CNT 4603: System Administration Spring 2015

Project Six - Managing The savn.local Domain

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Project Six

- Title: "Project Six: Managing The savn.local Domain"
- **Points:** 30 points
- **Due Date:** Sunday April 5, 2015 by 11:59 pm WebCourses time.
- Objectives: The completion of Project Five left you with a completely configured savn.local network. With this project we now begin basic system administration activities on the network. This project will focus on Mark-Server1 and Mark-Server2.
- **Deliverables:** Five screen shots as shown on pages 8, 20, 27, 28, and 29.



Project Six – Background

- You may recall from our earlier discussions of domains/trees/forests that an organizational unit (OU) offers a way to achieve more flexibility in managing the resources associated with a business unit, department, or division than is possible through domain administration alone.
- An OU is a grouping of related objects within a domain, similar to the idea of having sub-directories within a directory.
- OUs are typically used to reflect the structure of the organization without having to completely restructure the domains with the that structure changes.
- OUs allow the grouping of objects so that they can be administered using the same group policies, such as security.



Project Six – Background

- The first step in Project Six will be to create some basic OUs for our savn.local domain.
- We'll consider our organization to be made up of three basic units: administration, research, and sales.
- The next couple of pages step you through setting up these three OUs.

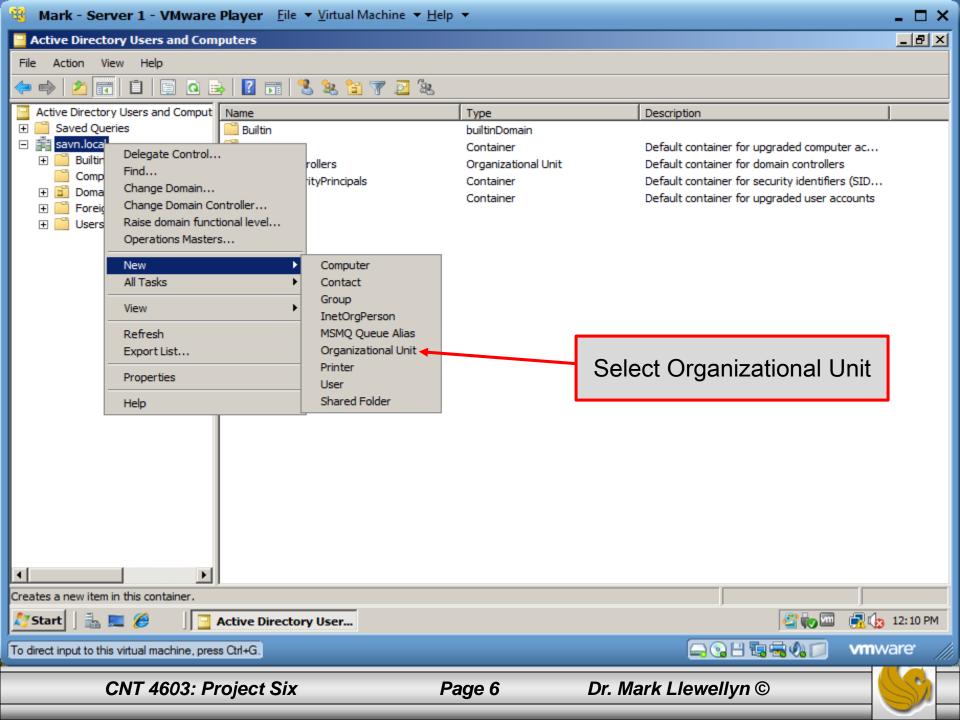
The pages that follow explain the details of the project, stepping you through the actions. In the various callouts, the items that appear in **bold green** text require you to do screen captures and/or answer questions. These screen captures and answers will constitute your submission for this project.

