

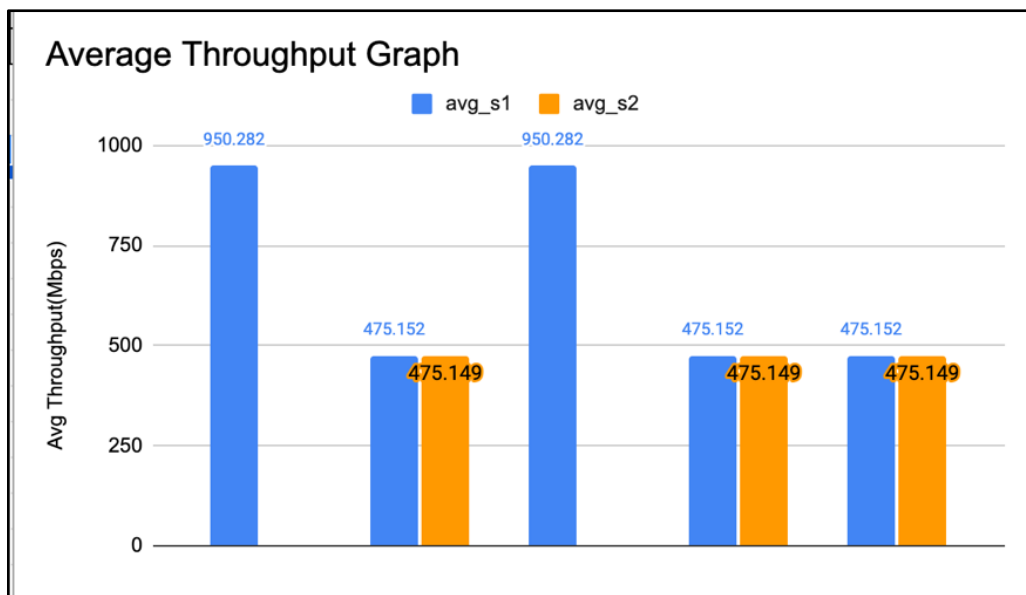
CSC/ECE 573: Project 2 Report

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TCP analysis

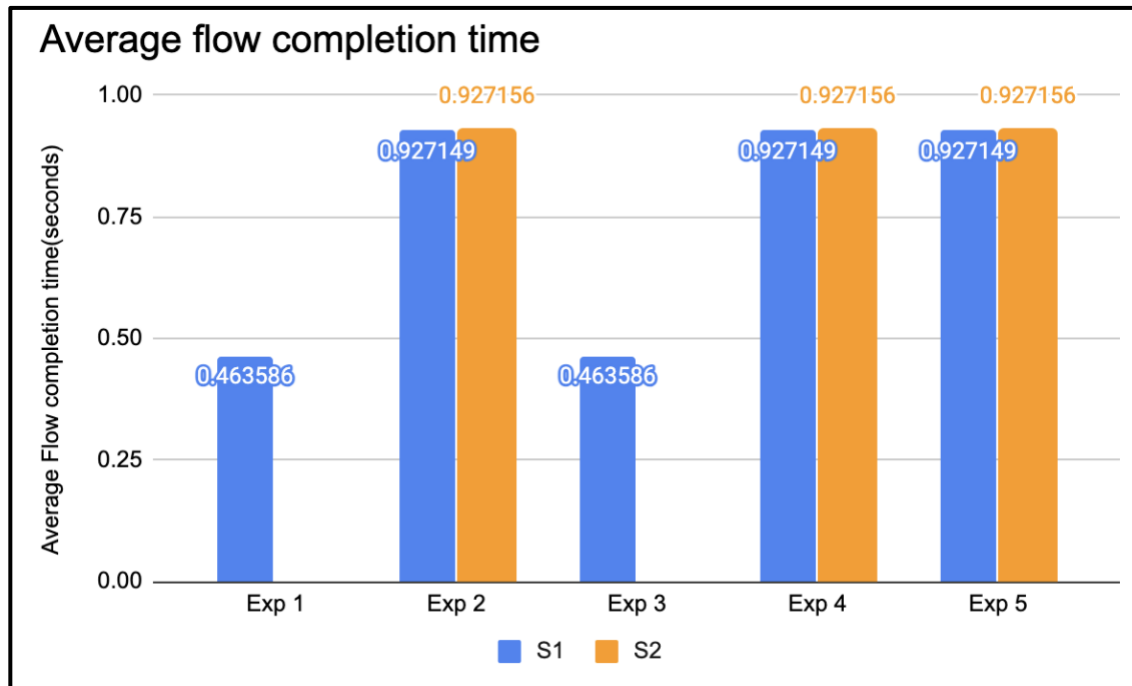
Plot of average throughput:



Analysis:

Both protocols contend to share the same resources and since routers are not configured to have any buffer size or contention building parameters, both protocols perform fairly and they work in harmony and no contention is observed, so we see almost similar average throughput for both protocols. The throughput for Bic is slightly higher than dctcp.

Plot of average flow completion time:



Analysis:

Both protocols contend to share the same resources and since routers are not configured to have any buffer size or contention building parameters, both protocols perform fairly and they work in harmony and no contention is observed, so we see almost similar average flow completion time for both protocols. The completion time for Bic is slightly lower than dctcp.