

Network Operating Systems
CPTR 2272
Lab 06

- 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.

Lab 06: Configuring and Managing Data Storage

- 6.1 Each subsection is worth six points. All answers must be in pdf file format. Upload each section answer(s) to the D2L Bright Space Assignment section 6.1 before the due date found in the 2272a.pdf document. The text must be readable by the instructor. Submit a Windows or Unix text file with the appropriate Windows extension.
- 6.1.1 Document installing a game or similar program on the server.
 - 6.1.2 Document installing a second game or similar program on the server.
 - 6.1.3 Document both programs work for your administration accounts.
 - 6.1.4 Document creating groups providing the ability to run the games. You must follow the Principle of Least Privilege.
- 6.2 Each subsection is worth five points to a maximum of twenty-five points. Upload each section answer(s) to the D2L Bright Space Assignment section 6.2 before the due date found in the 2272a.pdf document. All permissions will follow the Principle of Least Privilege. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 6.2.1 Provide the command line output showing the Alpha group has access to only one game program.
 - 6.2.2 Provide the command line output showing the Bravo group has access to the other game program.
 - 6.2.3 Create a short video of 10 minutes or less showing the following.
 - 6.2.3.1 A member of Alpha successfully running the Alpha game.
 - 6.2.3.2 A member of Alpha unsuccessfully running the Bravo game.
 - 6.2.3.3 A member of Bravo successfully running the Bravo game.
 - 6.2.3.4 A member of Bravo unsuccessfully running the Alpha game.
- 6.3 Each subsection is worth five points to a maximum of twenty-five points. Upload each section answer(s) to the D2L Bright Space Assignment section 6.3 before the due date found in the 2272a.pdf document. All permissions will follow the Principle of Least Privilege. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 6.3.1 Document installing a database on a server in the class domain. The database must have at least 10 fields and 25 rows. Within the required matrix, at least 80% will have with meaningful data. The database must be on a class server in the folder apps for your OU. You may have additional folders below apps.
 - 6.3.2 Provide the Alpha section permission settings for all the database files on the server showing the ability to add, delete, change, and view the data in the database. The report must be a command line text output of the entire directory. Identify the logon group and database access group.
 - 6.3.3 Provide the Bravo section permission settings for all the database files on the server showing the ability to read the database only. The report must be a command line text output of the entire directory. Identify the logon group and database access group.
 - 6.3.4 Provide the Charlie section permissions settings for the database files on the server showing no access to any part of the database. The report must be a command line text output of the entire directory. Identify the logon group and database access group.
 - 6.3.5 Upload a copy of the installed database.
- 6.4 Each subsection is worth eight points for a maximum of twenty-five points. Upload each section answer(s) to the D2L Bright Space Assignment section 6.4 before the due date found in the 2272a.pdf document. All permissions will follow the Principle of Least Privilege. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.
- 6.4.1 Create a 10 minute or shorter recording of the following.

- 6.4.1.1 Demonstrate a member of Alpha section permission successfully accessing the database on the server. The demonstration shows the ability to add, delete, change, and view the data in the database.
- 6.4.1.2 Demonstrate a member of Bravo section permission successfully accessing the database files on the server. The demonstration shows the ability to read the database only.
- 6.4.1.3 Demonstrate a member of Charlie section permissions unsuccessfully access the database on the server.