**IT Auditing with the Command Line**

**Build your Server**

1. Download and install VMware 12 Pro from: <https://e5.onthehub.com/WebStore/Security/Signin.aspx?ws=933e35a0-db9b-e011-969d-0030487d8897&vsro=8&action=signout>
2. Download the .iso file for Windows Server 2016 Datacenter 64-bit
3. Configure your Virtual Machine in VMware by creating a new virtual machine and pointing it towards the .iso file you just downloaded
	1. Take note of the license key on the software website
4. Once installation has completed verify that you can access the server. Provide a screenshot of your desktop:

**Open the Command Prompt**

1. Click on the start menu->Windows System->Right click on Command Prompt->Select run as administrator

**The rest of the activity will be completed entirely through command line**

Please provide the command used to complete the task as well as a screenshot of your output in the command line window. Please only include the actual command line window.

**Basic Commands**

1. **List available commands**

Command:

1. **List Files**

Show the entire contents of the default directory in the command prompt:

Command:

1. **Moving through Directories**

Change your directory to: C:\Program Files (x86)\Internet Explorer

Command:

1. **Move up one level in a directory**

**Go up one level to** C:\Program Files (x86)\ but do not type out the full directory. Hint: there is a shortcut do this exact task.

Command:

1. **Open Files**

Open Internet Explorer

Command:

1. **Creating Folders**

Change your directory to the desktop and create a folder called “ITACS5122”

Command:

1. **Switching to different drives**

You are currently on the C: drive, which is your default hard drive. Attempt to move to your DVD Drive

Command:

Did the command work?

1. **Creating new files**

Move back to your ITACS5122 Folder (Extra Credit: can you move to the folder without typing the whole folder name?), and create a txt file called TEST.txt and TEST1.txt in the ITACS5122 folder (Hint: use the start command)

Command:

1. **Moving a file**

Move the TEST1.txt file from the ITACS5122 folder to the desktop without typing the directory of the desktop

Command:

1. **Copying a file**

Copy the TEST.txt file in the ITACS5122 folder to the desktop. Type out the full directory of the desktop:

Command:

1. **Renaming a file**

Rename the TEST1.txt file to ITACSTEST1.txt

Command:

1. **Deleting a file**

Delete the ITACSTEST1.txt file

Command:

1. **Renaming a folder**

Renaming the ITACS5122 folder to MIS5122

Command:

1. **IT Auditing Commands – For this section the command is provided to you. Please provide a screenshot of your use of the command and a summary of its purpose and how it could be used as an IT Auditor. Do some research on each command. I expect that your screenshot show proper usage of each command.**
	1. **Systeminfo**
	2. **Tasklist**
	3. **Taskkill**
	4. **net user**
		1. **View, Add and Delete users**
	5. **net share**
		1. **Show all shares on workstation**
		2. **Show permissions for a specific share (Create a test share and then analyze it)**
	6. **Ipconfig**
	7. **net stats**
	8. **Gpresult (/v “MachineName” /r)**
	9. **Sc query**
	10. **netsh advfirewall show allprofiles**
2. **Misc. Commands**
	1. **Shutdown**

Is there a way to control whether you will shutdown or restart?

Answer:

1. **Closing the command prompt**

Command: