

# LAB 14

## CREATING AND MANAGING ACTIVE DIRECTORY USERS AND COMPUTERS

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**This lab contains the following exercises and activities:** .....

- Exercise 14.1**      Creating Computer Objects
- Exercise 14.2**      Creating a Single User
- Exercise 14.3**      Using Active Directory Administrative Center

### BEFORE YOU BEGIN

The lab environment consists of three servers connected to a local area network, which you will configure to function as the domain controller for a domain called *adatum.com*. The computers required for this lab are listed in Table 14-1.

Table 14-1  
**Computers Required for Lab 14**

<b><i>Computer</i></b>	<b><i>Operating System</i></b>	<b><i>Computer Name</i></b>
Domain controller 1	Windows Server 2016	SERVERA
Member server 2	Windows Server 2016	SERVERB
Member server 3	Windows Server 2016	SERVERC

## Working with Lab Worksheets

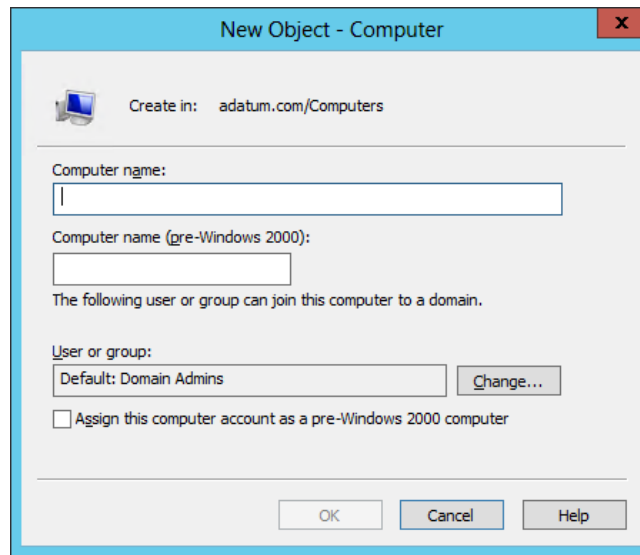
Each lab in this manual requires that you answer questions, shoot screen shots, and perform other activities that you will document in a worksheet named for the lab, such as Lab14\_worksheet.docx. It is recommended that you use a USB flash drive to store your worksheets, so you can submit them to your instructor for review. As you perform the exercises in each lab, open the appropriate worksheet file, fill in the required information, and save the file to your flash drive.

**After completing this lab, you will be able to:**

- Create AD DS computer objects
- Create AD DS user objects

Exercise 14.1      Creating Computer Objects	
Overview	In this exercise, you use the Active Directory Users and Computers console on a newly installed domain controller to create a computer object.
Mindset	Is it always necessary to create computer objects manually?
Completion time	10 minutes

1. On the **SERVERA** computer, which has the **Server Manager** console open, select **Tools > Active Directory Users and Computers**. The *Active Directory Users and Computers* console appears.
2. In the left pane, expand the **adatum.com** node, if needed, and select the **Computers** container.
3. Right-click the Computers container and, from the context menu, click **New > Computer**. The *New Object – Computer Wizard* appears (see Figure 14-1).



**Figure 14-1**  
The New Object - Computer Wizard

4. In the *Computer name* text box, type **Wkstn1**.
5. Under *User or group*, click Change. The Select User or Group dialog box appears.
6. In the *Enter the object name to select* text box, type **Domain Computers** and click OK. The group appears in the *User or group* text box.
7. Click OK. The wizard creates the computer object.
8. **[Screen Shot 1]** Take a screen shot of the Computers container in the Active Directory Users and Computers console, showing the computer object the wizard created, by pressing Alt+Prt Scr ("right Ctrl + E" in VirtualBox), and save the image file for lab submission.

