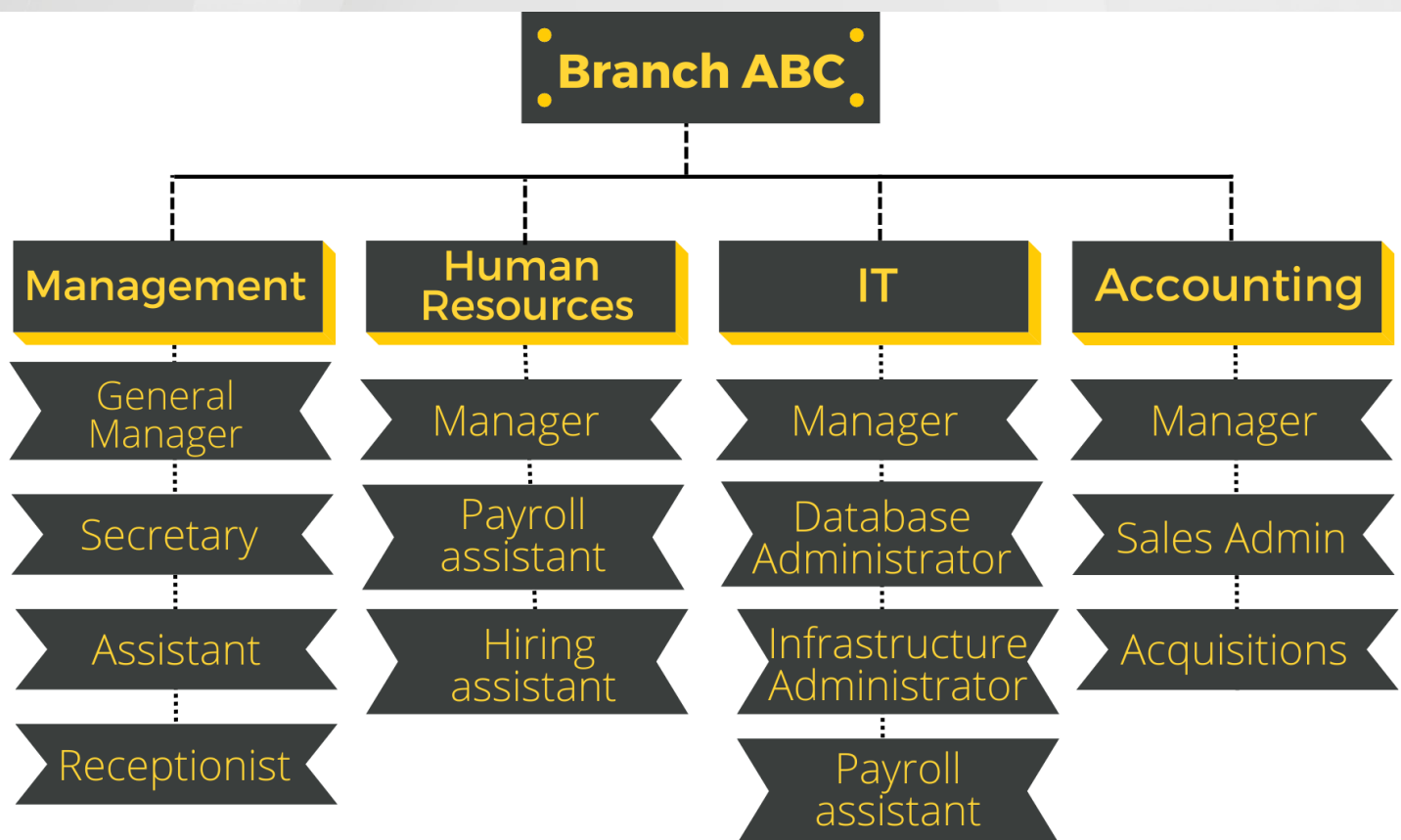# elev8

Active Directory Lab #3 Manage and manipulate AD core objects

Objective:

The objective of this laboratory is to understand how to edit and manipulate an Active Directory Domain Services objects.

Requisites:

- Laboratory #2. Active Directory
- The following organization chart:

```
                          Branch ABC

    Management      Human Resources      IT          Accounting

    General Manager   Manager          Manager        Manager

    Secretary         Payroll assistant  Database      Sales Admin
                                         Administrator

    Assistant         Hiring assistant   Infrastructure  Acquisitions
                                         Administrator

    Receptionist                         Payroll
                                         assistant
```

Task 1: Edit Users

You will be able to see that we can edit the users, for example, the name, address, the account, reactivate the account when the user forgets it and the time that the user can log in to use the resources.
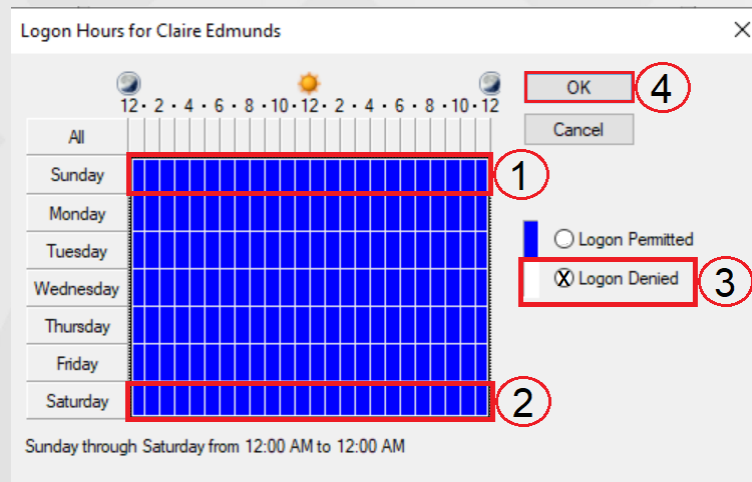
1. Now you are going to select any user that is not yours (1), and you are going to right click on it and click on properties (2)