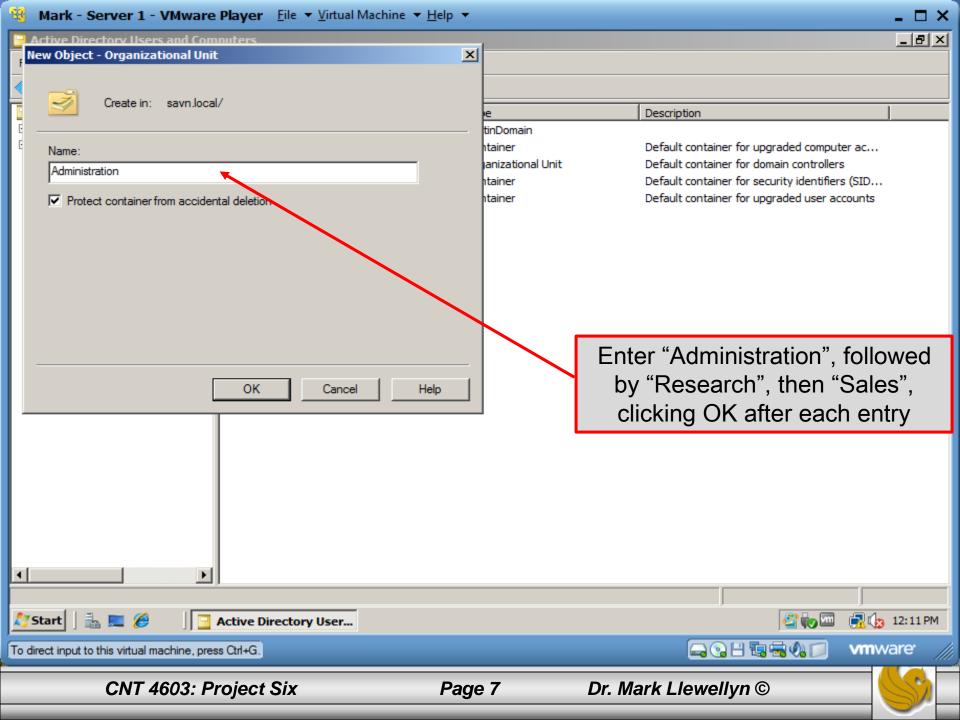


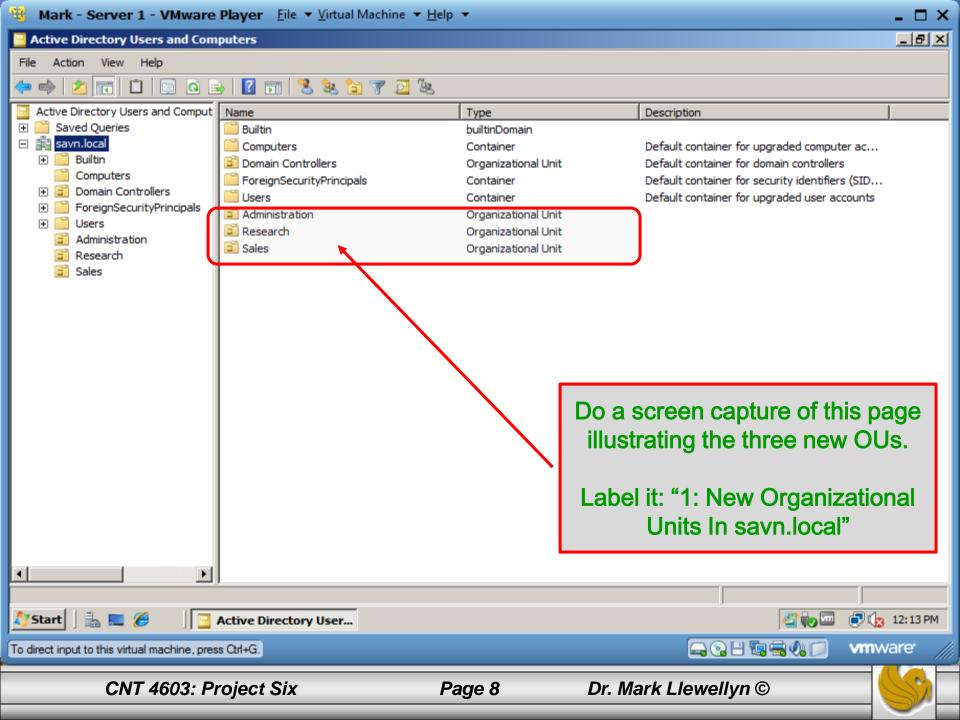
Project Six – Creating OUs

- Start Mark-Server1 (the domain controller for savn.local) domain.
- Click on Administrative Tools.
- Click Active Director Users and Computers.
- Right-click the savn.local link in the left pane.
- Point to New and select Organizational Unit.
- When the new window appears, enter the name: Administration.
- Repeat these steps for: Research and Sales.
- After completing this task, get a screen shot of the Active Directory Users and Computers window showing the three new OUs, like page 8.









