

CNT5106C Computer Networks, Fall 2012
Instructor: Prof. Ahmed Helmy
Experiment/Lab #1
On Internet and Protocol Measurement Experiments
[Date Assigned: Sept 18th, 2012. Due Date: Oct 2nd, 2012]
Total Points: 60

[Please submit your results to the TAs during office hours on or before Oct 2nd. For remote students please submit your results electronically to the TAs, saeed@cise.ufl.edu or gstuncay@cise.ufl.edu]

Q1. (12 points) Use the following tools to provide information about Internet performance measurements as follows: Use each tool with at least three different destinations (one on the east coast, another on the west coast and another across an ocean), using:

i- Ping

ii- Traceroute

Comment on the output, especially pointing out any outliers or unexpected/non-intuitive results.

Q2. (18 points) Use of Wireshark I: (refer to the pdf document ‘Wireshark Lab: Getting Started’ on the class website): Perform and submit the output of the experiments included in that document.

Q3. (30 points) Use of Wireshark with http II (refer to the pdf document ‘Wireshark Lab: HTTP’ on the class website): Perform and submit the output of the experiments included in that document.