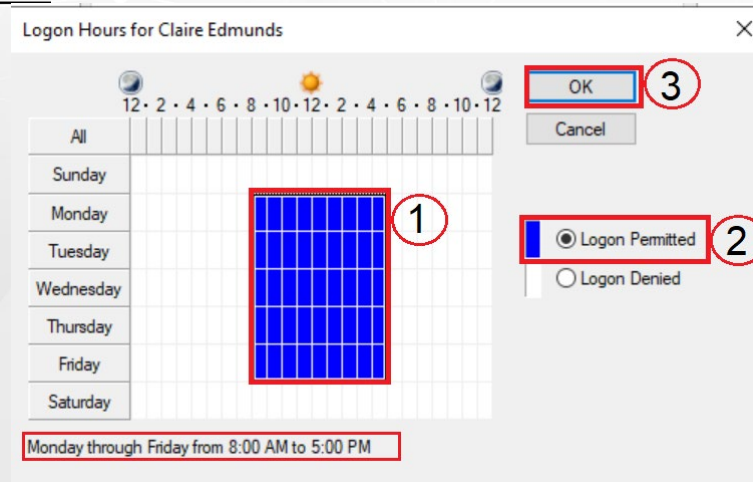2. Select the account tab (1), click on the "Logon Hours" button (2)
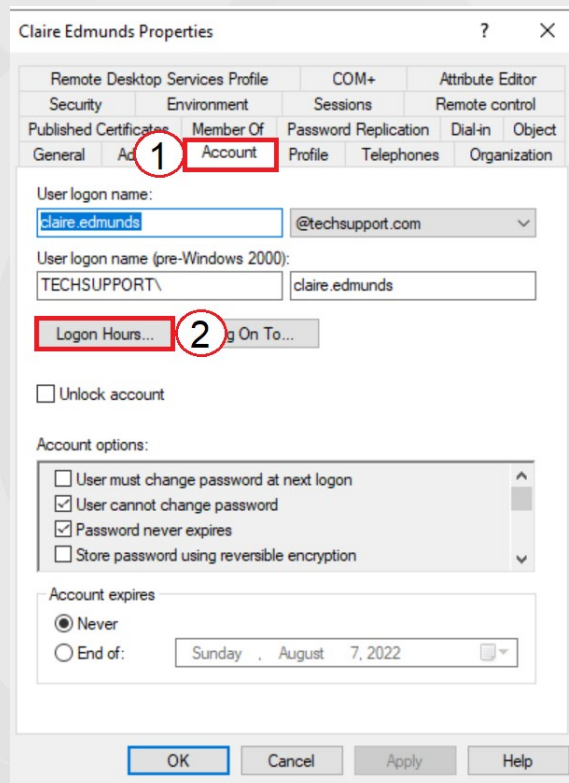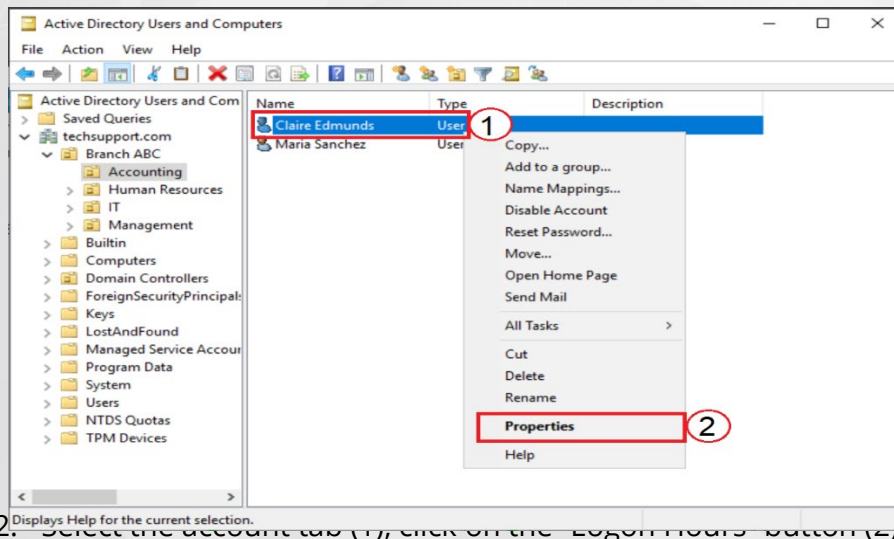
3. A pop-up window will appear
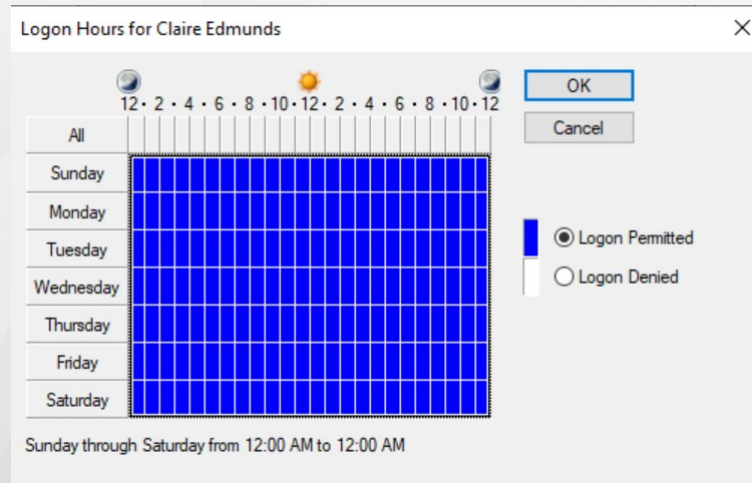
4. Select the days you will remove the permit (1)(2) and click on "Logon Denied" (3) and then click ok (4)