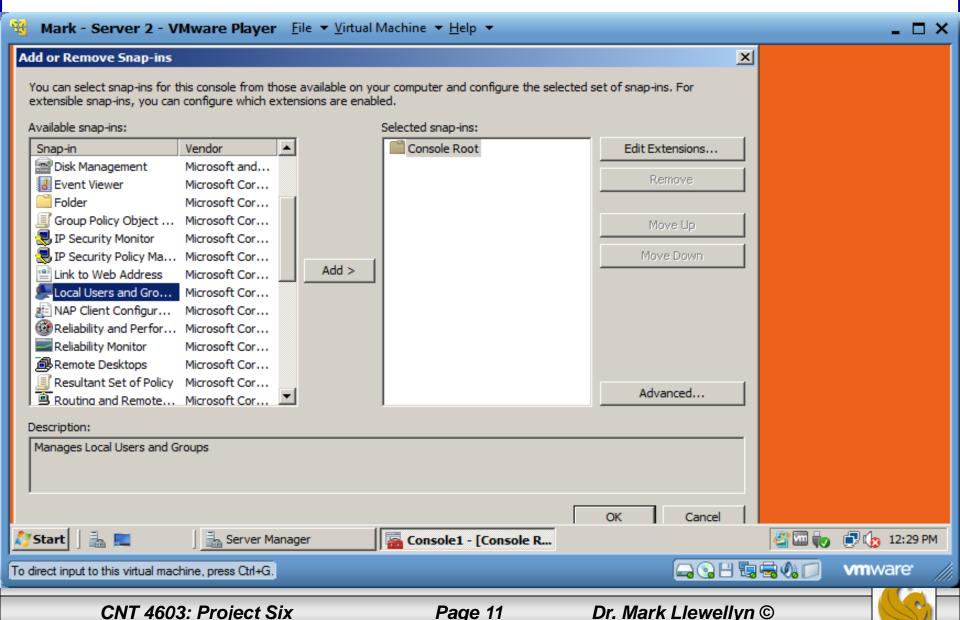
Project Six – User Account Management

- We'll use the OUs you just created a bit later (and also in subsequent projects), but the next thing that I want to give you some experience handling is the creation and manipulation of user accounts on the servers.
- While Mark-Server2 is a member of the savn.local domain it is also a stand-alone server (in that it is not a domain controller). Hence, on Mark-Server2 we can create a local, non-domain oriented account. We'll do this first, before we create any domain oriented accounts from inside AD on Mark-Server1.



- On a server where AD is not installed, new user accounts are created by first installing the Local Users and Groups MMC (Microsoft Management Console) snap-in for standalone servers.
- The steps for doing this are:
 - Start Mark-Server2 running.
 - Click Start, click Run, enter mmc at the prompt, and click
 OK.
 - Click the File menu option, and click Add/Remove Snap
 - Under Available snap-ins, find and click Local Users and Groups. See next page for a screen shot of this.

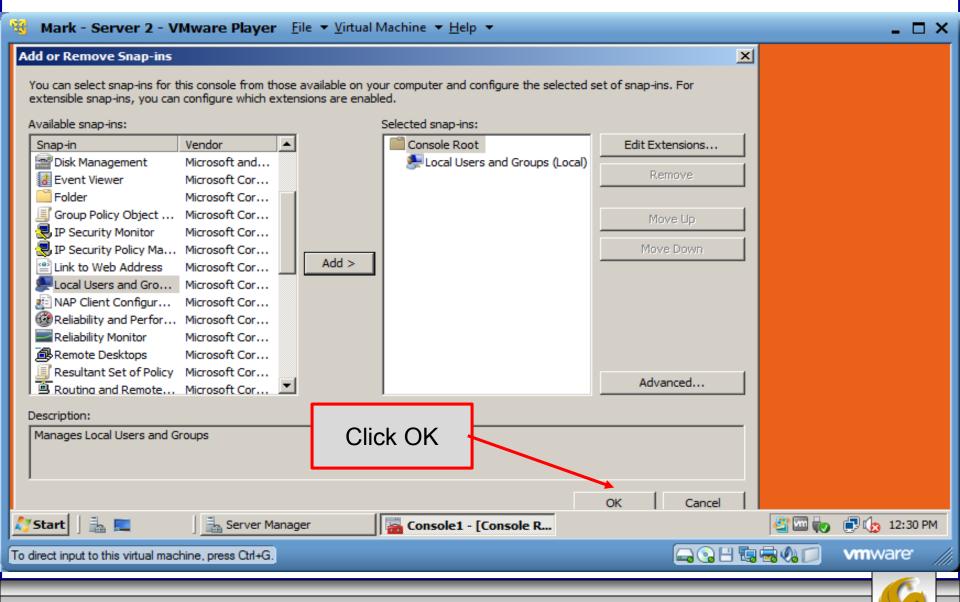




- Click the Add button to make this a selected snap-in.
- In the Choose Target Machine dialog box, leave Local computer (the computer on which this console is running) selected and click Finish.

