Project Six – Managing The savn.local Domain
Project Six

• Title: “Project Six: Managing The savn.local Domain”
• Points: 30 points
• Due Date: April 13\textsuperscript{th} by 11:55 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 Server01 and Server02.
• Deliverables: Screen shots as shown on pages 8, 20, 27, and 28.
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 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.
Project Six – Creating OUs

- **Start Server01** (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.
Select Organizational Unit
Project Six – Creating OUs

Create in: savn.local/

Name:

Administration

Protect container from accidental deletion

OK  Cancel  Help
Do a screen capture of this page illustrating the three new OUs.
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 Server02 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 Server02 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 Server01.
Generating a Local User Account on Server02

- 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 Server02 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.
Generating a Local User Account on **Server02**

![Add or Remove Snap-ins Window]

You can select snap-ins for this console from those available on your computer and configure the selected set of snap-ins. For extensible snap-ins, you can configure which extensions are enabled.

**Available snap-ins:**
- Folder
- Group Policy Object...
- IP Security Monitor
- IP Security Policy Manager
- Link to Web Address
- Local Users and Groups
- NAP Client Configuration
- Reliability and Performance
- Reliability Monitor
- Remote Desktops
- Resultant Set of Policy
- Routing and Remote Access
- Security Configuration
- Security Templates

**Selected snap-ins:**
- Console Root

**Description:**
Manages Local Users and Groups

[Options: Edit Extensions..., Remove, Move Up, Move Down, Advanced..., OK, Cancel]
Generating a Local User Account on **Server02**

- 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.
Generating a Local User Account on Server02

Click OK
Generating a Local User Account on Server02

Double Click
Generating a Local User Account on Server02

1. Double click Users
2. Click the Action menu item
Generating a Local User Account on Server02

- When you click the Action menu item a drop down list containing several options appears. The first of these options is New User…, click on this option and the New User dialog box as shown below appears:
Generating a Local User Account on Server02

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.
Generating a Local User Account on Server02

- When you complete this task, save the changes when prompted and you will have successfully created a local user account on Server02.

- Note that localuser01 is not a domain user and is known only locally to Server02.

- From the Control Panel in Server02, select the User Accounts option as shown on the next page.
Generating a Local User Account on Server02

Double click Manage User Accounts

To change your password, press Ctrl+Alt+Del and select Change a Password
Generating a Local User Account on **Server02**

Do a screen capture of this window which shows that the new user account has been created.
Generating a Domain User Account on Server01

- 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 Server01 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).
Generating a Domain User Account on Server01

Click User
Generating a Domain User Account on Server01

• 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.
Generating a Domain User Account on Server01

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

Set username to: `domainUser01`
Generating a Domain User Account on Server01

- The password setting dialog box appears next. Give the user a password and set it to never expire.
Generating a Domain User Account on Server01

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

  - Full name: Mark J. Llewellyn
  - User logon name: domainUser01@savn.local
  - The password never expires.

  Click Finish
Generating a Domain User Account on **Server01**

Return to the Users screen and do a screen capture that clearly shows the newly created domain user.
Leave Server01 running and Start Server02 running and log onto Server02 via the savn.local domain as the user you just created.

Then do a screen capture of the Start page, showing this user is logged on to Server02.
Shut down Server01 and leave Server02 running. If you are currently logged onto Server02 as domainUser01, logout. Then attempt to log in to Server02 as domainUser01 and you should see this screen.

There are currently no logon servers available to service the logon request.