5. Then limit the user's permission to login only Monday to Friday 8-5 (1), select the Logon Permitted option click ok and then click ok on the next window

6. It is also possible to define where (computer) you can log in but now, we do not have many devices to assign the equipment where you can log in, but you can try with the computer we create on the last lab
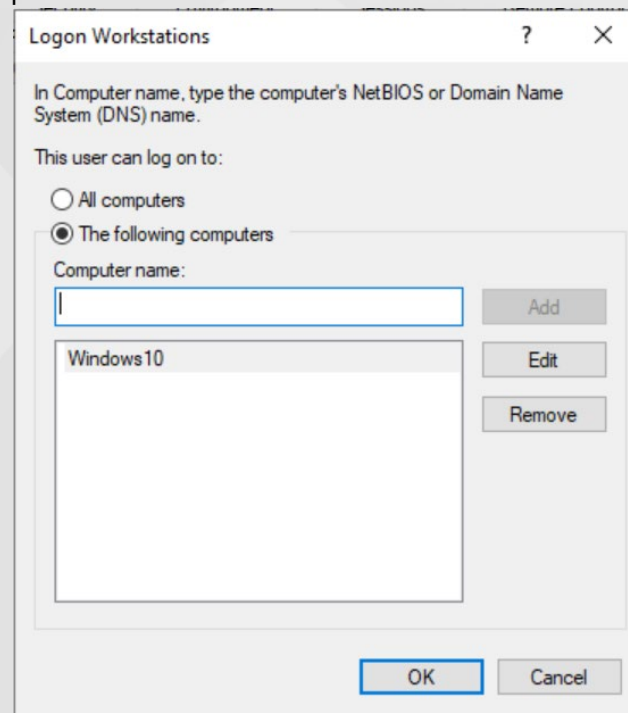

7. Normally these settings are used to add only user data and help when blocking the account, for more specific permission issues we use GPOs that we will see later

Task 2: Move Users

Now, sometimes there are users who are going to move departments in companies, so we will also have to move them at the AD level, because if not they are going to maintain the rules and rights of the previous department.
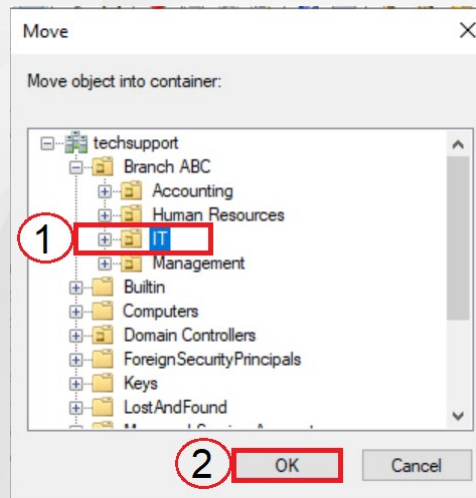
1. In the AD Users and Computers file bar, go to the view option (1) and click on it, select advanced features (2)
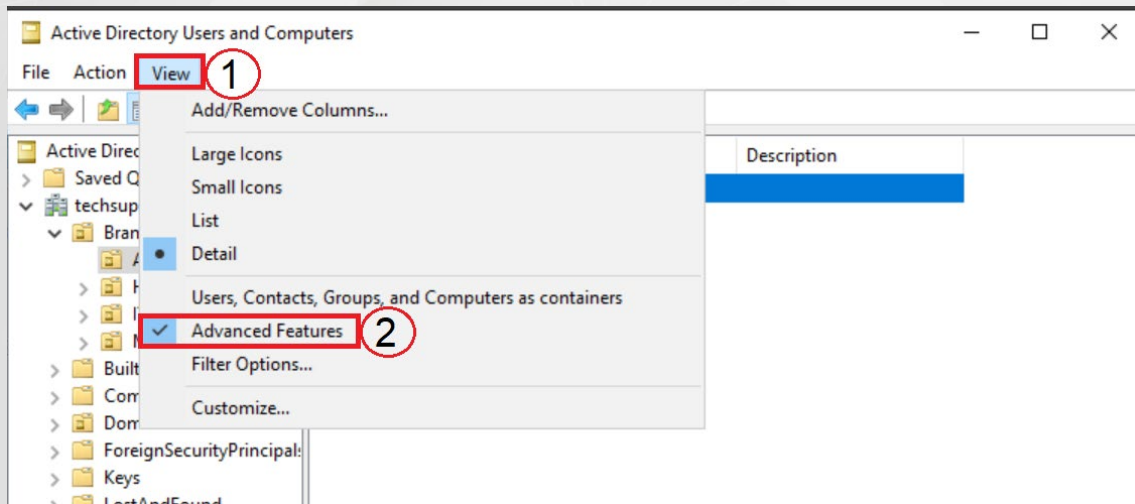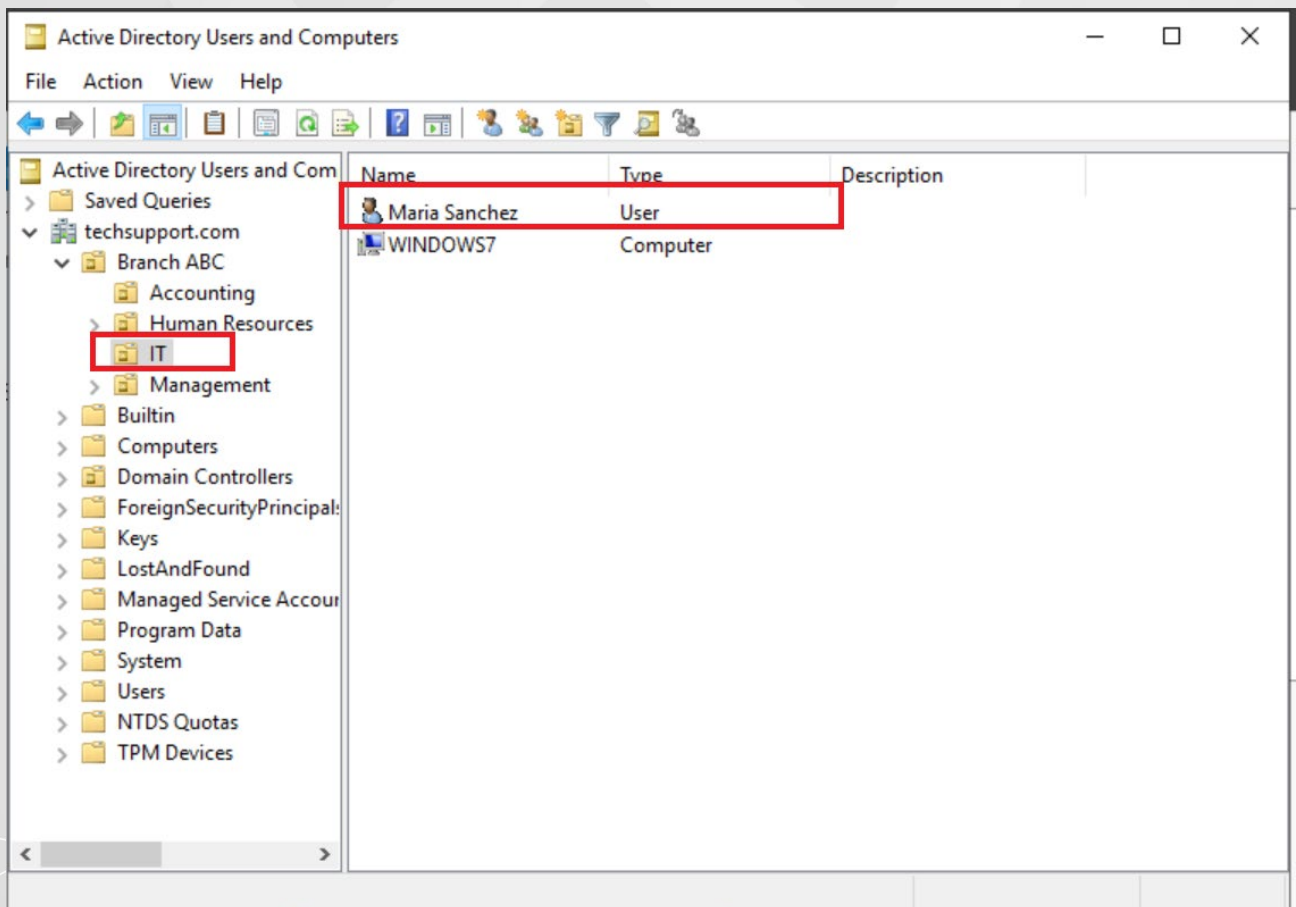

