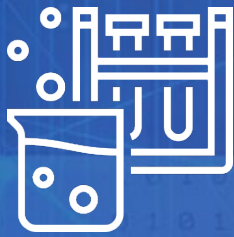


# Lab Assignment & Solution



Cybersecurity Professional Program

Microsoft Security

## Group Policy

**MS-05-L2**

**Restricted Groups & Logon  
Script GPO Configuration**

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## Lab Objective

Learn how to integrate scripts in group policies and how to modify permissions using restricted groups.

## Lab Mission

Create a GPO with a script that is activated upon each computer logon and provides users with administrative permissions via restricted groups.

## Lab Duration

20–45 minutes

## Requirements

- Knowledge of the ADUC structure

## Resources

- Environment & Tools
  - VirtualBox
    - Windows Server 2016
    - Windows 7 & 10
- Extra Lab Files
  - ***Welcome.bat***

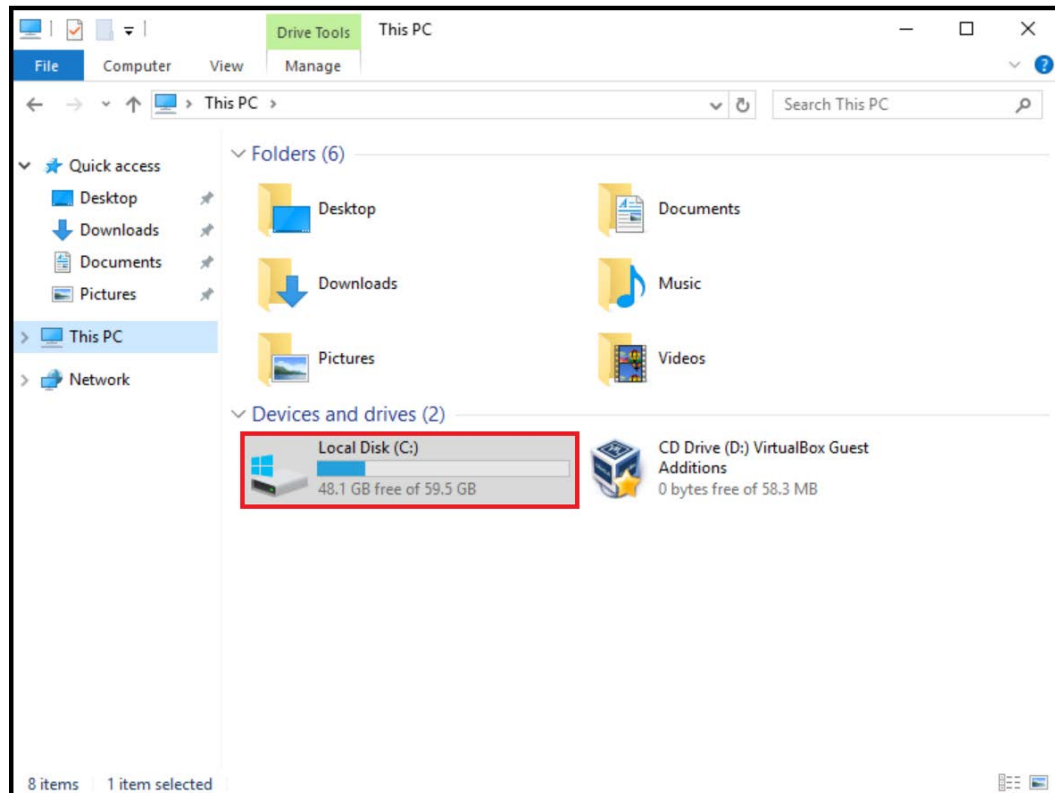
## Lab Task 1: Folder Sharing

In this task, you will create a shared folder.

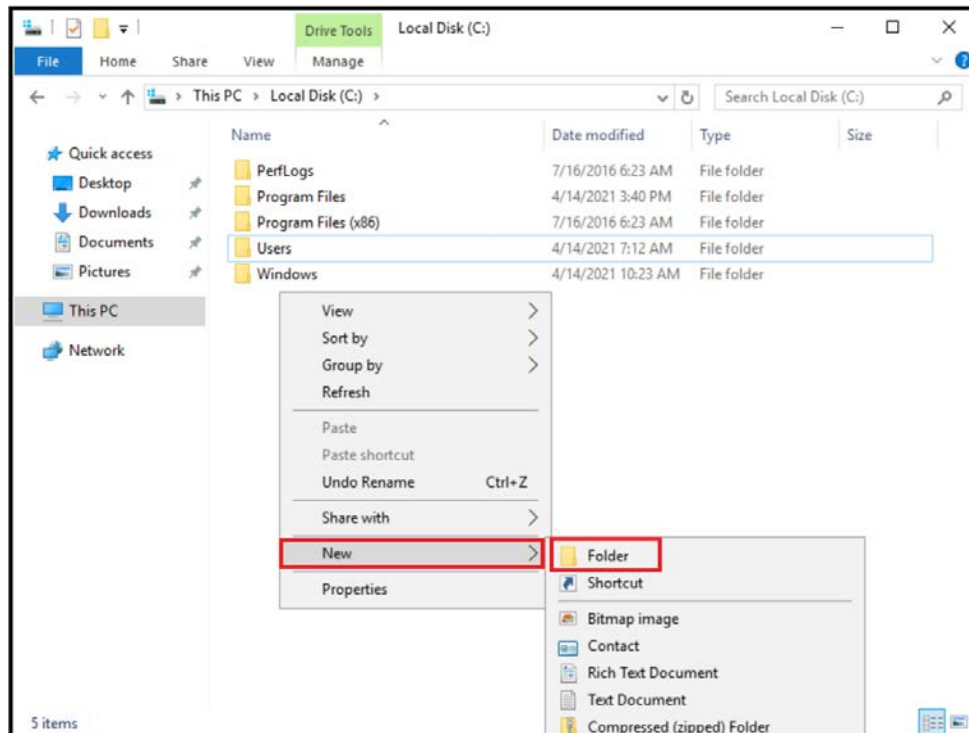
- 1 Log on to Server1 and open the File Explorer by clicking the directory icon at the bottom of the screen.



