

Linux 1  
CPTR 2224  
Lab 07

- 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 07: Command Line 3 & Printing

- 7.1. Each part is worth three points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 7.1 before the due date found in the 2224a.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.
- 7.1.1. Create a login on the command line only with the name and form of Alphonse Z. Albatross. Please label your answer. [ 3 points ]
- 7.1.2. The login has an acceptable password. Please label your answer. [ 3 points ]
- 7.1.3. On the command line, show login has a home directory in /home. Please label your answer. [ 3 points ]
- 7.1.4. On the command line, show the login expires at the class final exam due date. Please label your answer. [ 3 points ]
- 7.1.5. On the command line, show login is a member of cdrom, dialout, ftp and users groups. The groups should exist on the class Linux VM. Please label your answer. [ 3 points ]
- 7.1.6. On the command line, show the login's primary group is the same as the login name. Please label your answer. [ 3 points ]
- 7.1.7. Provide the output of the **id** command for Alphonse Z. Albatross. Please label your answer. [ 3 points ]
- 7.1.8. Provide evidence of successful log in as Alphonse Z. Albatross. Please label your answer. [ 3 points ]
- 7.1.9. 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 ]
- 7.2. Each part is worth three points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 7.2 before the due date found in the 2224a.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.
- 7.2.1. Create a login on the command line only with the name and form of Alphonse J. Albatross. Please label your answer. [ 3 points ]
- 7.2.2. The login has an acceptable password. Please label your answer. [ 3 points ]
- 7.2.3. On the command line, show login has a home directory in /home. Please label your answer. [ 3 points ]
- 7.2.4. On the command line, show the login expires at the class final exam due date. Please label your answer. [ 3 points ]
- 7.2.5. On the command line, show login is a member of cdrom, dialout, ftp and users groups. The groups should exist on the class Linux VM. Please label your answer. [ 3 points ]
- 7.2.6. On the command line, show the login's primary group is the same as the login name. Please label your answer. [ 3 points ]
- 7.2.7. Provide the output of the **id** command for Alphonse J. Albatross. Please label your answer. [ 3 points ]
- 7.2.8. Provide evidence of successful log in as Alphonse J. Albatross. Please label your answer. [ 3 points ]
- 7.2.9. 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 ]
- 7.3. Each part is worth six points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 7.3 before the due date found in the 2224a.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.
- 7.3.1. Create a single folder for all the files in this lab section. [ 5 points ]
- 7.3.2. Create a file that your assigned login can read, write, and execute, but the Alphonse Z. Albatross login has no access to the file. [ 4 points ]

- 7.3.3. Create a file that the Alphonse Z. Albatross login can read, write, and execute, but your assigned login has no access to the file. [ 5 points ]
  - 7.3.4. Demonstrate that your assigned login has access to the correct file and no access to the incorrect file. [ 5 points ]
  - 7.3.5. Demonstrate that the Alphonse Z. Albatross login on your Linux system has access to the correct file and no access to the incorrect file. [ 5 points ]
  - 7.3.6. 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 ]
- 7.4. Each part is worth eight points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 7.4 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.
- 7.4.1. Provide the CUPS log file showing successful print on your class virtual Linux system. Please label your answer. [ 8 points ]
  - 7.4.2. Provide the **complete** configuration file for your CUPS server. The entire file must be present. Please label your answer. [ 8 points ]
  - 7.4.3. Provide the documentation showing each screen and correct options to select in settling up a printer. [ 8 points ]
  - 7.4.4. 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 ]