2. Within Accounting in Branch ABC (1), select a user (2) and right click on it, select move (3)
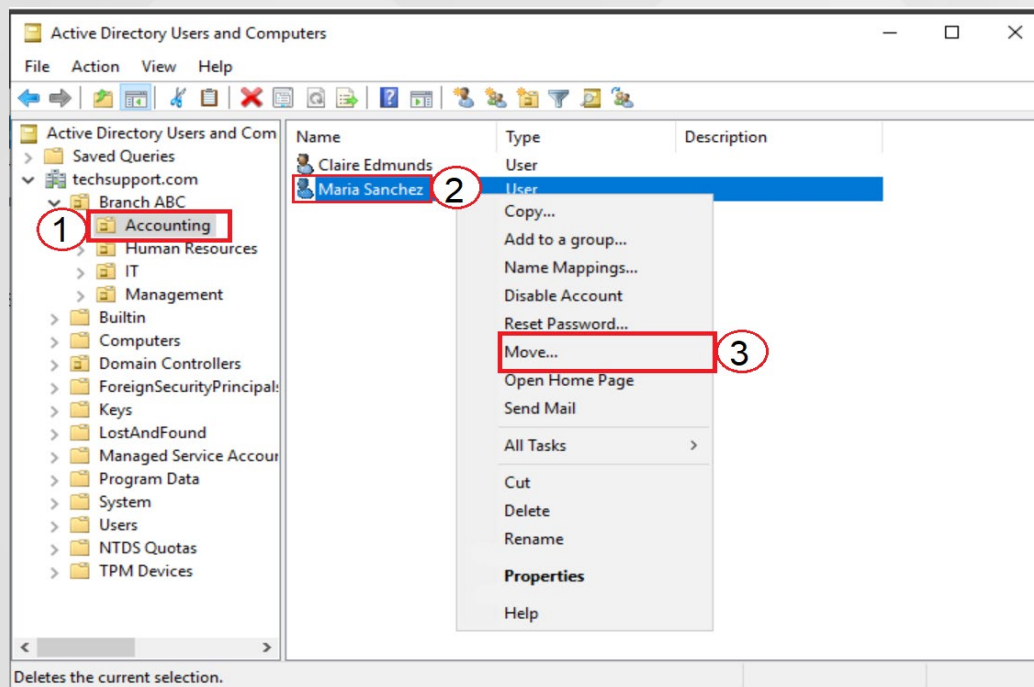
3. Now in the new window some groups and directories appear, expand by clicking on the Branch ABC, click on IT (1) and press ok (2)