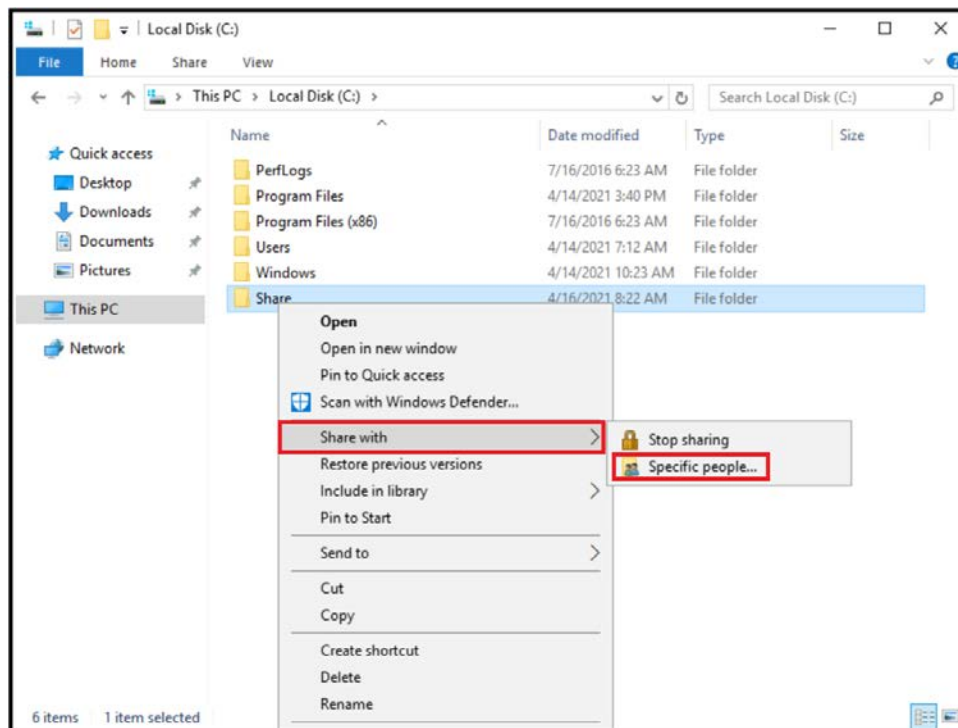
- 2 Under **This PC**, double-click **Local Disk (C:)**



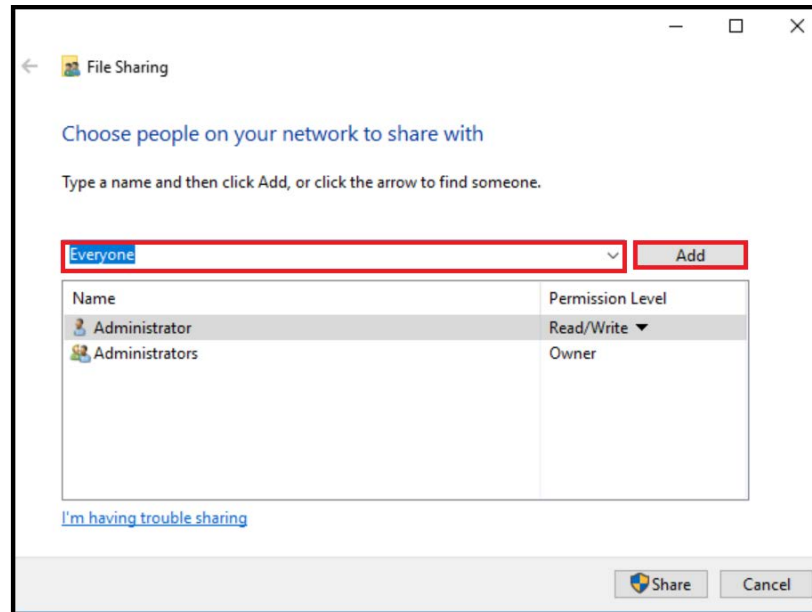
### 3 Create a new folder called **Share**.



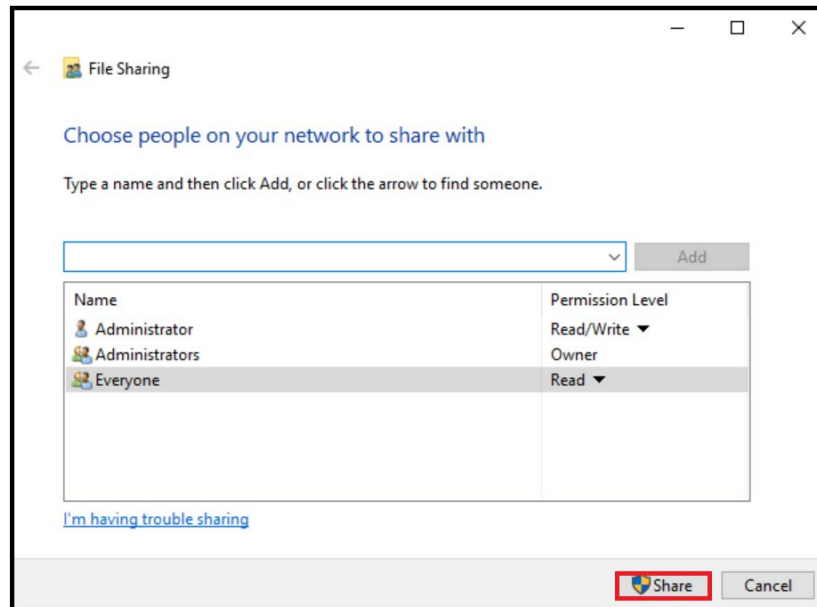
### 4 Right-click the new folder. Under **Share with**, click **Specific people**.



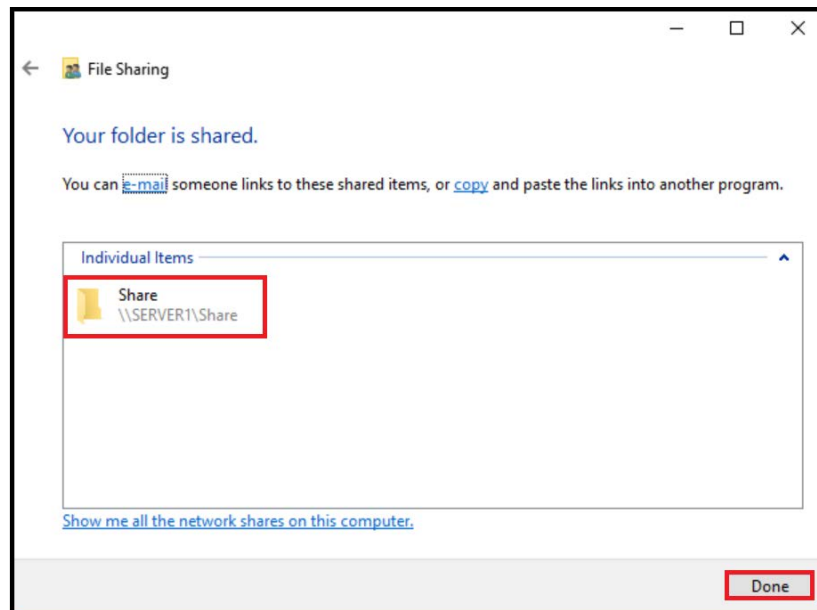
- 5 In the new window, select **Everyone** via the drop-down menu and click **Add**.