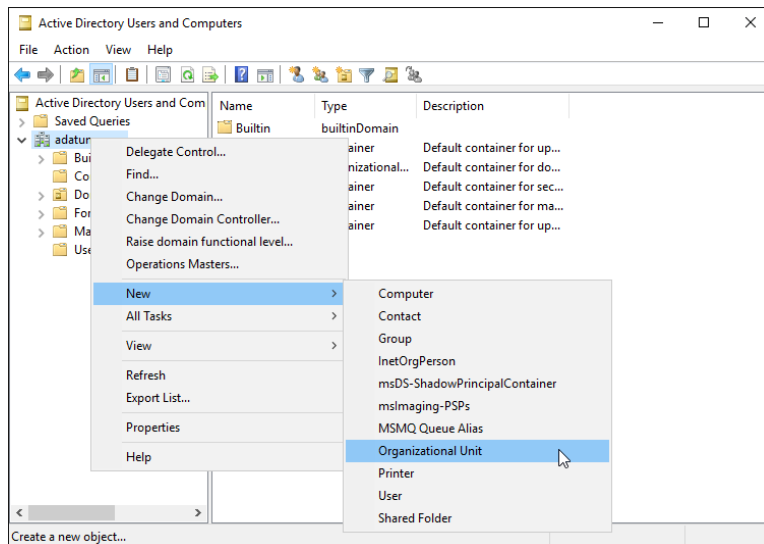
End of exercise. You can leave the windows open for the next exercise.

Exercise 14.2 Creating Domain User	
Overview	In this exercise, you use the Active Directory Users and Computers console on a newly installed domain controller to create a domain user account.
Mindset	How many other ways are there to create a user object?

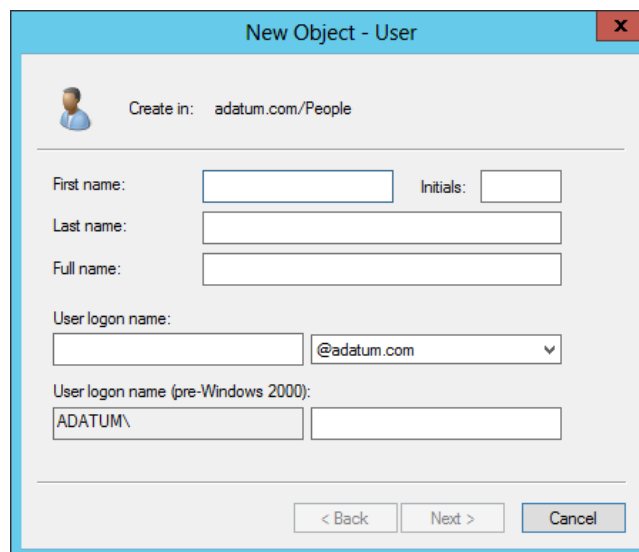
Completion time	10 minutes
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1. On the SERVERA computer, in the **Active Directory Users and Computers** console, select the **People** organizational unit.

If People OU doesn't exist, right click adatum.com domain > New > Organization Unit, and create the People OU.



2. From the **Action** menu, select **New > User**. The **New Object – User Wizard** appears (see Figure 14-2).



**Figure 14-2**  
The New Object - User Wizard

3. In the *First name* text box, type **Lori** and in the *Last name* text box, type **Kane**.

4. In the *User logon name* text box, type **lkane** and click Next. The second page of the New Object – User Wizard appears.
5. In the Password and Confirm password fields, type **Pa\$\$w0rd**.
6. Clear the *User must change password at next logon* check box and click Next. A confirmation page listing the settings you configured appears.
7. Click Finish. The wizard creates the user object and closes.

Repeat the above steps, create another user with **your own first name and last name**.

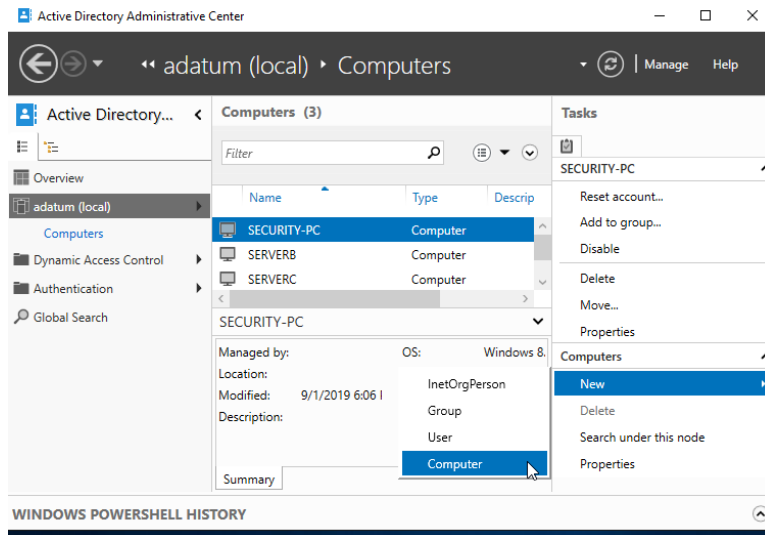
Using User Properties, add yourself to **Domain Admins** group.

