

Linux 2
CPTR 2234
Lab 02

- 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 02: Linux Storage

- 2.1. Upload each section answer to the D2L Bright Space Assignment section 2.1 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.
 - 2.1.1. Provide a long directory listing of `~/doc21` showing the default permission settings. The folder includes the files `~/doc21/doc21a.txt`, `~/doc21/doc21b.txt` and `~/doc21/doc21c.txt` Label your answer.
 - 2.1.2. Provide evidence of setting the “sticky” bit on `~/doc21` only using numbers only. Label your answer.
 - 2.1.3. Provide evidence of setting the permissions for `~/doc21/doc21a.txt` using numbers in `chmod` to user read write execute, group read, and others read. Label your answer.
 - 2.1.4. Provide evidence of setting the permissions for `~/doc21/doc21b.txt` using numbers in `chmod` to user read, group read write execute, and others read. Label your answer.
 - 2.1.5. Provide evidence of setting the permissions for `~/doc21/doc21c.txt` using numbers in `chmod` to user read, group read, and others read write execute. Label your answer.
 - 2.1.6. Provide evidence of setting the group ownership for `~/doc21/doc21a.txt` to the group “cdrom”. Label your answer.
 - 2.1.7. Provide evidence of a long directory listing showing permissions
 - 2.1.8. Identify if an AI program was used in this lab section. If used, identify the AI program.
- 2.2. Upload each section answer to the D2L Bright Space Assignment section 2.2 before the due date found in the 2234a.pdf document. Use the **script** command or a **putty log file (printable output only)** to create the file. 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.
 - 2.2.1. Provide a long directory listing of `~/doc22` showing the default permission settings. The folder includes the files `~/doc22/doc22a.txt`, `~/doc22/doc22b.txt` and `~/doc22/doc22c.txt` Label your answer.
 - 2.2.2. Provide evidence of setting the “setgid” bit on `~/doc22` only using numbers only. Label your answer.
 - 2.2.3. Provide evidence of setting the permissions for `~/doc22/doc22a.txt` using numbers in `chmod` to user read write, group read write, and others read write. Label your answer.
 - 2.2.4. Provide evidence of setting the permissions for `~/doc22/doc22b.txt` using numbers in `chmod` to user read write, group read write and others read write. Label your answer.
 - 2.2.5. Provide evidence of setting the permissions for `~/doc22/doc22c.txt` using numbers in `chmod` to user read write, group read write, and others read write. Label your answer.
 - 2.2.6. Provide evidence of setting the group ownership for `~/doc22/doc22a.txt` to the group “floppy”. Label your answer.
 - 2.2.7. Provide evidence of a long directory listing showing permissions
 - 2.2.8. Identify if an AI program was used in this lab section. If used, identify the AI program.
- 2.3. Upload each section answer to the D2L Bright Space Assignment section 2.3 before the due date found in the 2234a.pdf document. Submit a Windows or UNIX text file with the appropriate Windows extension.
 - 2.3.1. The script will have remarks identifying the author, creation date, outside help credit, and script purpose.
 - 2.3.2. The script will report the current system date to a file.
 - 2.3.3. Provide a long directory listing of `~/doc23` showing the default permission settings. The folder includes the files `~/doc23/doc23a.txt`, `~/doc23/doc23b.txt` and `~/doc23/doc23c.txt` Label your answer.
 - 2.3.4. Provide evidence of setting the “setuid” bit on `~/doc23/doc23a.txt` only using numbers. Label your answer.
 - 2.3.5. Provide evidence of setting the permissions for `~/doc23/doc23a.txt` using numbers in `chmod` to user read write, group read, and others read. Label your answer.
 - 2.3.6. Provide evidence of setting the permissions for `~/doc23/doc23b.txt` using numbers in `chmod` to user read, group read, and others read. Label your answer.

- 2.3.7. Provide evidence of setting the permissions for `~/doc23/doc23c.txt` using numbers in `chmod` to user read, group read, and others read. Label your answer.
 - 2.3.8. Provide evidence of setting the group ownership for `~/doc23/doc23a.txt` to the group "tape". Label your answer.
 - 2.3.9. Provide evidence of a long directory listing showing permissions
 - 2.3.10. Provide the script source code.
 - 2.3.11. Provide the script output file showing the output.
 - 2.3.12. Identify if an AI program was used in this lab section. If used, identify the AI program.
- 2.4. Upload each section answer to the D2L Bright Space Assignment section 2.4 before the due date found in the 2234a.pdf document. Submit a Windows or UNIX text file with the appropriate Windows extension.
 - 2.4.1. The script will report the current system date to a file.
 - 2.4.2. Provide a long directory listing of `~/doc24` showing the default permission settings. The folder includes the files `~/doc24/doc24a.txt`, `~/doc24/doc24b.txt` and `~/doc24/doc24c.txt` Label your answer.
 - 2.4.3. Provide evidence of setting the "setgid" and "setuid" bit on `~/doc24/doc24a.txt` only using letters. Label your answer.
 - 2.4.4. Provide evidence of setting the permissions for `~/doc24/doc24a.txt` using letters in `chmod` to user read write execute, group read, and others read. Label your answer.
 - 2.4.5. Provide evidence of setting the permissions for `~/doc24/doc24b.txt` using letters in `chmod` to user read, group read write execute, and others read. Label your answer.
 - 2.4.6. Provide evidence of setting the permissions for `~/doc24/doc24c.txt` using letters in `chmod` to user read, group read, and others read write execute. Label your answer.
 - 2.4.7. Provide evidence of setting the group ownership for `~/doc24/doc24a.txt` to the group "nobody". Label your answer.
 - 2.4.8. Provide evidence of a long directory listing showing permissions
 - 2.4.9. Provide the script source code.
 - 2.4.10. Provide the script output file showing the output.
 - 2.4.11. Identify if an AI program was used in this lab section. If used, identify the AI program.