## 6 Click **Share**.



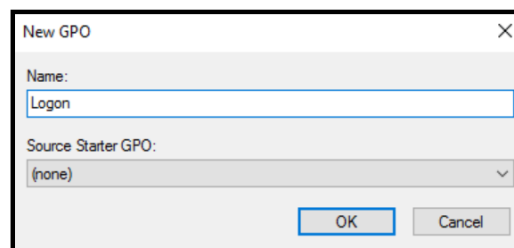
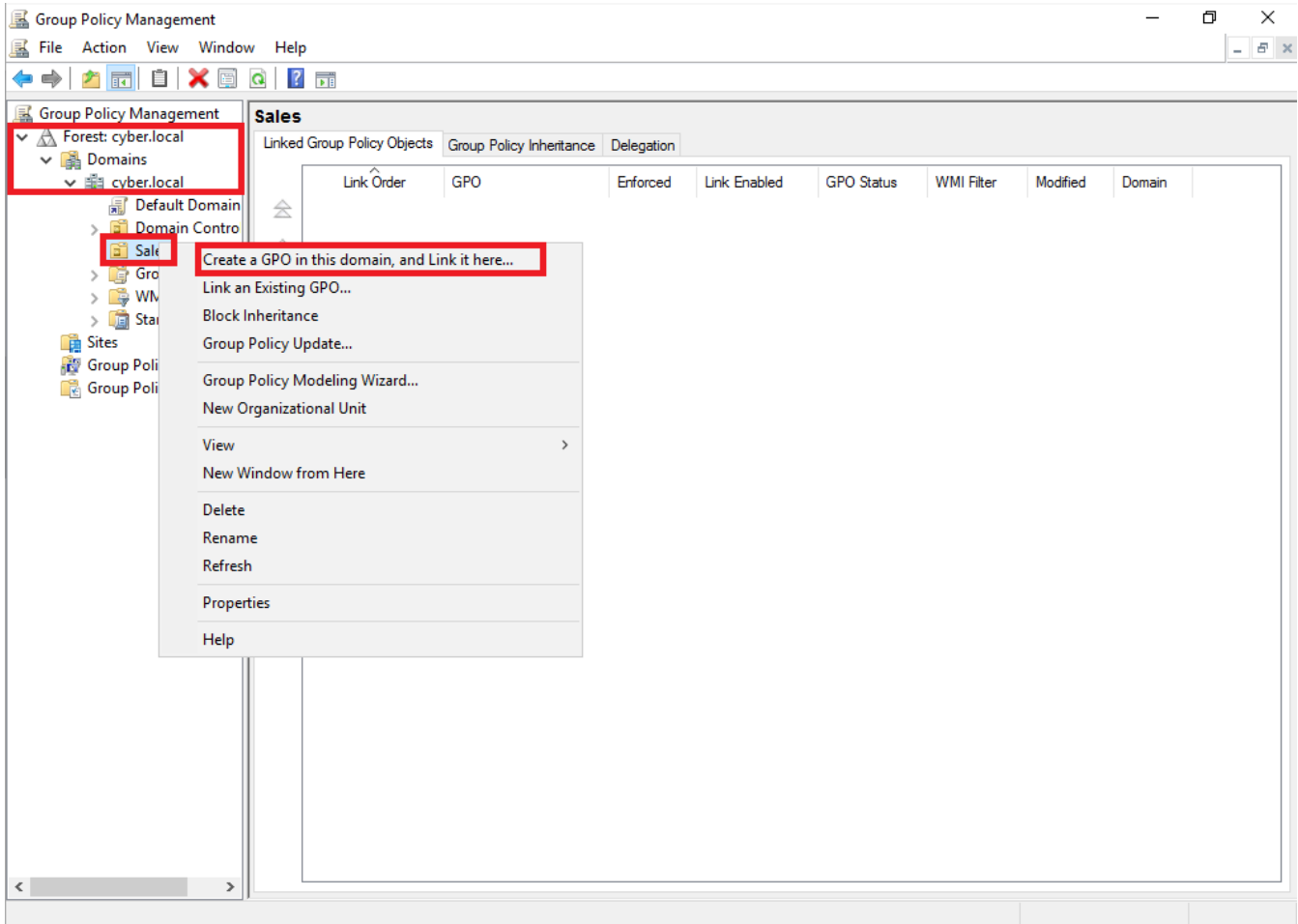
## 7 Verify that the path to the folder is **\\SERVER1\Share** and click **Done**.



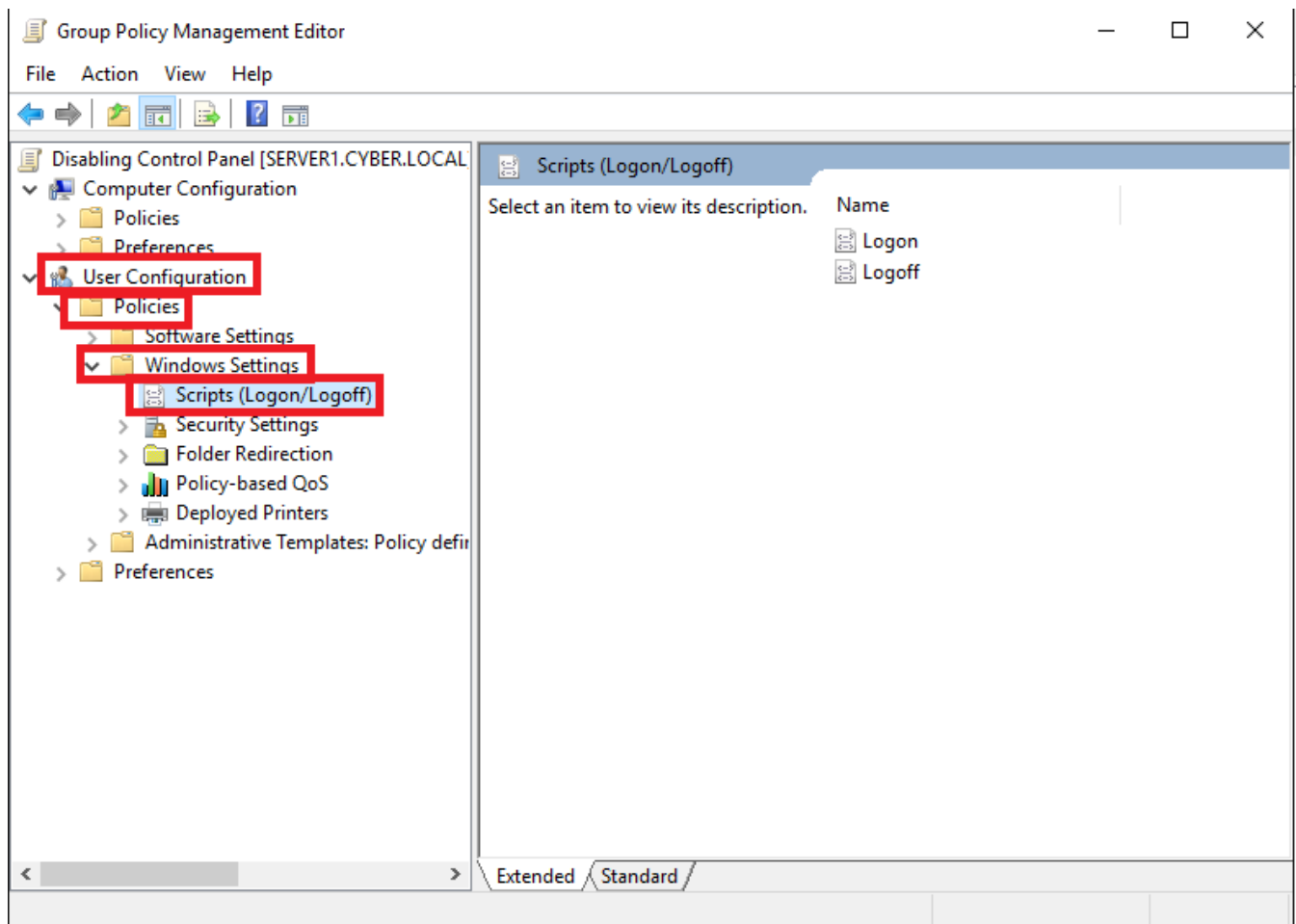
## Lab Task 2: Logon Script GPO Configuration

