

Network Security
CSIS 441
Lab 03

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.

Lab03 - Application and Network Attacks

- 3.1.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 3.1.1.** One section is providing the grant of permission to capture packets on the network.
 - 3.1.2.** Include a diagram of the network that identifies each network device packets will cross or use.
 - 3.1.3.** One section is providing only the three-way handshake packets XML or text file(s).
- 3.2.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 3.2.1.** One section is providing the grant of permission to capture packets on the network.
 - 3.2.2.** Include a diagram of the network that identifies each network device packets will cross or use.
 - 3.2.3.** One section is providing only the IPv4 DHCP initial address granting sequence packets XML or text files(s).
- 3.3.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 3.3.1.** One section is providing the grant of permission to capture packets on the network.
 - 3.3.2.** Include a diagram of the network that identifies each network device packets will cross or use.
 - 3.3.3.** One section is providing only the IPv6 router advertisement and router solicitation packets XML or text files(s).
- 3.4.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 3.4.1.** Select a system you control with an administration and non-administration account. Over the course of several days, logon/login to the administration and non-administration accounts. Provide the raw log file output showing the logon/logins date and time for both accounts.
 - 3.4.2.** Create a graph(s) showing the different logon/login times for both accounts.
 - 3.4.3.** Create directions to create the graph(s) for a system with 100 logon/logins.