Comp 7006 - Lab #7

Packet analysis using *tcpdump*

Due Date: October 31, 2017

You may work in groups of <u>two</u>.

<u>**Objective**</u>: To analyze traffic using **tcpdump** filters.

<u>**Your Mission**</u>:

You are required to install and set up **Telnet** services on your server. Design a **tcpdump filter** that will capture **Telnet traffic only** from your partner's machine <u>only</u>.

<u>**Constraints:**</u>

- Run tcpdump on the same server as Telnet and capture the session to a separate text file.
- Also run tcpdump on the client machine and also capture that session to a text file.
- Identify key packets such as connection establishment and the packets carrying username/password information. .

<u>**Requirements**</u>:

- Demonstrate your testbed in the lab.