In this task, you will create a GPO, link it to the Sales OU, and configure the GPO to run logon scripts on all sales users.

## 1 Under **Sales** OU, create a new GPO named **Logon**.

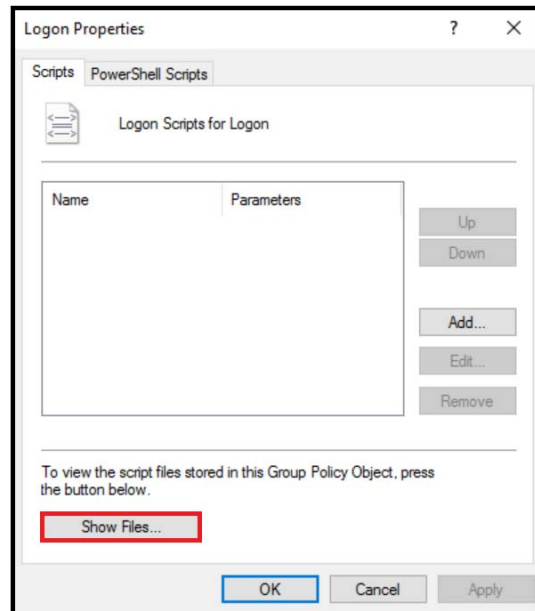
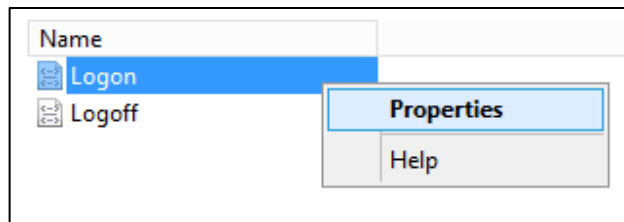


## 2 Right-click on the newly created **Logon** GPO and select **Edit**. Then navigate to **User Configuration > Policies > Windows Settings > Scripts (Logon/Logoff)** and select it.

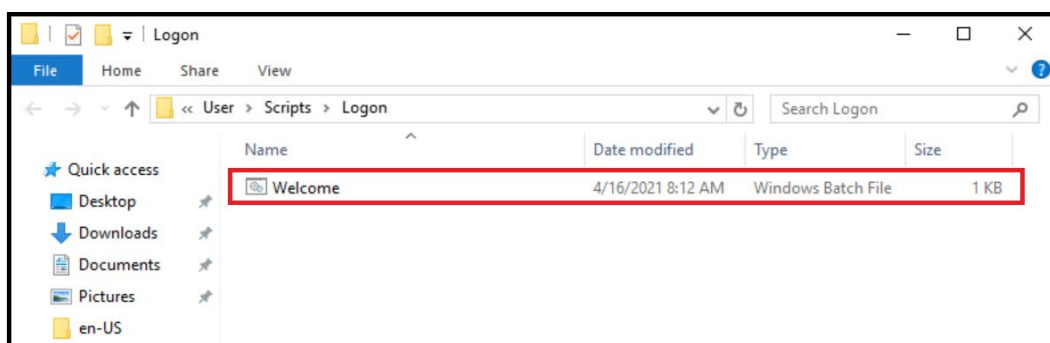




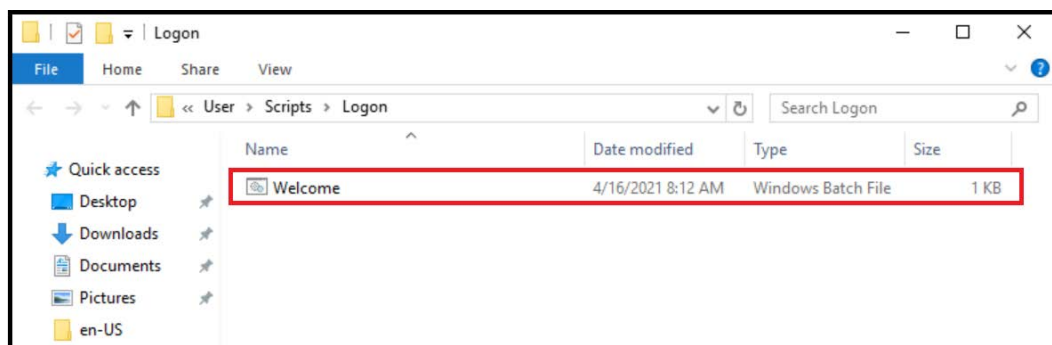
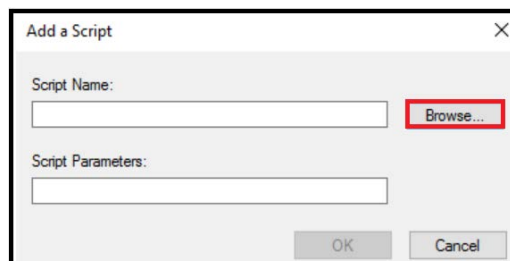
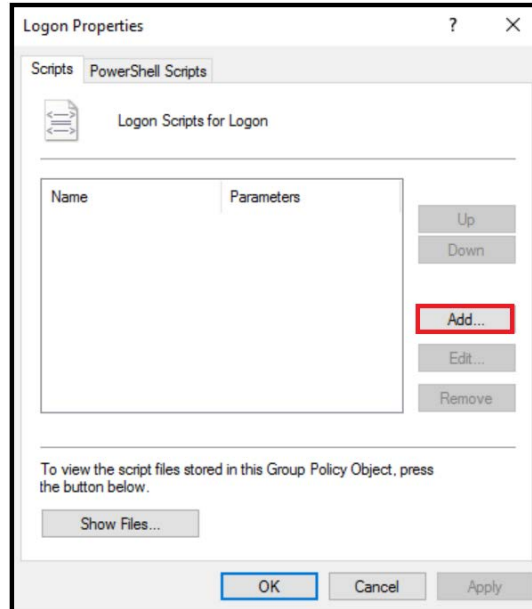
- 3 Right-click **Logon** and select **Properties**. In the new window, click **Show Files....**



