if it contains commas or spaces.

2.Take a screen shot of the CSV file open on your screen with the old and new user account entries displayed. You can do this in Excel or Notepad.

PASTE SCREENSHOT HERE (OLD and NEW)

3.*What will happen if you have a user account name in your .CSV file that already exists in the Active Directory database of your domain?*

If a user account name already exists, the script will likely fail to create that user and throw an error indicating a duplicate account. The script sends a warning message stating that the user already exists in the Active Directory.

4.When these newly created users login to the domain for the first time, what will happen? How do you know?
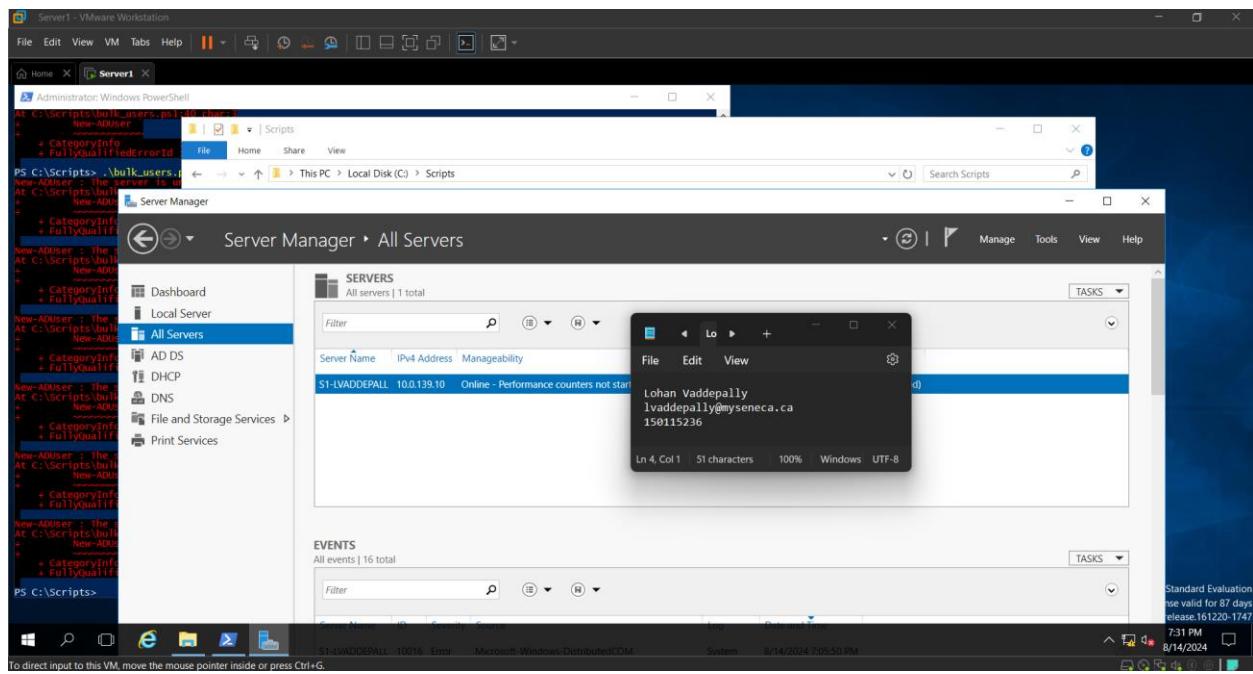
When newly created users log in for the first time, they will be prompted to change their password. This is standard Active Directory behavior for new accounts. New users will be prompted to change their passwords at first based on the powershell bulk_users.ps1 script where "ChangePasswordatLogon" equals True.

