

Network Security
CSIS 441
Lab 07

Name _____

- Please upload your answers to the appropriate D2L folder.
- All the requirements for a section must be satisfactory completed for credit.
- The lab must be completed before the due date and time.
- 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.

Lab07 – Network Security

7.1. This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box. You may only perform this operation on a system fully under your legal control.

7.1.1. Run a password-cracking program against the following passwords. Some of these passwords are from <http://gizmodo.com/5954372/the-25-most-popular-passwords-of-2012>

7.1.1.1. A three-character password of your choice

7.1.1.2. Password

7.1.1.3. 654321

7.1.1.4. 123abc

7.1.1.5. qwerty

7.1.1.6. letmein

7.1.1.7. An eight-character password of your choice

7.1.1.8. Odnltmotd5dbguaseo

7.1.1.9. lydbtl@tbmhsi7

7.1.2. Provide a report of the password cracking program results for each password and execution time (maximum time is eight hours for each password)

7.2. This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box. This requires two hosts under your full control.

7.2.1. Provide the account name, group membership, and permission settings on host A to send and receive files from host B.

7.2.2. Provide the account name, group membership, and permission settings on host B to send and receive files from host A.

7.3. This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box. This requires two hosts under your full control.

7.3.1. Provide the complete text or XML log entry from a system you control showing the account(s) setup for sharing successfully connected to both hosts.

7.3.2. Provide evidence both hosts sent and received at least 1 MB of file(s).

7.4. This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.

7.4.1. Provide a copy of your security policy/procedure that governs local system firewalls.

7.4.2. Provide a list of all the currently open inbound firewall ports for all available protocols on your system.

7.4.3. Explain why each open port must be open using the wording from your security policy/procedure you provided.