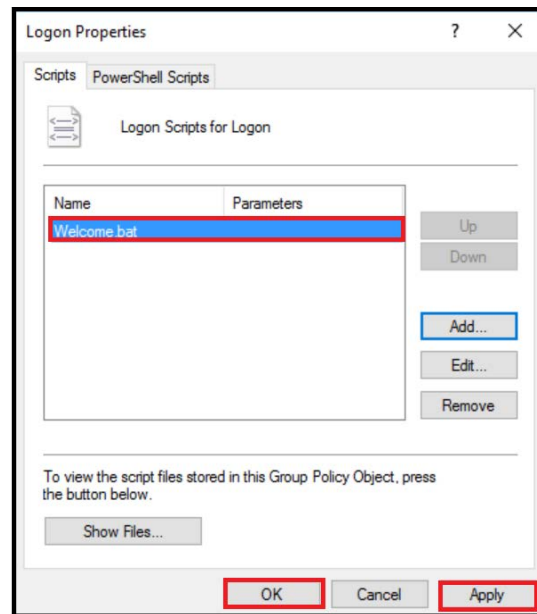
- 4 Copy the **Welcome.bat** script to the Logon script directory.



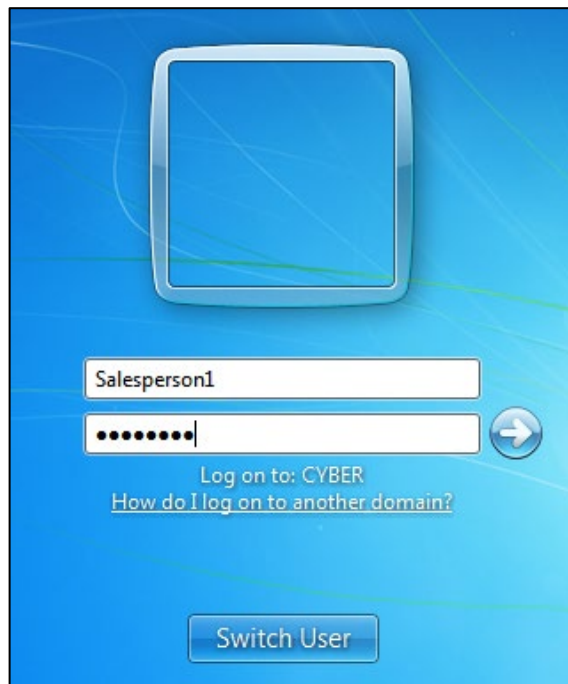
- 5 Click **Add** and **Browse** to select the script from the folder.
- Note:** The file **Welcome.bat** contains code that maps a drive to the **Shared** folder from Server1.

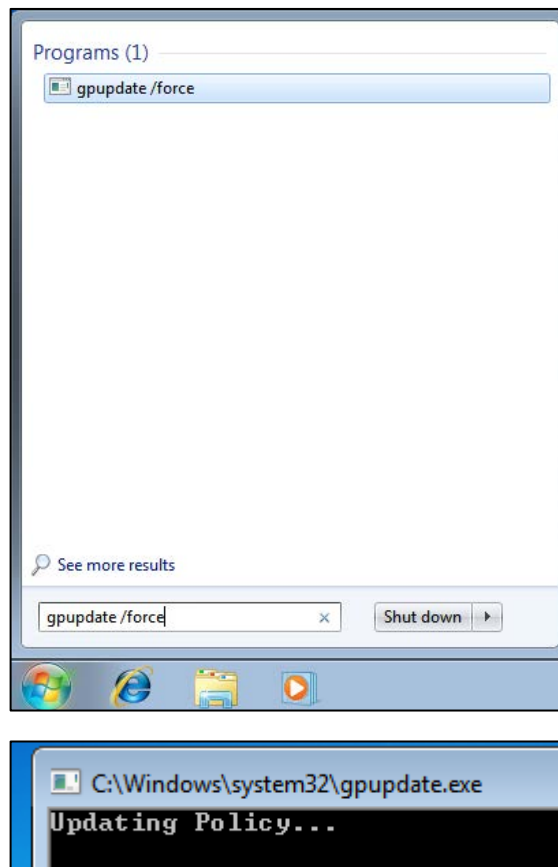


- 6 Click **Apply** and **OK** to apply changes.

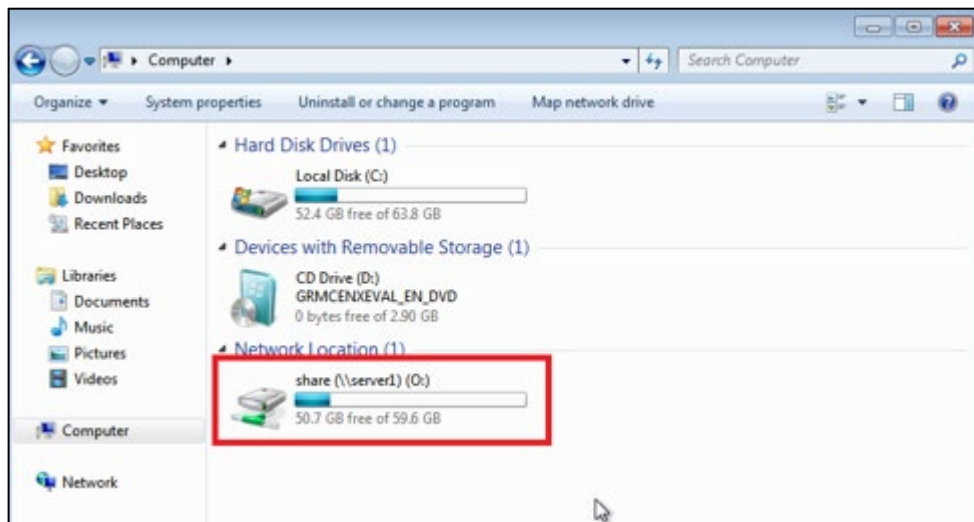


- 7 To confirm the settings, log in to Windows 7 client as Salesperson1 and run **gpupdate /force** via the search bar for the GPO to take effect.





