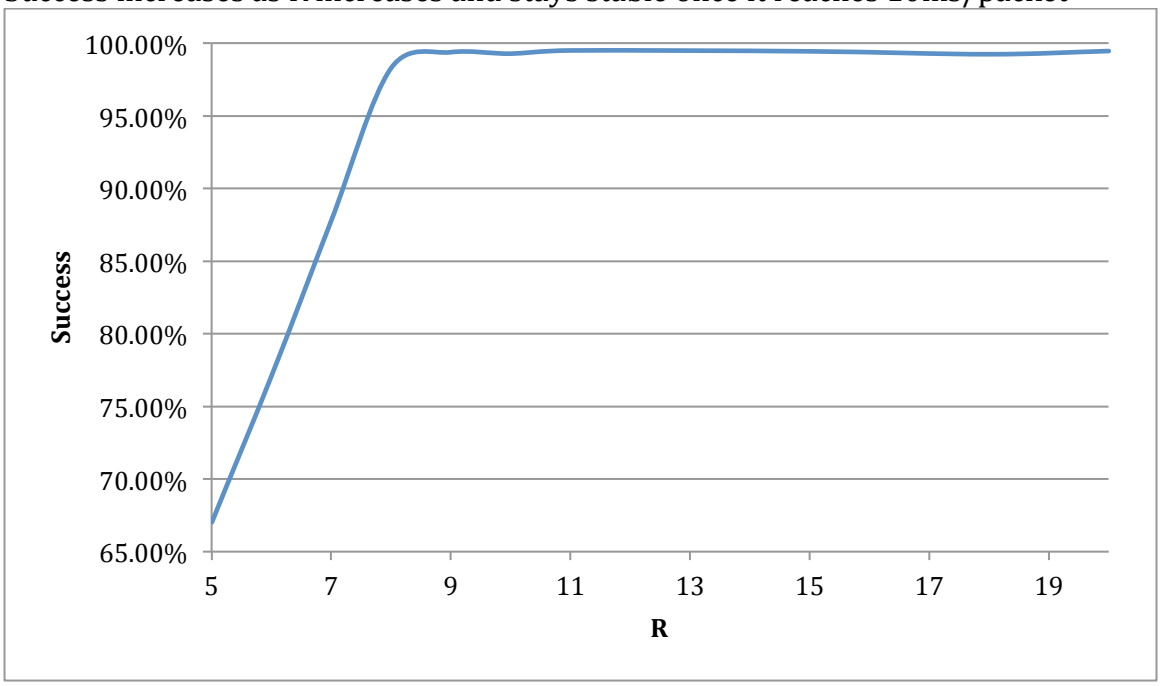
Jennifer Wu

Project 2 Writeup

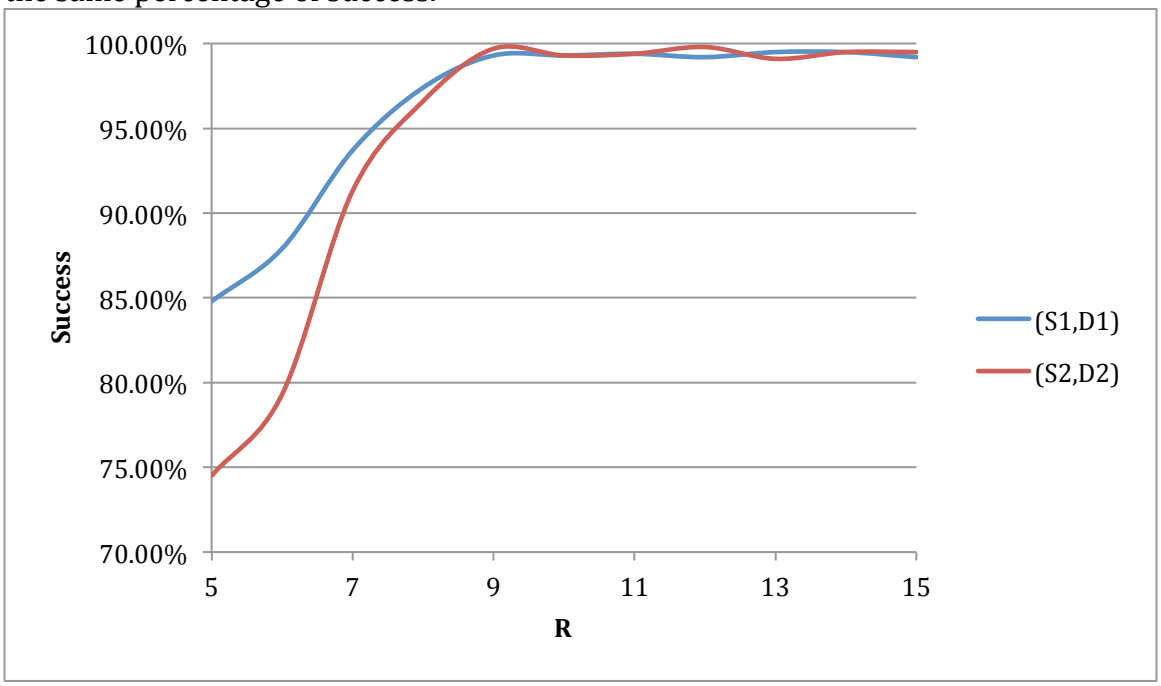
Step 1

2) Success increases as R increases and stays stable once it reaches 10ms/packet



Step 2

1) (S2, D2) flow starts off with lower