5.Why do we need to run this script on Server 1? Would it work on ServerCore Server?
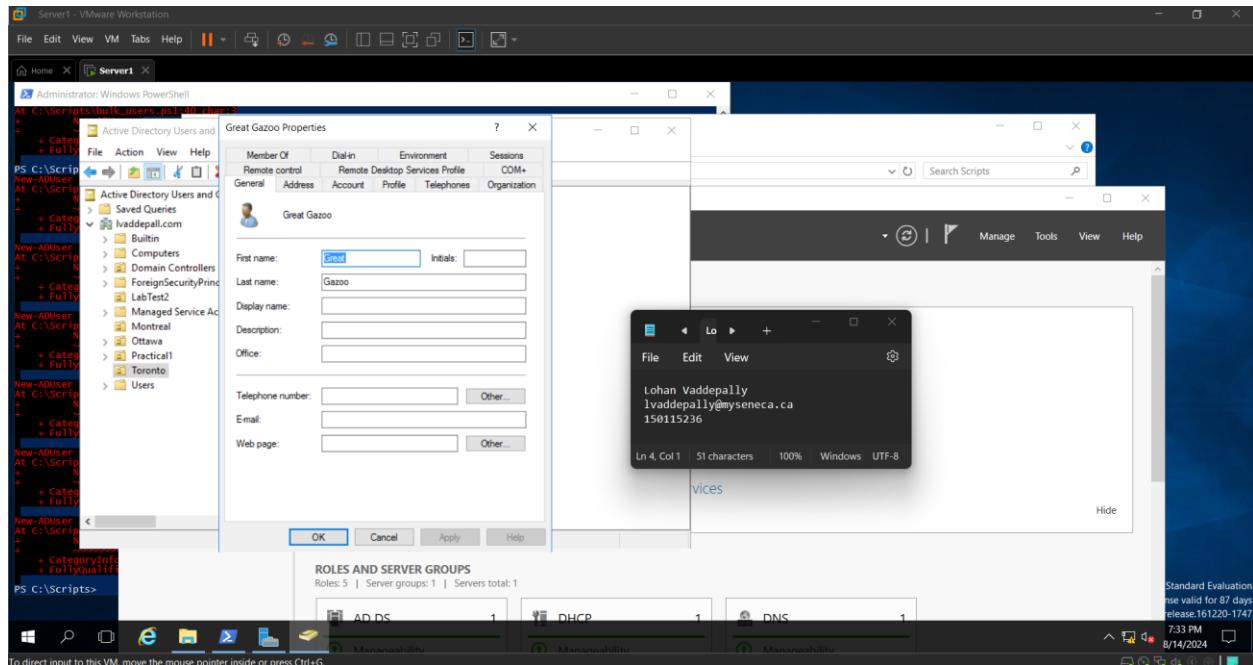
The script needs to be run on Server 1 because it has the necessary Active Directory tools and permissions configured. It might not work on ServerCore Server due to the lack of a full graphical interface and possibly missing modules.

6.While the command is displayed on the PowerShell Window, take a screen shot of the PowerShell window.

PASTE SCREENSHOT HERE

7.Select one of your new users and open the Properties dialog box for that user. Take a screen shot of 2 of the properties pages that show the parameters that were set by the script and CSV file. PASTE SCREENSHOTS HERE

8.Look for the OU path where the user accounts will be created. Edit the path to match one of your OUs and your domain.

9.*What is the minimum password length that must be entered? Change it to 8 characters.*
In the EnterADUsers script, password was defaulted to 12 characters

Setting password length to 8 characters

10.*What are lines 104-141 doing?*

1. It checks whether the password meets the required minimum length and issues a warning if it does not.
2. It verifies the presence of special characters in the password, notifying the user if any are missing or increasing the pass counter if present.
3. It ensures that the password includes numeric characters, adjusting the pass counter accordingly and providing feedback if none are found.
4. It checks for lowercase letters, incrementing the pass counter if they are included and reporting any deficiencies.
5. It looks for uppercase letters, notifying the user of success and updating the pass counter as needed.

11.*What happens if you enter user information that creates a duplicate user?*

The script issues a warning indicating that the logon name VADDEPALLY (created by combining the first initial of the first name "LOHAN" with the last name "VADDEPALLY") already exists. The script then suggests the alternative logon name PFERRAO and prompts for a password input.