4. If you go to IT now; the user has been moved from the accounting OU to the IT OU. You can also move groups, computers, and shared folders in the same way
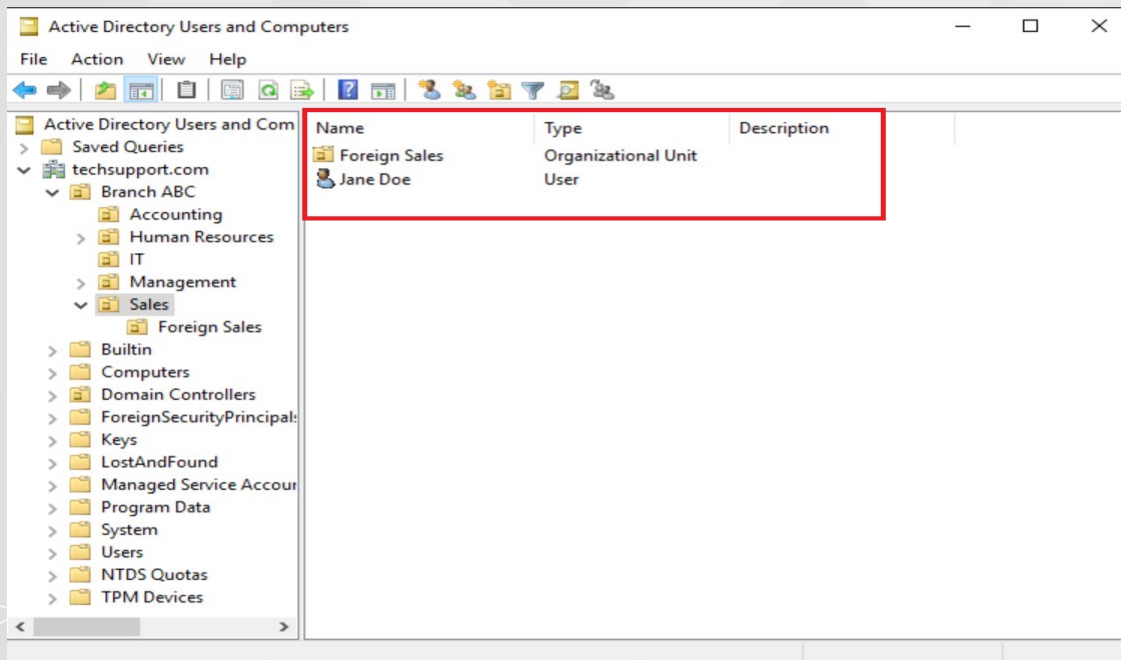
Task 3: Delete objects, users, and OUs

Finally, many times it is necessary to delete resources and modify the topology of the objects within AD, such as users, computers or even OUs.
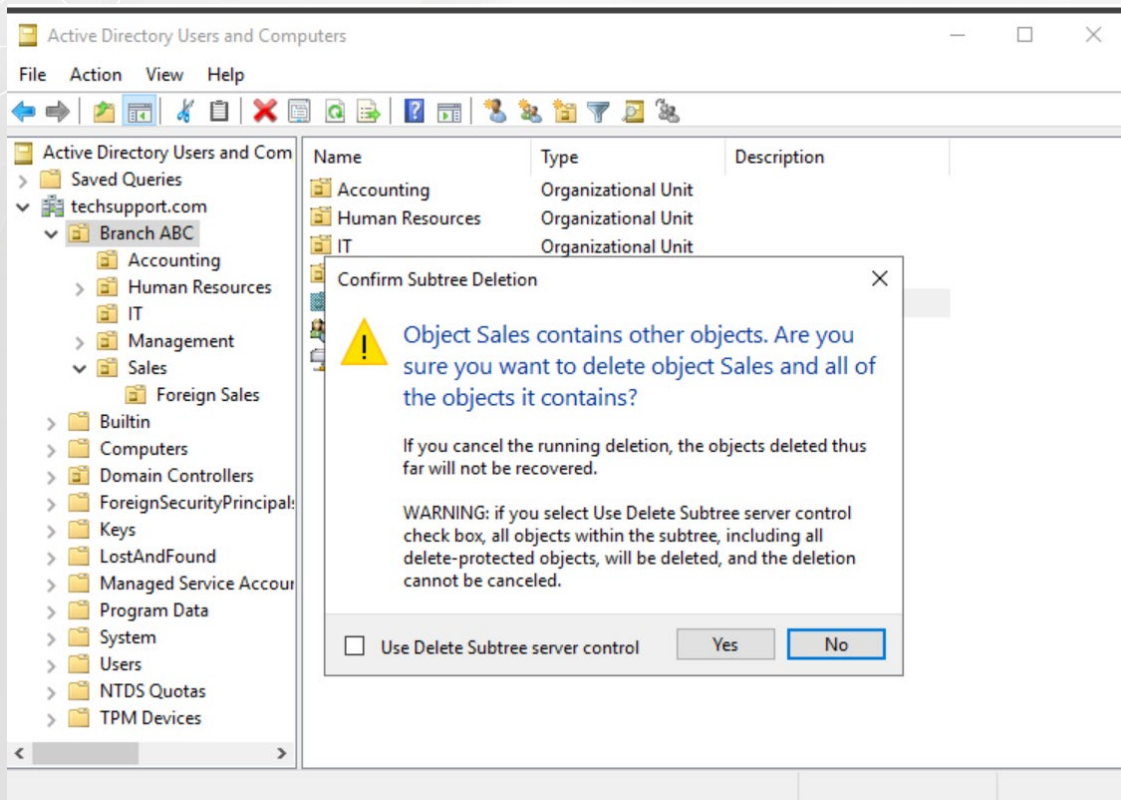
1. Before you perform this task, you must create a new OU named **Sales** within the Branch ABC OU
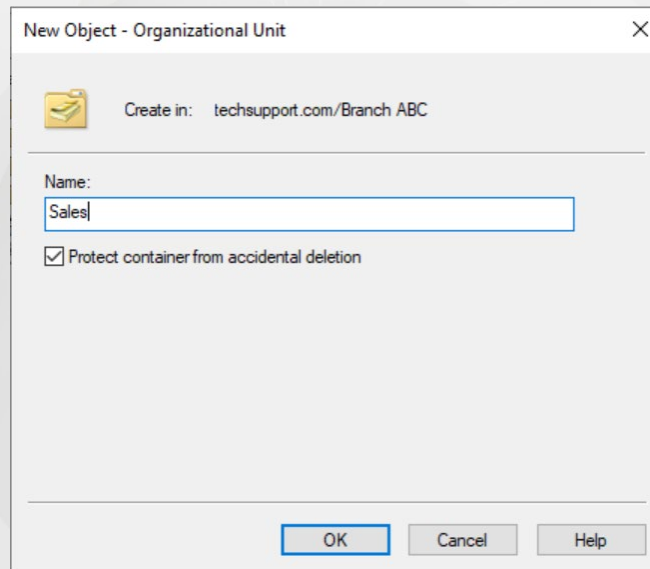