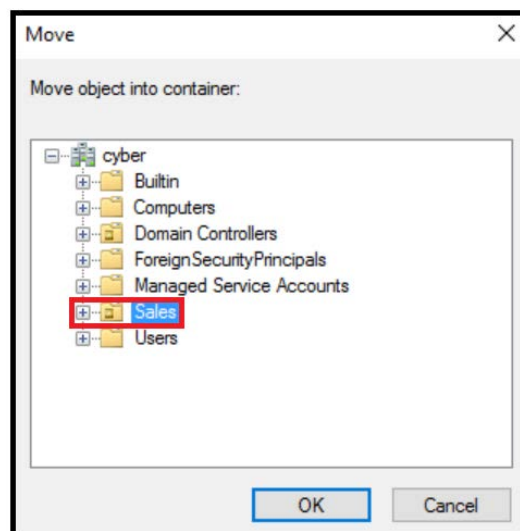
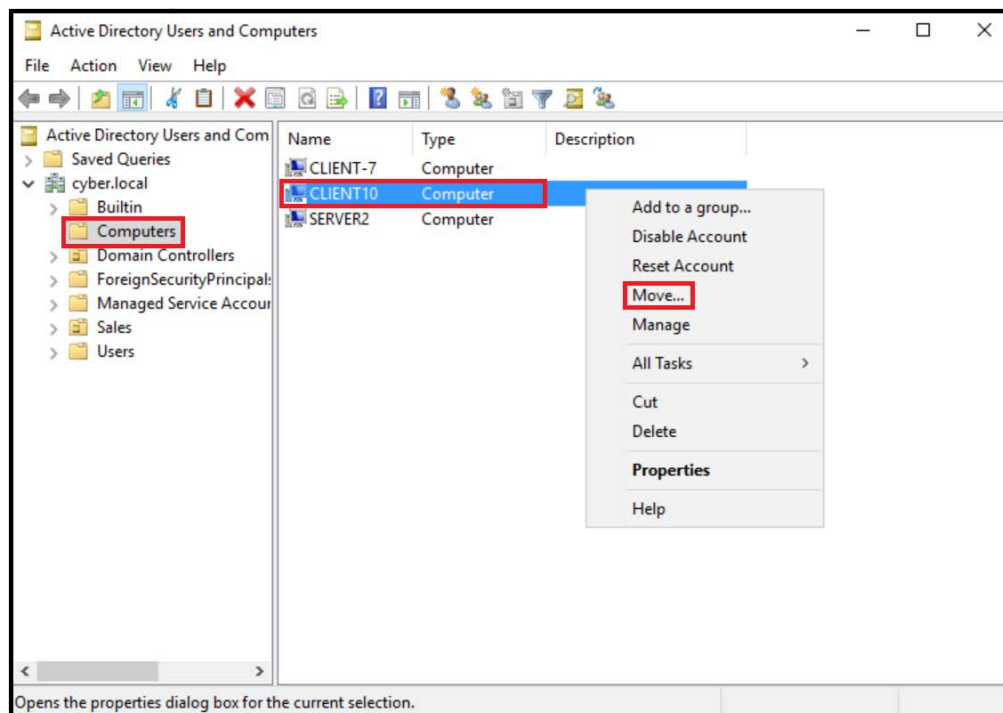
- 8 Restart the computer and log back in to user Salesperson1. Open the File Explorer and navigate to **Computer**. Note the new network location **O:**.



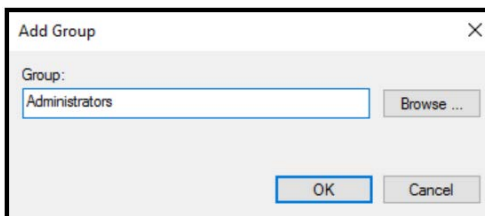
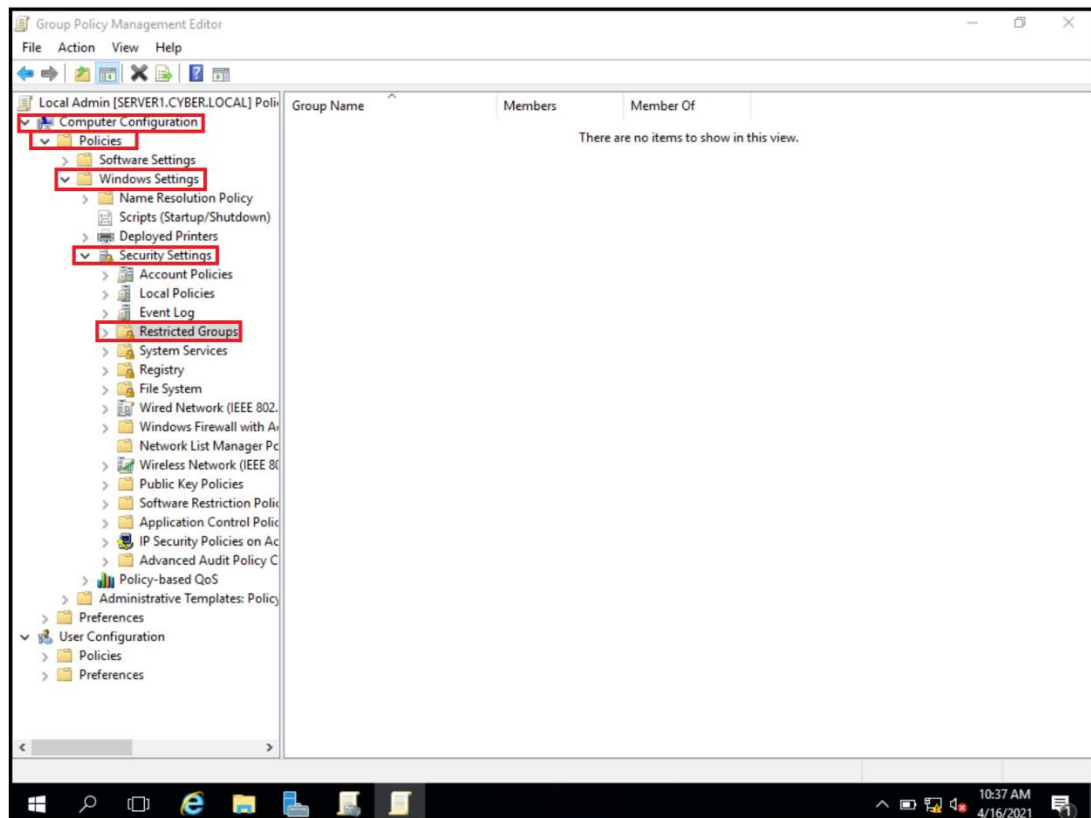
## Lab Task 3: Restricted Groups

Salesperson1 requires admin privileges on all sales computers. However, you can't add that user to the global admin group, and this cannot be done manually on all computers in the Sales OU, since it will be too much work for the IT department. In this task, you will promote Salesperson1 to a local administrator on all computers in the Sales OU.

