CIS131 Homework #1 – Topics from Chapters 4 and 5

Some of the below questions will require that you provide a PrintScreen image (aka screenshot) of a window on one of your virtual operating systems and paste it into your Homework document as part of your answer. Some questions will ask that you include the command used to accomplish the task as well as its output. If you’re using the word processor on your computer (as opposed to that of the virtual OS), the easiest way to do this is to use the Windows 7 snipping tool. If you don’t know how to use this tool, please refer to the instructions provided on the course website – on the supplemental materials page.

When answering questions which request a detailed list of the steps used to complete a task, your answer must be either a bulleted or numbered list of the exact steps taken to complete the task; do not answer in paragraph form and assume I will follow the steps you provide to perform that task.

Please be sure to label each answer with its respective problem number and make sure you answer ALL questions. You need not include the original questions within your homework document however if you choose to include the questions, make sure you use bold text when typing your answers.

If you are not sure what I’m looking for – please ASK!

Windows 2008R2

All of the tasks in this section MUST be completed on the Windows 2008R2 virtual operating system which is part of your virtual domain.

1. From the command prompt, use the appropriate CPL file to open the firewall settings screen.
   a. What command did you use?

2. From the command prompt explore the system32 directory and list the other control panel files (cpl file) that can be used to open control panel items. Test at least two (do not use the firewall tool).
   a. How did you quickly find these files?
   b. For each tool you tested, provide the exact command used to open the tool and explain its purpose.

3. Explore the use of the control command. Use it with at least 2 different options that you feel would be useful.
   a. Which options did you use? Include the command used for each.
   b. Explain the purpose of each.

4. Display the screen which shows your server’s workgroup/domain status.
   a. Provide a print-screen image which displays the screen from which you obtained your answer.
   b. Is your server a Member Server, Stand alone Server or Domain Controller?
   c. Briefly explain the difference between the three: stand alone server, member server & domain controller.
5. Confirm to me that you know where to configure the folder view to show hidden files, to show system files and to hide extensions of known file types. Don’t change the settings; just show me a screenshot that confirms that you know where this is configured.

6. Notification Area
   - Remove the volume icon from the notification area.
   - Configure the “Vmware tools” icon to be hidden.
   a. Confirm that the settings have been appropriately configured. Screenshots of the settings are required here.

7. From within computer management, connect to any one of the clients and view the client’s Application log within the Event Viewer node.
   a. Provide a screenshot of your entire Windows Server window. (I need to see the title bar at the top of the window which confirms you’re in the Windows server OS. I also need the first column of computer management wide enough so that I can see the name that appears to the right of “Computer Management”.)

Windows Clients
Use the specified Windows Client machine to complete the remaining questions.

8. Login as the local administrator on Windows XP. Confirm to me that this is who you’re logged in as; type set u at the command prompt and provide the command and its output as your answer to this question.

9. Login as the domain administrator on Windows XP. Confirm to me that this is who you’re logged in as; type set u at the command prompt and provide the command and its output as your answer to this question.

10. Login as the local administrator on Windows 7. Confirm to me that this is who you’re logged in as; type whoami at the command prompt followed by echo %computername% and provide a screenshot which includes both commands as well as the output of both commands.

11. Login as the domain administrator at Windows 7. Confirm to me that this is who you’re logged in as; type whoami at the command prompt followed by echo %computername% and provide a screenshot which includes both commands as well as the output of both commands.

12. Login as the local administrator on Windows 8. Confirm to me that this is who you’re logged in as; type whoami at the command prompt followed by echo %computername% and provide a screenshot which includes both commands as well as the output of both commands.

13. Login as the domain administrator at Windows 8. Confirm to me that this is who you’re logged in as; type whoami at the command prompt followed by echo %computername% and provide a screenshot which includes both commands as well as the output of both commands.
14. Login as the local administrator on Windows 10. Confirm to me that this is who you’re logged in as; type `whoami` at the command prompt followed by `echo %computername%` and provide a screenshot which includes both commands as well as the output of both commands.

15. Login as the domain administrator at Windows 10. Confirm to me that this is who you’re logged in as; type `whoami` at the command prompt followed by `echo %computername%` and provide a screenshot which includes both commands as well as the output of both commands.

16. At Windows 7, create a shortcut to the command prompt on the All Programs menu; create it so that it is on the Programs menu for all users.
   a. Include a screenshot which confirms the shortcut was created; the screenshot should be of the start menu’s All Programs folder’s contents (crop the desktop out of the image).
   b. Provide a screenshot of the folder (Windows Explorer) in which the shortcut is stored? Make sure the absolute path to the folder is displayed in the address bar.
   c. Provide an exact list of the steps you used to create this shortcut in the designated location.

17. On either Windows 7, 8 or 10 use the Net Time command to identify the server that is this computer’s time server.
   a. Provide the command and it’s output.

18. At the same machine as was used in the previous question, from the command prompt, change the time to 5 minutes from now and then use the Net Time command to synchronize this computer’s clock with the time server. Provide the commands used and their output.

19. On both Windows 7 and Windows 10 add the “network” icon to the start menu. For each, include a screenshot which confirms you’ve added it to the start menu and include the exact list of steps used to complete the task.

20. From within computer management on either Windows 7, 8 or 10, connect to the server and view the server’s Application log within the Event Viewer node.
   a. Provide a screenshot of your entire Virtual Operating System window. (I need to see the title bar at the top of the window which identifies which Virtual OS you’re using. I also need the first column of computer management wide enough so that I can see the name that appears to the right of “Computer Management”.)