Choose Target Machine	×
Select the computer you want this snap-in to manage. This snap-in will always manage: Cocal computer: (the computer on which this console is running) Another computer:	Browse
Allow the selected computer to be changed when launching from the commar only applies if you save the console.	
< <u>B</u> ack Finish	Cancel

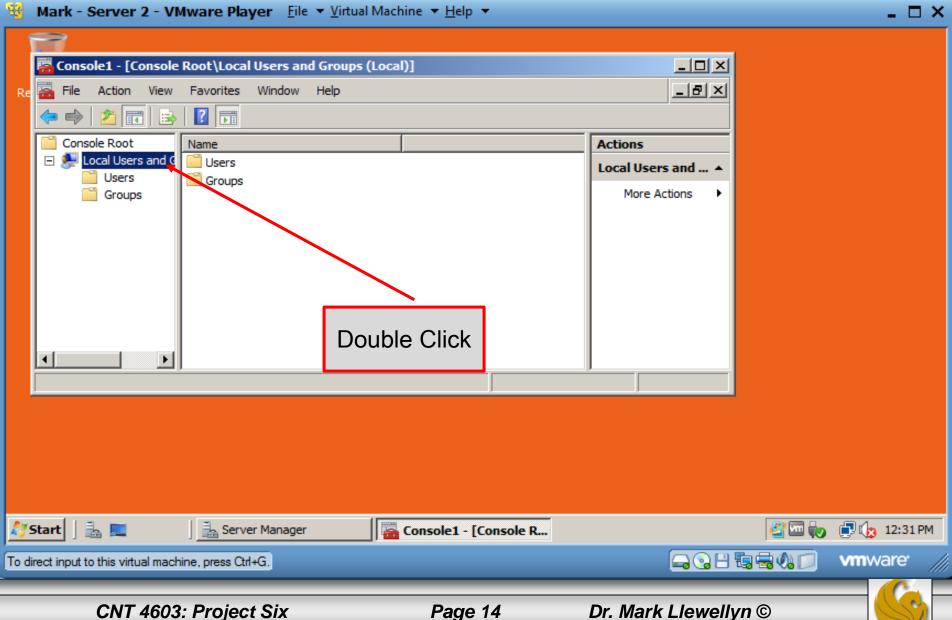


