EE122 Team 2

Statistical Analysis on Public Packet Capture Data

Summary: We used ***wireshark***, which switches network interface controllers to promiscuous mode in order to see all traffic visible on the interface, to capture random packet data in MLK Student Union for an hour, and proceeded to do data analysis on the resulting data. From this data analysis we've derived several figures and insights on the nature of traffic patterns.

Misc facts and figures:

• Over the course of an hour, there were 383 FIN packets, meaning there were at least 383 TCP connections that were correctly terminated.

• Out of all the protocols, TCP comprised of the most bytes - a whopping 44785601 bytes, or roughly .04 GB, about 42 times the amount of data transferred through UDP.

• Traffic has the tendency to spike, rather than stay at a high level.