GENI Lab 3 (10 points), 10/24/2017 and 10/26/2017

Name:

Student #:

Login to nodes:

Client login: ssh \_*not zxu*\_\_\_@\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ -p \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Server login: ssh \_*not zxu*\_\_\_@\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ -p \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Internet

Control Plane Switch

Client

Data i/f: eth \_\_\_

ip: \_\_\_.\_\_\_.\_\_\_.\_\_\_

Data i/f: eth \_\_\_

ip: \_\_\_.\_\_\_.\_\_\_.\_\_\_

Server

Data Plane Switch

Control i/f: eth \_\_\_

ip: \_\_\_.\_\_\_.\_\_\_.\_\_\_

Control i/f: eth \_\_\_

ip: \_\_\_.\_\_\_.\_\_\_.\_\_\_

Answer the following questions from “GENI-lab3-Instruction”

Part I: TCP Congestion Control

Step 2.3 – Screenshot of the “Total Traffic” graph. Make sure it shows both the server and client sides.

Part II: TCP/UDP Traffic Analysis

Step 3.2.7 – Screenshot of the client SSH terminal that shows the “tcpdump” command and its outputs.