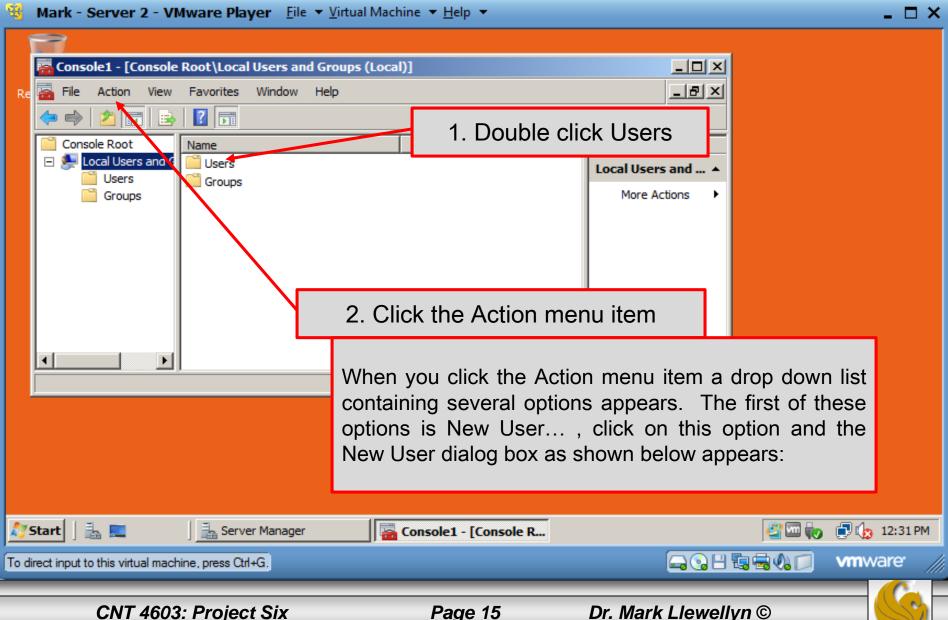


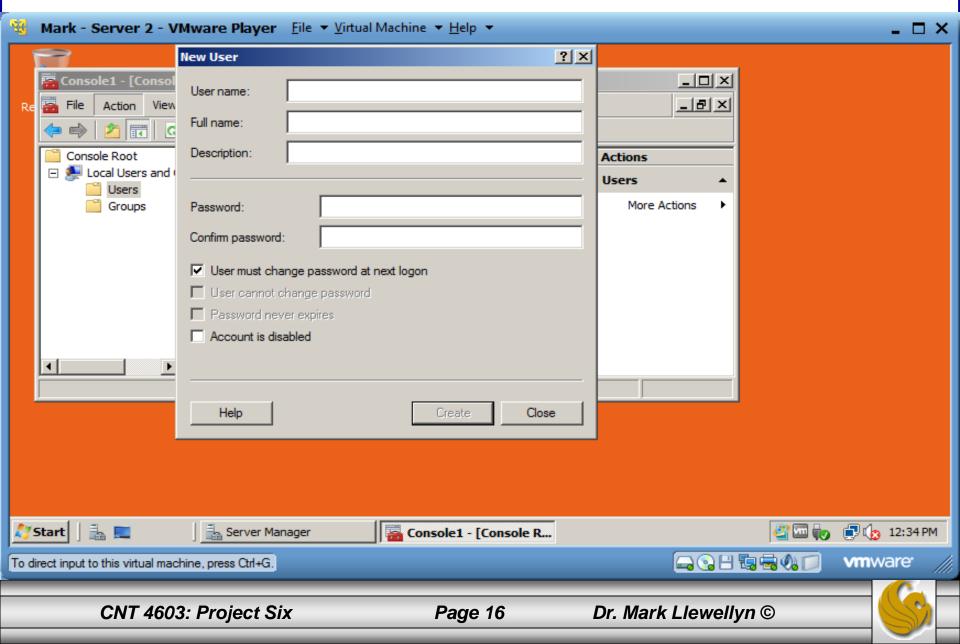
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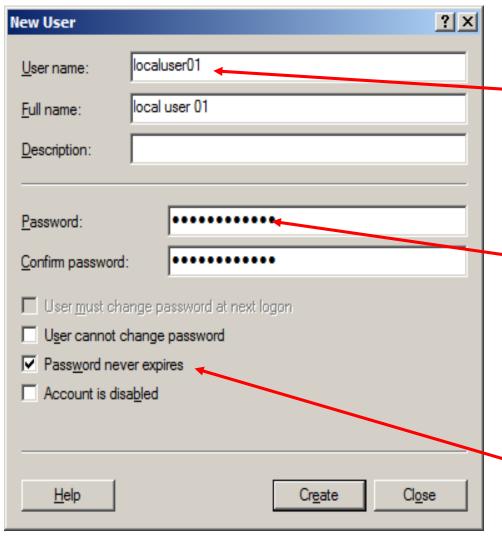
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CNT 4603: Project Six









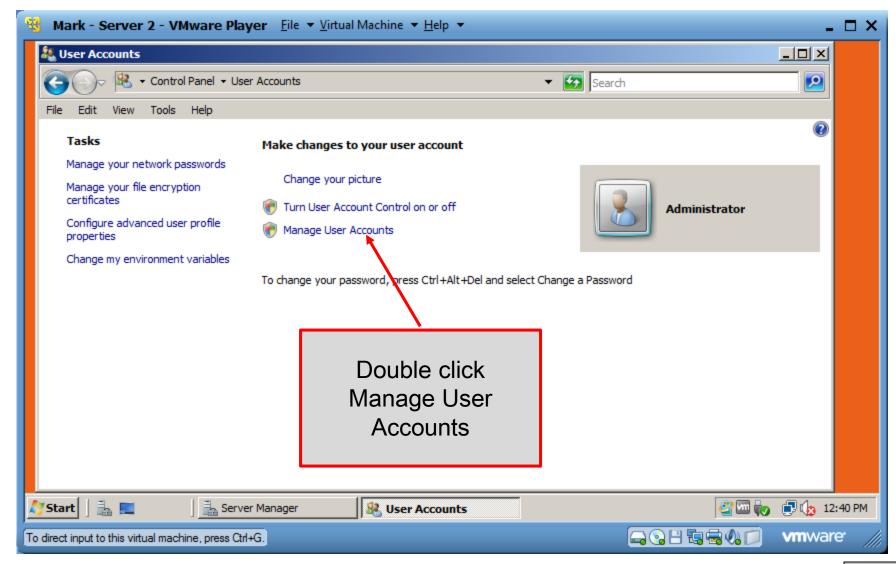
Assign this new user the username: localuser01

