Linux 2
CPTR 2234
Lab 10

- 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.
- Submit your answers in the appropriate file type.
- Embedding documents within documents does not work with the D2L Bright Space assignments.
- Plagiarism will not be tolerated.

Lab 10: Linux Security

10.1.   Upload each section answer to the D2L Bright Space Assignment section 10.1 before the due date found in the 2234a.pdf document. Use the **script** command or a **putty log file (printable output only)**. 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.

10.1.1. Provide a list of all the steps you performed to setup the OSSEC client on host01.
10.1.2. Provide a copy of all the configuration files you changed to setup the OSSEC client on host01.
10.1.3. Provide the URL for a best practices for OSSEC client setup and explain why you selected this document.
10.1.4. Identify in the configuration files the information from your best practices document.
10.1.5. Provide the documentation of successful OSSEC client connection to the OSSEC server.
10.1.6. Identify if an AI program was used in this lab section. If used, identify the AI program.

10.2.   Upload each section answer to the D2L Bright Space Assignment section 10.1 before the due date found in the 2234a.pdf document. Use the **script** command or a **putty log file (printable output only)**. 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. Provide evidence of installing a command line web browser.
10.2.2. Provide evidence of using a command line web browser viewing a web page.
10.2.3. Provide a log entry of the command line web browser connecting.
10.2.4. Identify if an AI program was used in this lab section. If used, identify the AI program.

10.3.   Upload each section answer to the D2L Bright Space Assignment section 10.3 before the due date found in the 2234a.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 you might apply.
10.3.2. Provide a complete copy of your resume for the submitted job advertisement. The resume must include.
    10.3.2.1.   Your Name
    10.3.2.2.   Your Professional Contact Information
    10.3.2.3.   How you meet or will meet each requirement in the job advertisement
    10.3.2.4.   The resume communicates all requested information in a very quick reading
    10.3.2.5.   Identify if an AI program was used in this lab section. If used, identify the AI program.

10.4.   Upload your answer(s) to the D2L Bright Space Assignment section 10.4 before the due date found in the 2234a.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.
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.
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.
10.4.4. Identify if an AI program was used in this lab section. If used, identify the AI program.