2. Within Sales OU, create another OU named **Foreign Sales** and a user named **Jane Doe**

3. First you are going to try to delete the Sales OU, select sales, right click, and press delete


4. When the window appears, you click OK... It gives an error, right? The reason is that AD has a delete protection mechanism that prevents us from deleting OUs with standard permissions, so we need to modify them
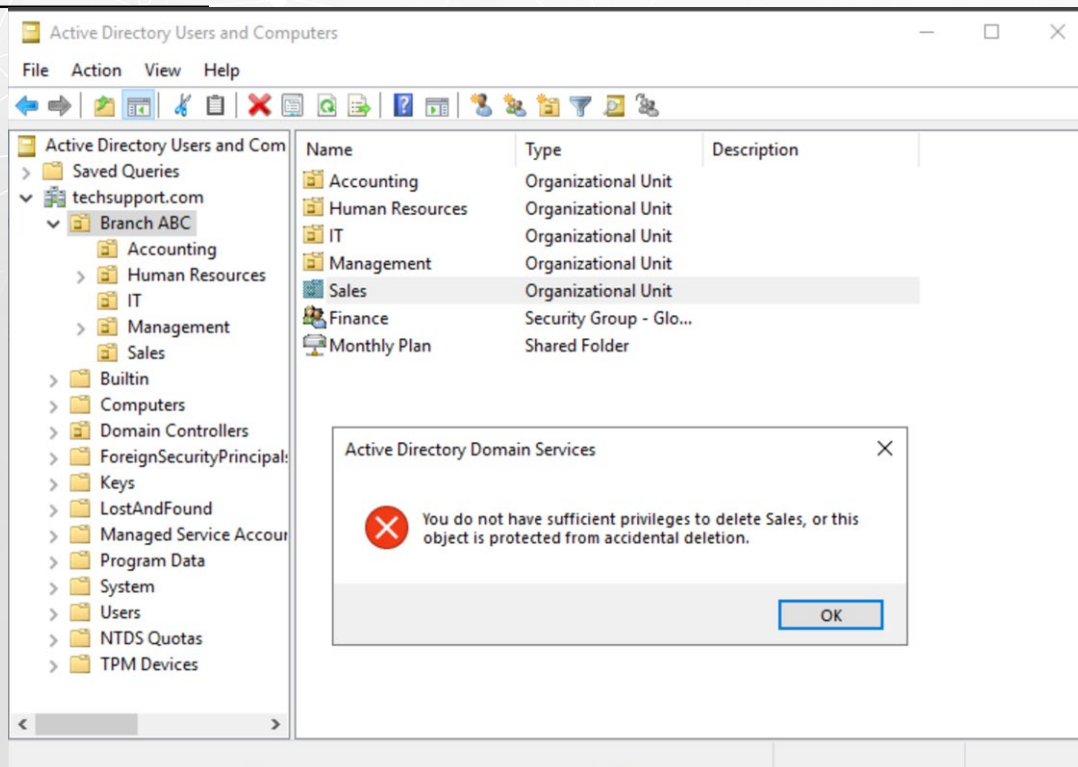
5. In the AD Users and Computers file bar, go to the view option (1) and click on it, then in the list click advanced features (if the advanced features option has a check at the left, don't do this step) (2).