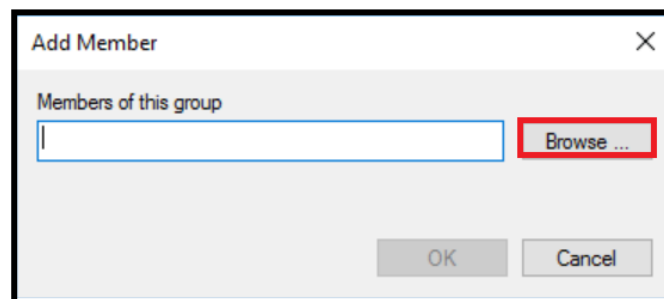
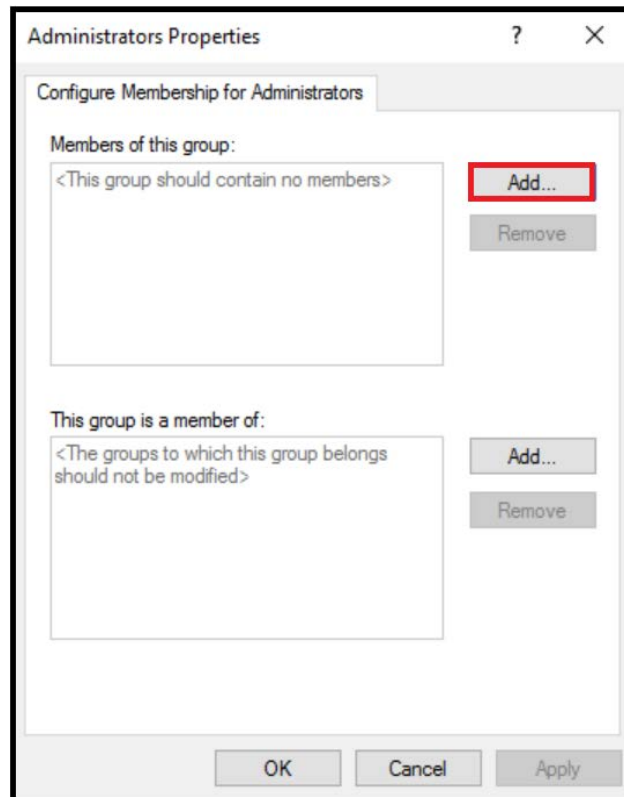
- 1 Navigate to the **Computers** OU via the ADUC tool. Right-click **CLIENT10** and select **Move**. Select the **Sales** OU and click **OK**.



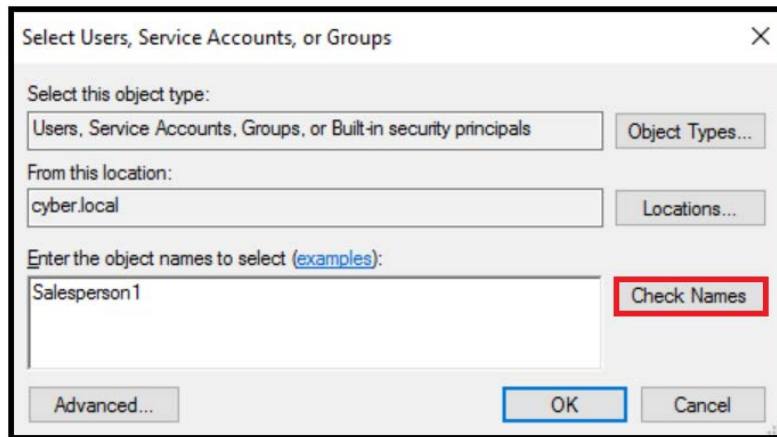
- 2 Open the **Group Policy Management** tool and create a new GPO called **Local Admin** under the **Sales OU**. Right-click the new GPO and select **Edit**. Refer to Lab Task 2, Step 1, for guidance on performing this step.
- 3 Navigate to **Computer Configuration > Policies > Windows Settings > Security Settings > Restricted Groups**. Right-click **Restricted Groups** and select **Add Group**. Name the group **Administrators** and click **OK**.



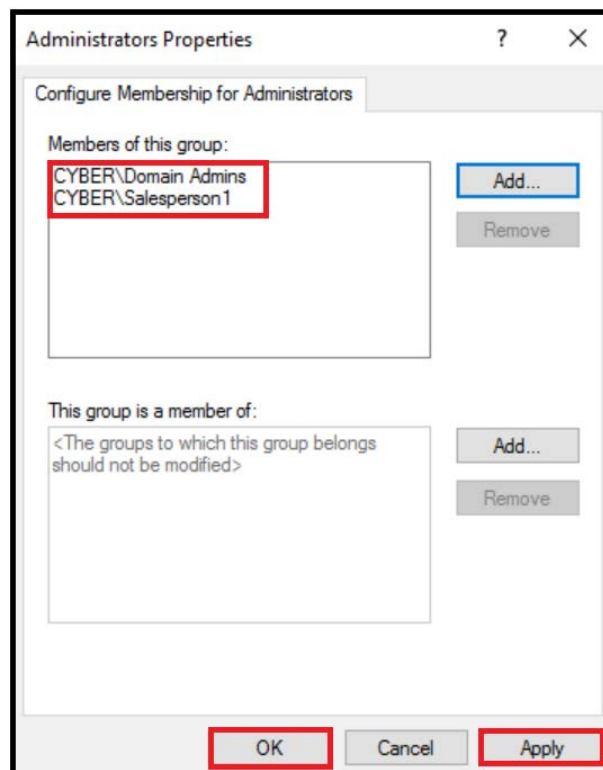
- 4 Next to **Members of this group**, select **Add**. In the next window, select **Browse**.



- 5 In the new window, under **Enter the object names to select (examples):** type **Salesperson1** and click **Check Names**.

