- 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.
- All parts of your answers must be neat and easy to read.
- Paragraphs are at least four properly constructed English sentences.
- Embedding documents within documents does not work with the D2L Bright Space assignments.
- Plagiarism will not be tolerated.
- Unless noted, all lab sections must be done as unprivileged login.

Lab 10: Mount, backup and OSSEC

10.1.   Each part is worth four points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 10.1 before the due date found in the 2224a.pdf document. The text must be readable by the instructor. Submit a Windows or UNIX text file with the appropriate Windows extension.

 10.1.1. The script will have remarks identifying the author, creation date, outside help credit, and script purpose. [4 points]

 10.1.2. The script will request the path to the external backup device. [4 points]

 10.1.3. The script will create a new directory on the external backup device. [4 points]

 10.1.4. The script will back up your entire home directory to the new folder on the external backup device. [4 points]

 10.1.5. The script will create a long directory listing of all the files in the backup redirected to an output file. [4 points]

 10.1.6. Provide a copy of the source code and the long directory listing output files with each section labeled. [4 points]

 10.1.7. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]

10.2.   Each part is worth six points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 10.2 before the due date found in the 2224a.pdf document. Use the **script** command or a **putty log file (printable output only)** to create the file. Your answers must appear in your answer in the same order as the lab. The file must be human readable text only and must show your login name and all entered commands. Submit a Windows or UNIX text file with the appropriate Windows extension.

 10.2.1. Using the command line only, provide the complete output of /var/ossec/etc/ossec.conf. Please label your answer. [6 points]

 10.2.2. Using the command line only, provide the complete output of /var/ossec/logs/ossec.log. If the file does not exist, show all the files in /var/ossec/logs/. Please label your answer. [6 points]

 10.2.3. Using the command line only, provide the complete output of /var/ossec/logs/active-responses.log. If the file does not exist, show all the files in /var/ossec/logs/. Please label your answer. [6 points]

 10.2.4. Using the command line only, provide the output of the "whoami" command. Please label your answer. [6 points]

 10.2.5. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]

10.3.   Each part is worth five points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 10.3 before the due date found in the 2224a.pdf document.. Submit a Windows or UNIX text file with the appropriate Windows extension.

 10.3.1. Provide the complete text of a job advertisement related to your major you might apply. [12 points]

 10.3.2. Provide a complete copy of your resume for the submitted job advertisement. The resume must include. [12 points]

  10.3.2.1.   Your Name

  10.3.2.2.   Your Professional Contact Information

  10.3.2.3.   No spelling or grammar errors

  10.3.2.4.   How you meet or will meet each requirement in the job advertisement

  10.3.2.5.   The resume communicates all requested information in a very quick reading.

 10.3.3. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]

10.4.   This section is one document. Upload your answer(s) to the D2L Bright Space Assignment section 10.4 before the due date found in the 2224a.pdf document. In a perfect world, you should complete all the lab sections

before completing this lab section; however, you must wait to complete this lab until week 14 of the semester. Submit a Portable Document Format (PDF) or word processing file containing your answers.

10.4.1. Identify the lab or lab section that was most difficult for you. Provide at least one sentence explaining why this was the most difficult lab or lab section. [6 points]

10.4.2. Identify the lab or lab section that was the easiest for you. Provide at least one sentence explaining why this was the easiest lab or lab section. [6 points]

10.4.3. Identify the lab or lab section you learned the most. Provide at least one sentence explaining why you learned the most from this lab or lab section. [6 points]

10.4.4. Identify the lab or lab section that you think needed more detail. Provide at least one sentence explaining why you think more detail is needed. [6 points]

10.4.5. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]