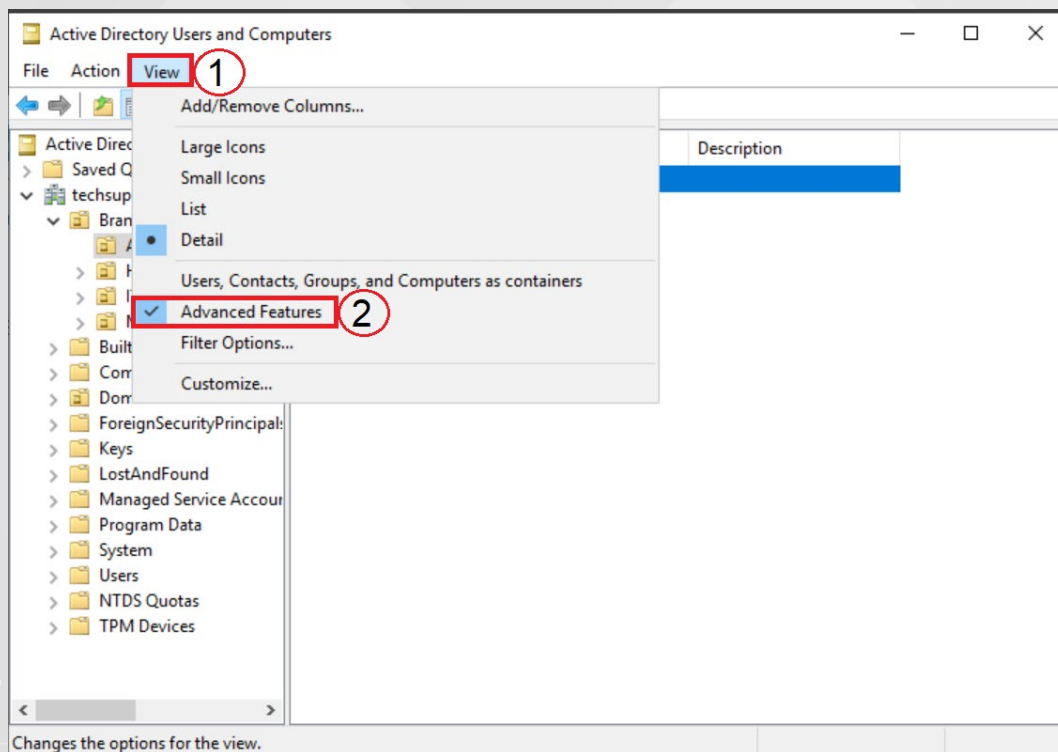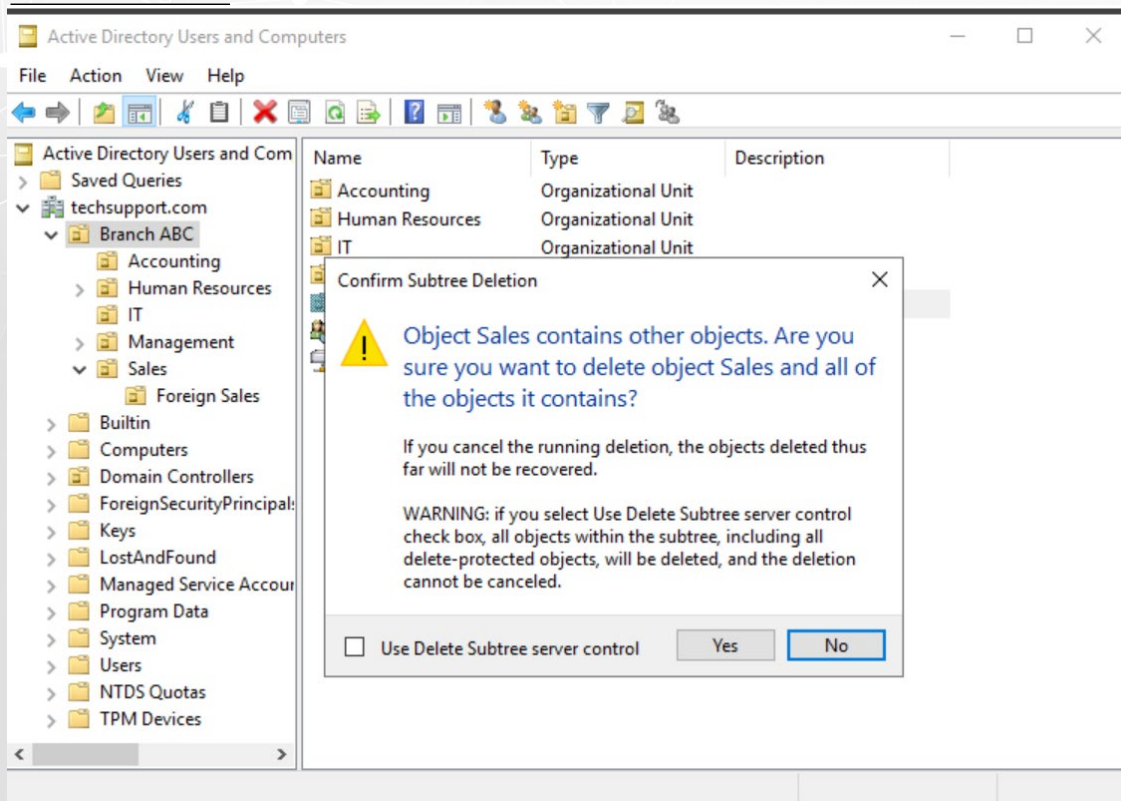
6. Now try to delete the Sales OU
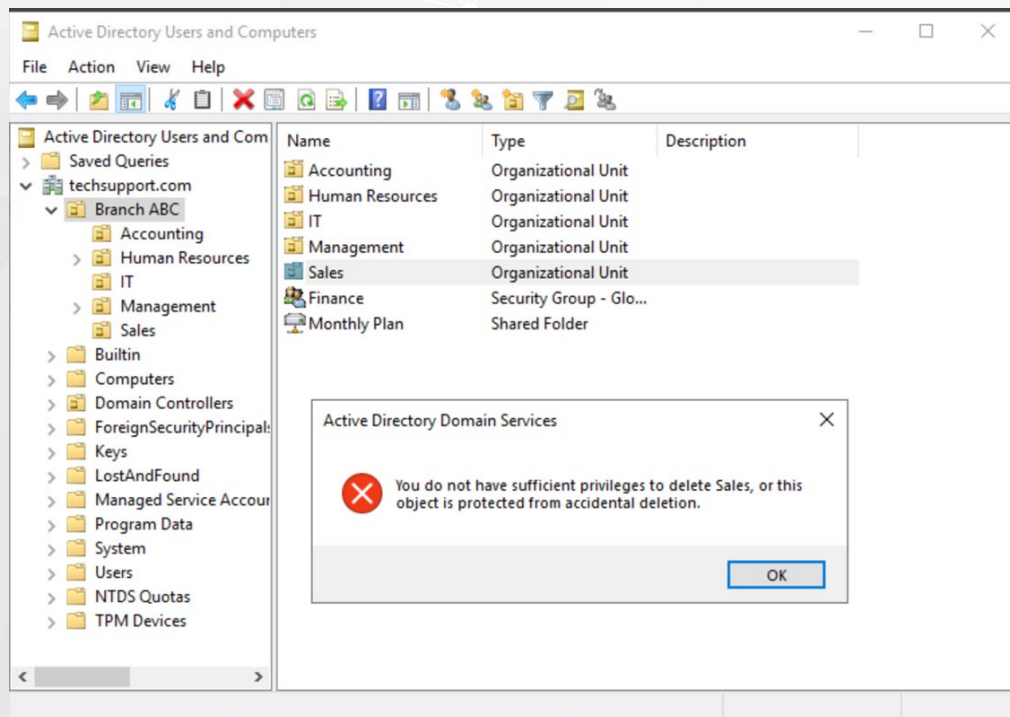
7. You can't either, you must go to the properties of Sales and remove the protection against deletion. For this purpose right click on Sales and select properties, in the new window we go to the object tab (1) and uncheck the option where it says protect object from accidental deletion (2) then Apply (3) and ok (4)
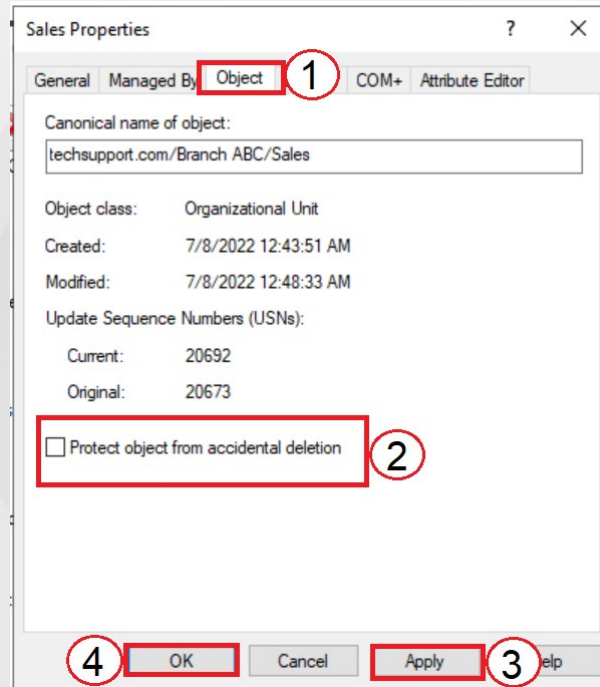
8. Now try to delete Sales

