# **IT-4853 Computer Forensics**

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#### Introduction

This lab will introduce how to capture packets and interpret them when performing network forensics. I will also examine how to use a graphical network analyzer to interpret the results.

### **Objective**

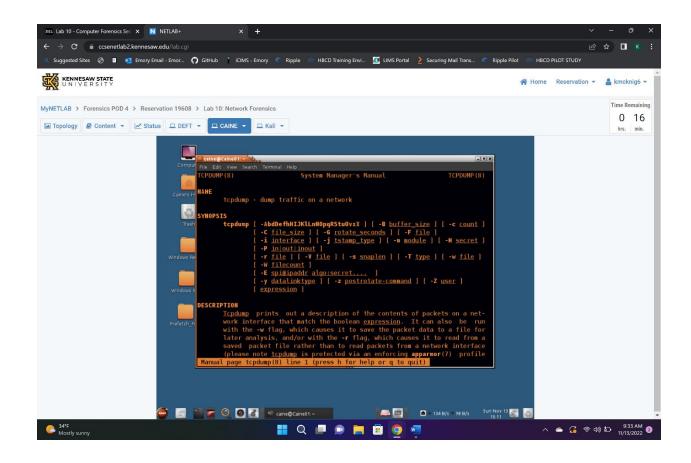
In this lab, I will be conducting forensic practices using various tools. I will be performing the following tasks:

- 1. Capturing and Analyzing Traffic with Tcpdump
- 2. Analyzing Traffic with Wireshark

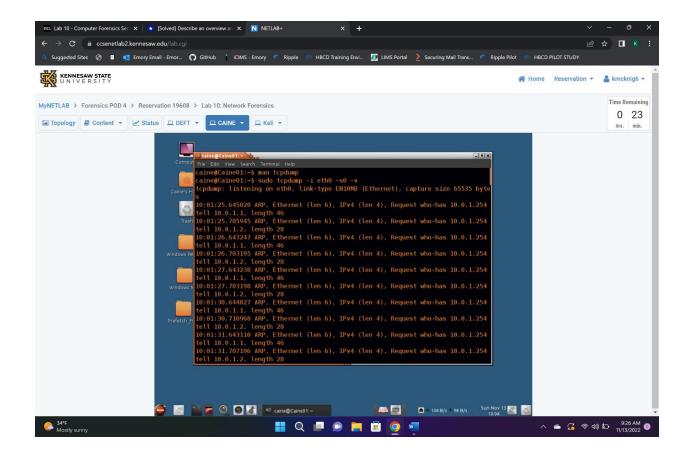
## LAB AND QUESTIONS

1. Can the man command be used to learn what other commands do? If so, give an example. If not, why?

Man command in Linux is used to display the user manual of any command that we can run on the terminal. An example would be man Wireshark

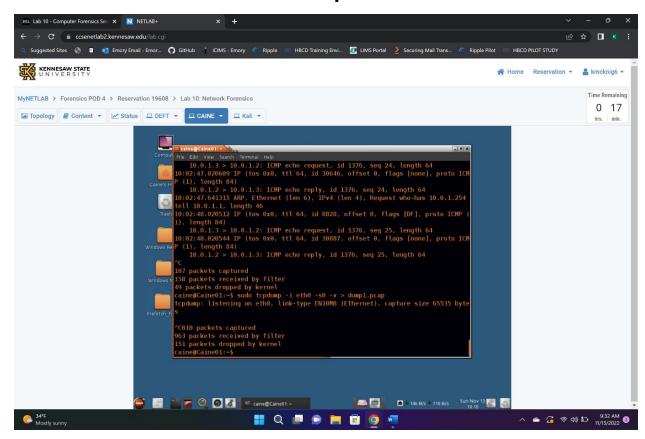


2. Why was the sudo command used to launch tcpdump? You need administrative access to run tcpdump.



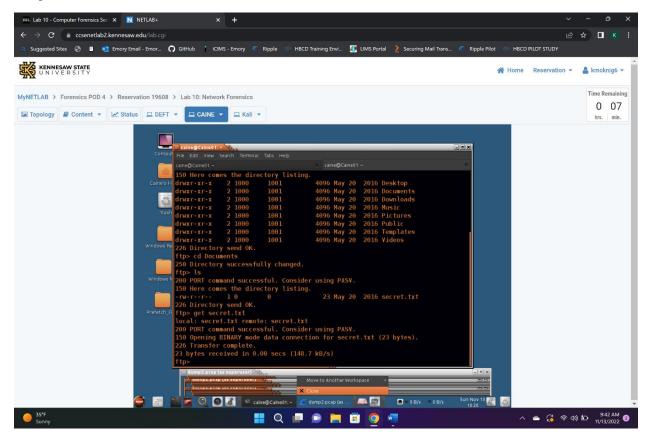
3. Take a screenshot of the Step 12, Page 8. In step 11 you typed a command. If you had to explain to a non-technical person what each step in this command does, how would you do it?

This command saves the file capture.



4. If the "get" command is used to download a file from a terminal, what command is used to upload a file?

# scp



5. In this screenshot you can view everything in cleartext. To avoid items being viewed in cleartext, what option or port could you use with FTP to make it more secure?

### **Port 990**

