Assignment # 1
Wednesday April 28th, 2004

Due Date: Tuesday, May 11th, 2004 in class

Your team is composed of 2 students. You can decide to do one of these three problems:

1. Report on Layer-4 switches: This should include your understanding of this technology, how it is working, in what situations it is used, and how it compares to other technologies (e.g., layer-3 switches and routers) in terms of functionality, price, etc. You should clearly mention the reference for any statement taken integrally from a web page, an article, etc (e.g., In [1] it is stated that: "such and such"). But, your grade is going to depend mainly on statements using your own wording that show your understanding of this technology. The report should be 2-3 pages long.

2. Report on Layer-7 switches: The requirements for this are the same as problem **1**.

3. Installation and user manual of a tool from http://www.caida.org/tools/: You can pick a tool of your choice. This document should include a step-by-step manual for the download, installation, and usage of this tool intended for someone who has not used it before. You can include snapshots of these steps. You should clearly mention the reference for any statement taken integrally from a web page, an article, etc about the tool (e.g., In [1] it is stated that: "such and such"). But, your grade is going to depend mainly on statements using your own wording that show your understanding of this tool. There is no limit on the number of pages, but you should avoid unnecessary information.

Cheating policy:

Cheating and copying/pasting text from the web will lead to a 0 grade for all the students involved. If you are in doubt of the type of cooperation permitted, please contact the instructor.

Late Submission:

The due date for submission is **Tuesday, May 11th, 2004 during the class time**. Assignments submitted after the due date will have 10% of the assignment maximum grade subtracted for every late day. If the submission is one week late, the grade for the assignment will be 0. (e.g.; if you get a grade of 80% in the assignment and it was submitted 2 days later than the due date, you'll only receive a grade of 60%).