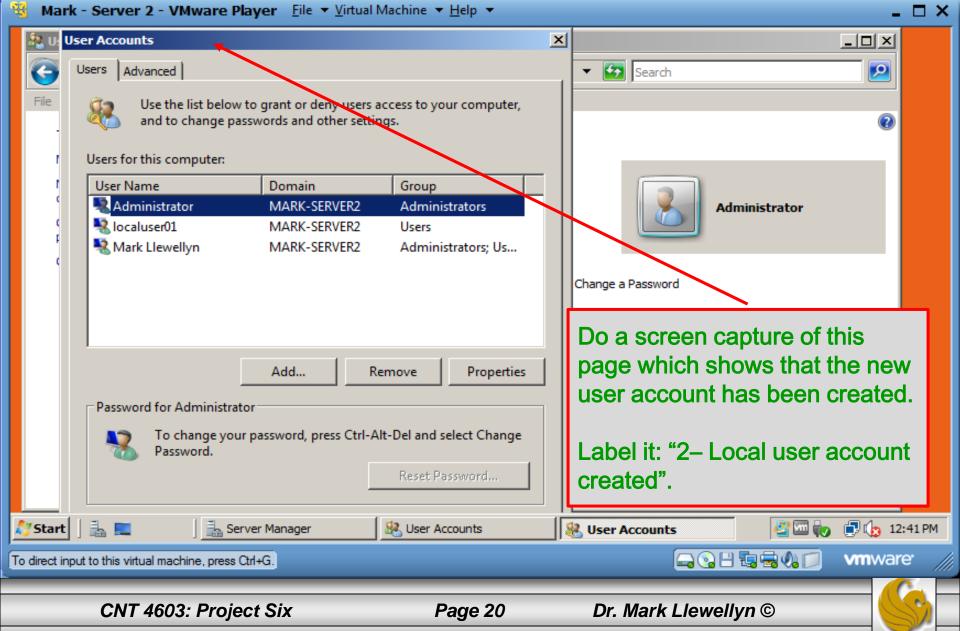
Assign this new user a password that fits the requirements that you can remember or write it down.

Since we don't have any security concerns on our little network, set the password to never expire. Note: the default is set so that the user must change this password at the next login.

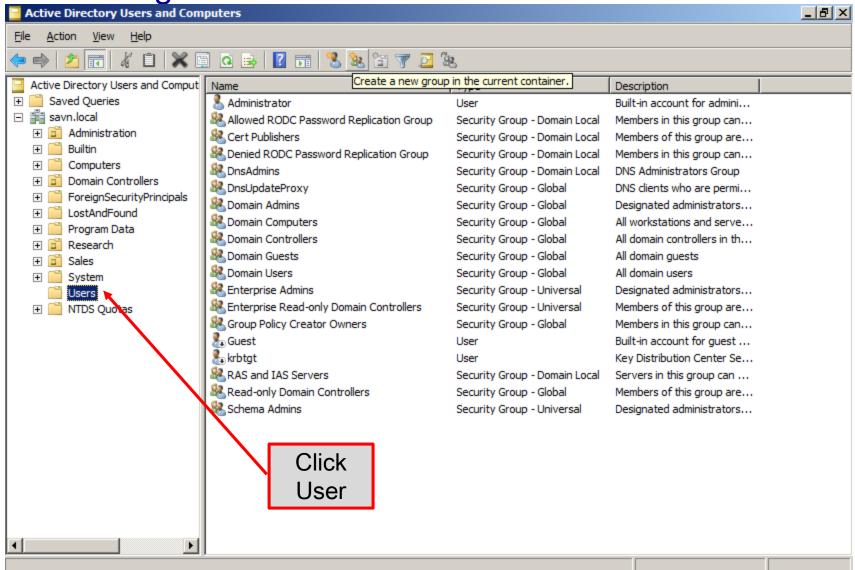
- When you complete this task, save the changes when prompted and you will have successfully created a local user account on Mark-Server2.
- Note that localuser01 is not a domain user and is known only locally to Mark-Server2.
- From the Control Panel in Mark-Server2, select the User Accounts option as shown on the next page.







