

Network Security
CSIS 441
Lab 04

Name _____

- Please upload your answers to the appropriate D2L folder.
- All the requirements for a section must be satisfactory completed for credit.
- The lab must be completed before the due date and time.
- Contact your instructor with your questions about the assignments.
- The student must insure all the answers are free from any malware.
- The student must insure all answers are legal as defined by the class syllabus.

Lab04 - Host, Application, and Data Security

- 4.1. This section is three parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 4.1.1. Configure whitelisting on your system and provide the configuration showing your approved applications are in the whitelist.
 - 4.1.2. Provide evidence at least one whitelisted program will execute normally on your system.
 - 4.1.3. Provide evidence at least one non-whitelisted application will not execute on your system.
- 4.2. This section is three parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 4.2.1. One section is providing evidence of successful installation of an “undelete” program. Include the entire EULA of the program and on a separate page copy the sentences(s) that give you permission to install the program.
 - 4.2.2. One section is providing evidence the “undelete” program successfully recovers a deleted file.
 - 4.2.3. One section is providing evidence the “undelete” program operation to recover a deleted file after the volume is defragmented.
- 4.3. This section is four parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 4.3.1. One section is create a folder/directory of at least five files and report all logon/login permission setting from the command line. Identify the file system in use.
 - 4.3.2. Copy the files from the original directory to another directory on the same volume and report all logon/login permission settings from the command line. Identify the file system in use.
 - 4.3.3. Copy the files to another directory on a non-permanent attached volume and report all logon/login permission settings from the command line. Identify the file system in use.
 - 4.3.4. One section is an explanation of why or why not the file permission settings changed between folders/directories.
- 4.4. This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 4.4.1. One section is creating a batch file /script that contains the following elements
 - 4.4.1.1. The script/batch beginning identifies the purpose, author, outside help credit, and creation date.
 - 4.4.1.2. The batch file/script requests a login/logon name from the human.
 - 4.4.1.3. The batch file/script checks the input for valid characters only.
 - 4.4.1.4. Provide the source code for your batch file/script.
 - 4.4.2. One section is providing two examples of your code accepting correct input and two examples of your code rejecting incorrect input on your system.