

Linux 2
CPTR 2234
Lab 08

- 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 08: Linux Server

- 8.1. Upload each section answer to the D2L Bright Space Assignment section 8.1 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.
 - 8.1.1. Provide a list of all the steps you performed to setup SSL and a secure web server.
 - 8.1.2. Provide a copy of all the configuration files you changed to setup the secure web server.
 - 8.1.3. Provide the configuration to update the keys.
 - 8.1.4. Provide the URL for a best practices for secure web server setup and explain why you selected this document.
 - 8.1.5. Identify if an AI program was used in this lab section. If used, identify the AI program.
- 8.2. Upload each section answer to the D2L Bright Space Assignment section 8.2 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.
 - 8.2.1. Provide documentation showing the client host successfully viewed the secure web page.
 - 8.2.2. Provide all the log file entries from web server host dealing with the web server connection.
 - 8.2.3. Provide the log file entries from web client host dealing with the web server connection.
 - 8.2.4. According to your ethics, who is allowed to see the log files created by this script? Provide the wording from your ethics statement that supports your answer.
 - 8.2.5. Identify if an AI program was used in this lab section. If used, identify the AI program.
- 8.3. Upload each section answer to the D2L Bright Space Assignment section 8.3 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.
 - 8.3.1. Provide a list of all the steps you performed to setup the NFS server on host01.
 - 8.3.2. Provide a copy of all the configuration files you changed to setup the NFS server on host01.
 - 8.3.3. Provide the URL for a best practices for NFS servers setup and explain why you selected this document.
 - 8.3.4. Identify in the configuration files the information from your best practices document.
 - 8.3.5. Provide the documentation of configuring all host01 logins for NFS use.
 - 8.3.6. Identify if an AI program was used in this lab section. If used, identify the AI program.
- 8.4. Upload each section answer to the D2L Bright Space Assignment section 8.4 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.
 - 8.4.1. Provide a list of all the steps you performed to setup the NFS client on host02.
 - 8.4.2. Provide a copy of all the configuration files you changed to setup the NFS client on host02.
 - 8.4.3. Provide the URL for a best practices for NFS client setup and explain why you selected this document.
 - 8.4.4. Identify in the configuration files the information from your best practices document.
 - 8.4.5. Provide the documentation of configuring all host02 logins for NFS use.
 - 8.4.6. Identify if an AI program was used in this lab section. If used, identify the AI program.