- Management and access to resources through Active Directory begins through user accounts. On a server where AD is installed, new user accounts are created by first installing the Active Directory Users and Computers snap-in. We've already installed this snap-in in an earlier project. It is accessible from Administrative Tools.
- To create a user in the savn.local domain the steps are:
 - Start Mark-Server1 running.
 - Click Administrative Tools, Select Active Directory Users and Computers from the list.
 - In the left pane, click the plus sign in front of the savn.local domain entry (it may already be expanded depending on what you've done here previously).

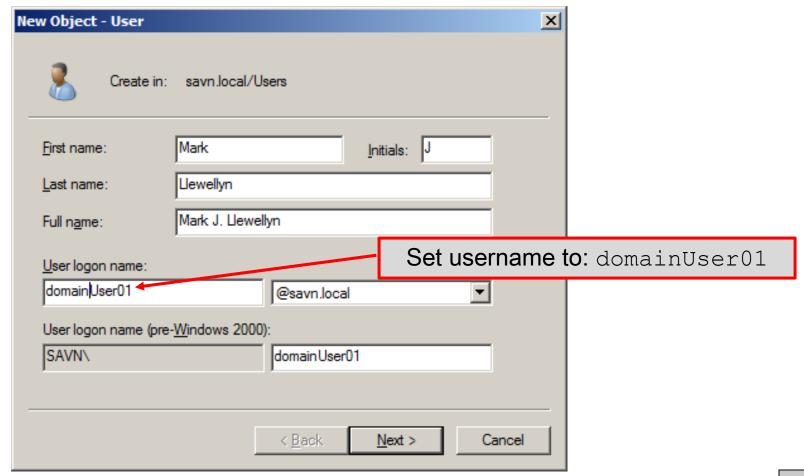


• Once you have the Users screen open, either right click on Users in the left pane or click on the Action menu item at the top and from the drop-down list select New, then select User. You should see the dialog box as shown below.

New Object - User	×
Create in: savn.local/Users	
First name: Initials:	
<u>L</u> ast name:	
Full name:	
User logon name: @savn.local ▼	
User logon name (pre- <u>W</u> indows 2000):	
< <u>B</u> ack <u>N</u> ext > Cance	el

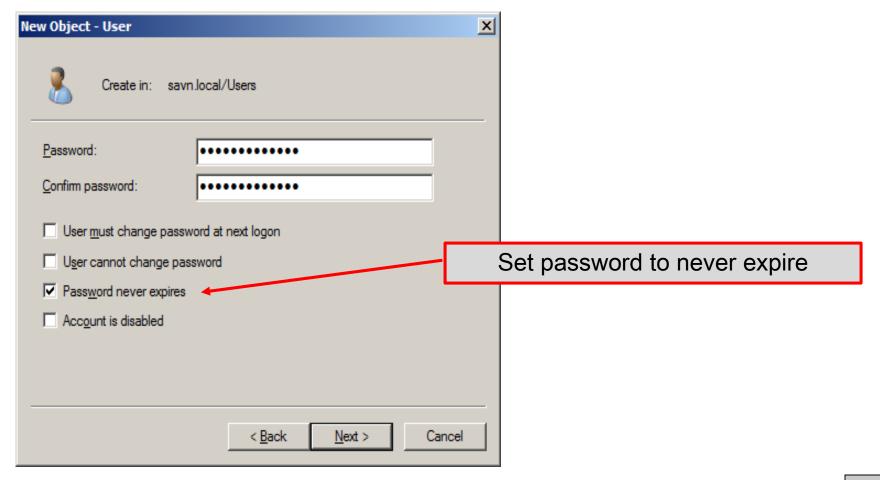


• Enter your name into the new user dialog box and give the user the login name of domainUser01.





• The password setting dialog box appears next. Give the user a password and set it to never expire.





• The final dialog box appears next with a summary of information for the new user

