Linux 2
CPTR 2234
Lab 09

- 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 09: Linux Security

9.1. Upload each section answer to the D2L Bright Space Assignment section 9.1 before the due date found in the 2234a.pdf document. Use the **script** command or a **putty log file** 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.

9.1.1. Provide documentation showing at least two different logins from host02 successfully connected to host01 using NFS .

9.1.2. Provide all the log file entries from host01 documenting host02 related to NFS.

9.1.3. Provide the log file entries from host02 documenting NFS.

9.1.4. Your organization plans to sell the NFS log files to a data aggregation company. Using your ethic source, do you approve? What will you do?

9.1.5. Identify if an AI program was used in this lab section. If used, identify the AI program.

9.2. Upload each section answer to the D2L Bright Space Assignment section 9.2 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.

9.2.1. Provide documentation showing at least two logins copying at least ten files from host02 to host01 using NFS .

9.2.2. Provide all the log file entries from host01 documenting host02 related to NFS.

9.2.3. Provide the log file entries from host02 documenting NFS.

9.2.4. Your organization plans to sell the NFS log files to a data aggregation company. Using your ethic source, do you approve? What will you do?

9.2.5. Identify if an AI program was used in this lab section. If used, identify the AI program.

9.3. Upload each section answer to the D2L Bright Space Assignment section 9.3 before the due date found in the 2234a.pdf document. Use the **script** command or a **putty log file** 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.

9.3.1. Provide evidence of successfully compiling a program not installed on you class Linux system. Label your answer.

9.3.2. Provide evidence the newly compiled program works correctly. Label your answer.

9.3.3. Provide the documentation listing each step you took in configuring and testing the installation.

9.3.4. Identify if an AI program was used in this lab section. If used, identify the AI program.

9.4. Upload each section answer to the D2L Bright Space Assignment section 9.4 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.

9.4.1. Provide a list of all the steps you performed to setup the OSSEC server on host02.

9.4.2. Provide a copy of all the configuration files you changed to setup the OSSEC server on host02.

9.4.3. Provide the URL for a best practices for OSSEC client setup and explain why you selected this document.

9.4.4. Identify in the configuration files the information from your best practices document.

9.4.5. Provide the documentation of successful OSSEC client connection to the OSSEC server.

9.4.6. Identify if an AI program was used in this lab section. If used, identify the AI program.