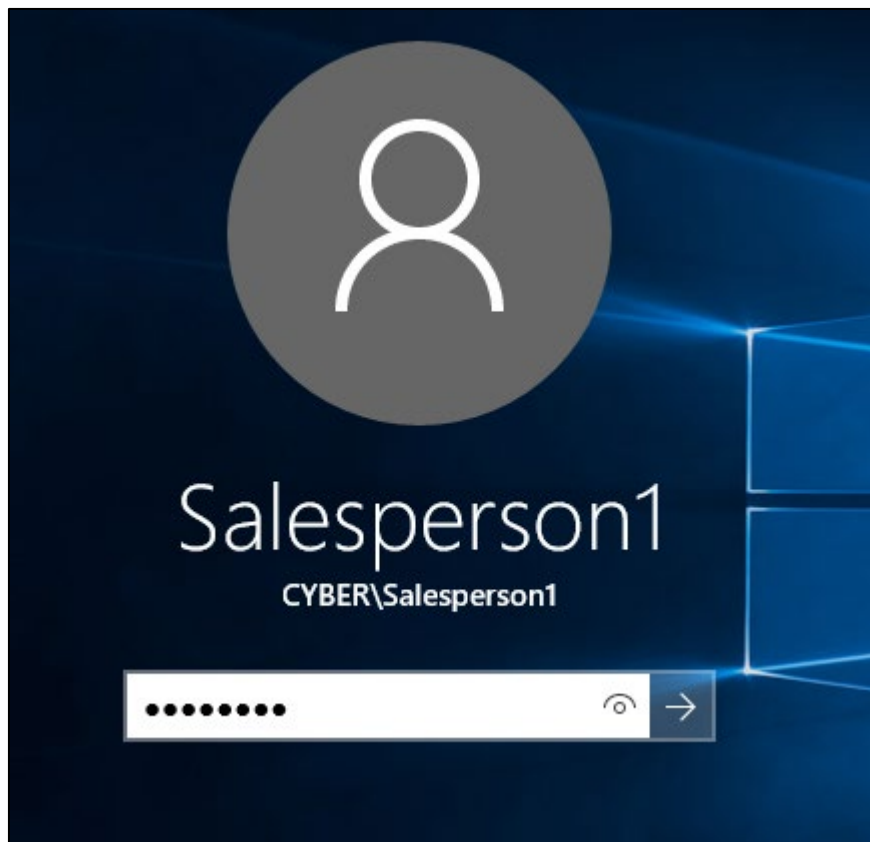


- 6 Repeat Step 5 with **Domain Admins** instead of **Salesperson1**. Then click **OK**.
- 7 Verify that both objects are mentioned in the **Members of this group** box. If they are, click **Apply** and **OK**.

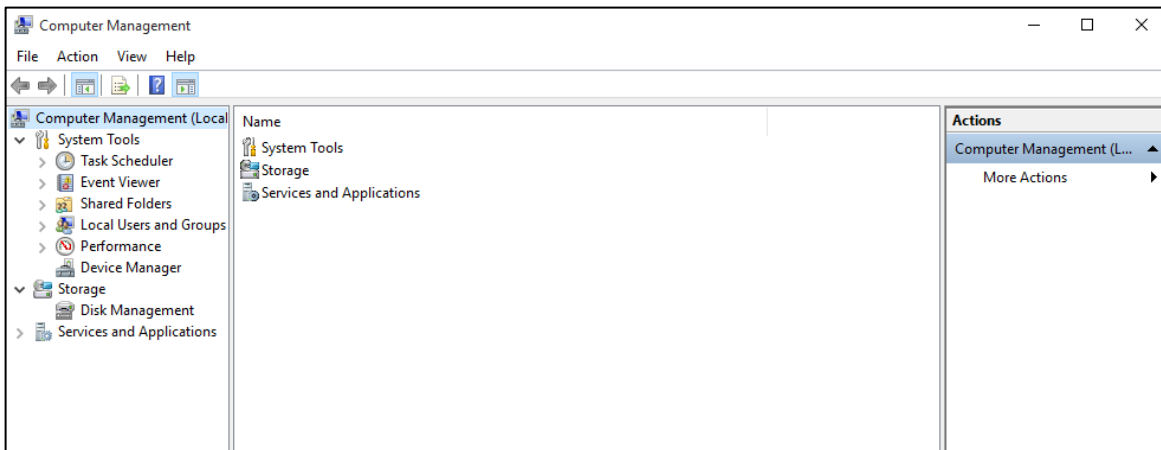
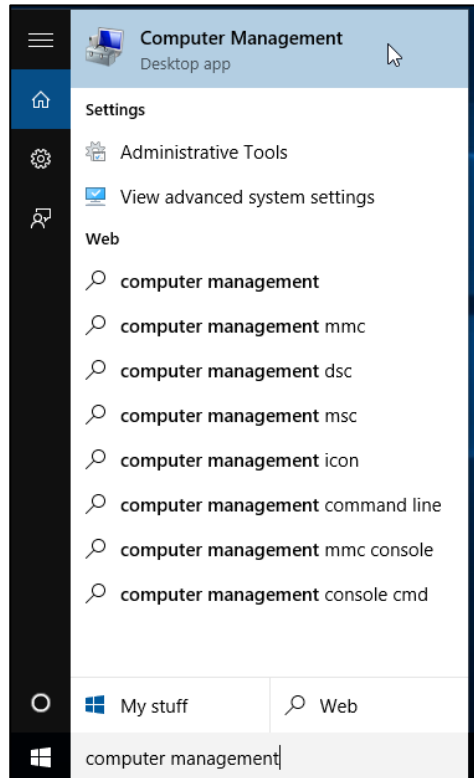


- 8 Log in to the Windows 10 client VM as Salesperson1.

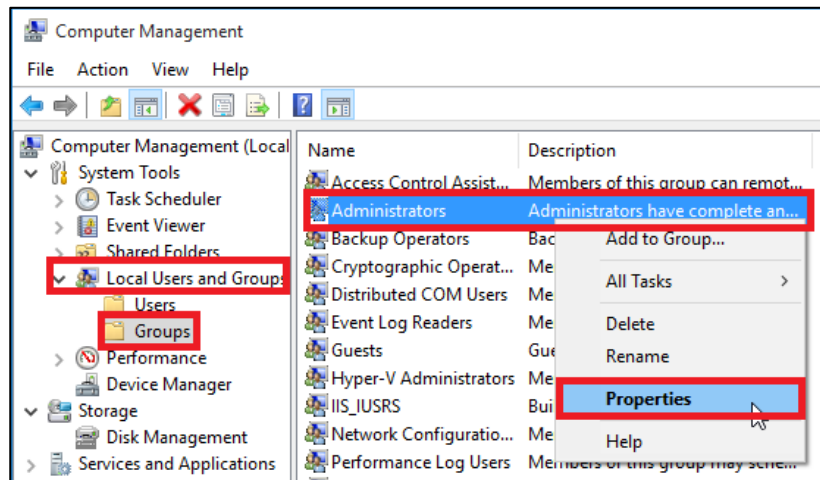




- 9 Using the search box, search for **computer management**. Click the **Computer Management** desktop app to open it.



- 10 Navigate to **Local Users and Groups > Groups**, right-click the **Administrators** group, and select **Properties**.



- 11 Verify that both **Salesperson1** and **Domain Admins** are members of the group.