8. **[Screen Shot 2]** Take a screen shot of the People container in the Active Directory Users and Computers console, showing the user object the wizard created, by pressing Alt+Prt Scr (“right Ctrl + E” in VirtualBox), and save the image file for lab submission.

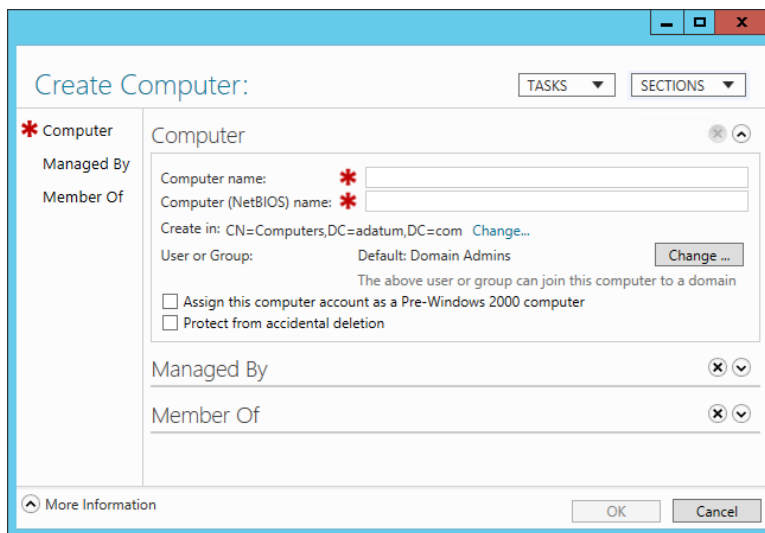
End of exercise. Close any open windows before you begin the next exercise.

Exercise 14.3 Using Active Directory Administrative Center	
Overview	In this exercise, you use the Active Directory Administrative Center console to create user and computer objects.
Mindset	What can Active Directory Administrative Center do that other tools cannot?
Completion time	10 minutes

1. On the SERVERA computer, in the Server Manager console, select Tools > **Active Directory Administrative Center**. The *Active Directory Administrative Center* console appears.
2. In the left pane, select the **adatum (local)** node and, in the center pane, double-click the **Computers** container. The contents of the Computers container appears in the center pane.



3. In the right pane, select New > Computer. The Create Computer dialog box appears (see Figure 14-3).



**Figure 14-3**  
The Create Computer dialog box

4. In the *Computer name* text box, type **Wkstn8**.
5. Under Member of, click Add. The Select Groups dialog box appears.
6. In the *Enter the object name to select* box, type **Domain Computers** and click OK. The group appears in the *Member Of* text box.
7. Click OK. The new object appears in the Computers container.

8. **[Screen Shot 3]** Take a screen shot of the Computers container by pressing Alt+Prt Scr (“right Ctrl + E” in VirtualBox), and save the image file for lab submission.

9. In the left pane, select the **adatum (local)** node and, in the center pane, double-click the **People OU**. The contents of the People container appears in the center pane.
10. In the right pane, select New > User. The Create User dialog box appears (see Figure 14-4).

**Figure 14-4**  
The Create User dialog box

11. In the *First name* text box, type **Monica**, and in the *Last name* text box, type **Brink**.
12. In the *User SamAccountName Logon* text box (after the red \*, keep *adatum* as is), type **mbrink**. In the Password and Confirm password fields, type **Pa\$\$word**.
13. Scroll down and, in the *Member Of* section, click Add. The *Select Groups* dialog box appears.
14. In the *Enter the object names to select* text box, type **Domain Users** and click OK. The group appears in the *Member Of* text box.

15. Click OK. The new user object appears in the People OU.

16. **[Screen Shot 4]** Take a screen shot of the People by pressing Alt+Prt Scr ("right Ctrl + E" in VirtualBox), and save the image file for lab submission.

End of exercise. Close any open windows before you begin the next exercise.