9. You can't do it either.
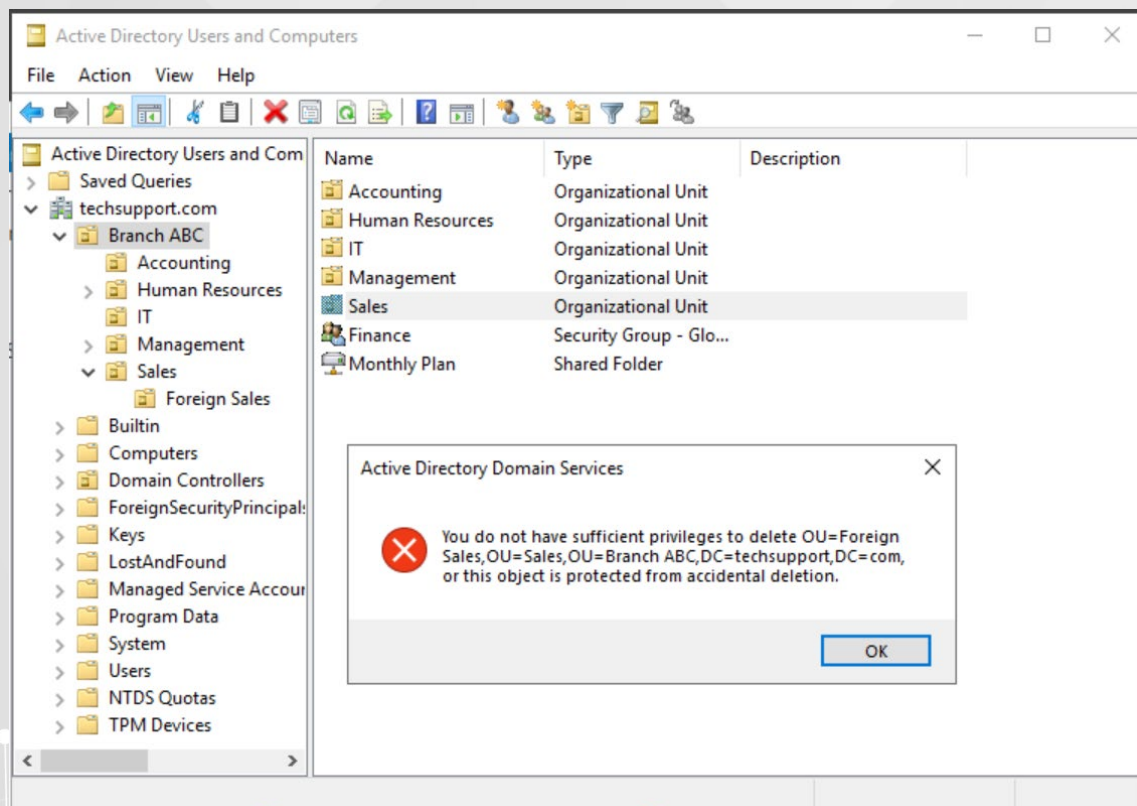
10. the problem is that within Sales we have a user and another OU with protection to delete it, so you will have to go and delete the user (they don't have protection), then delete "Foreign Sales" remembering to remove the protection from the tab of the object and finally delete Sales.