success but eventually both stabilizes at around the same percentage of success.



2) From my experiments it doesn't seem like there was ever a 60% success rate :(

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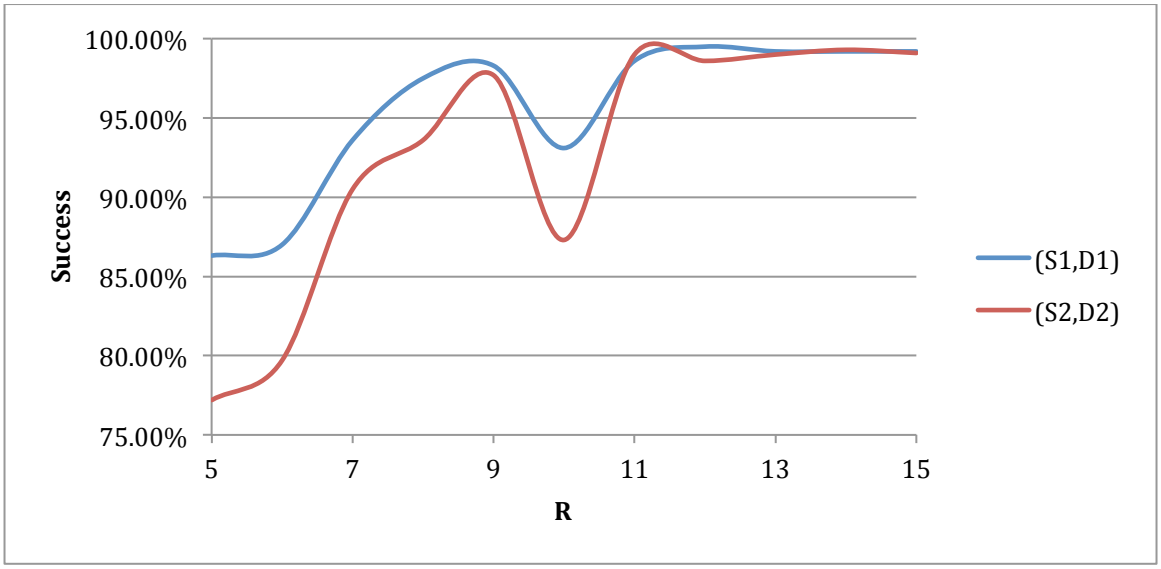
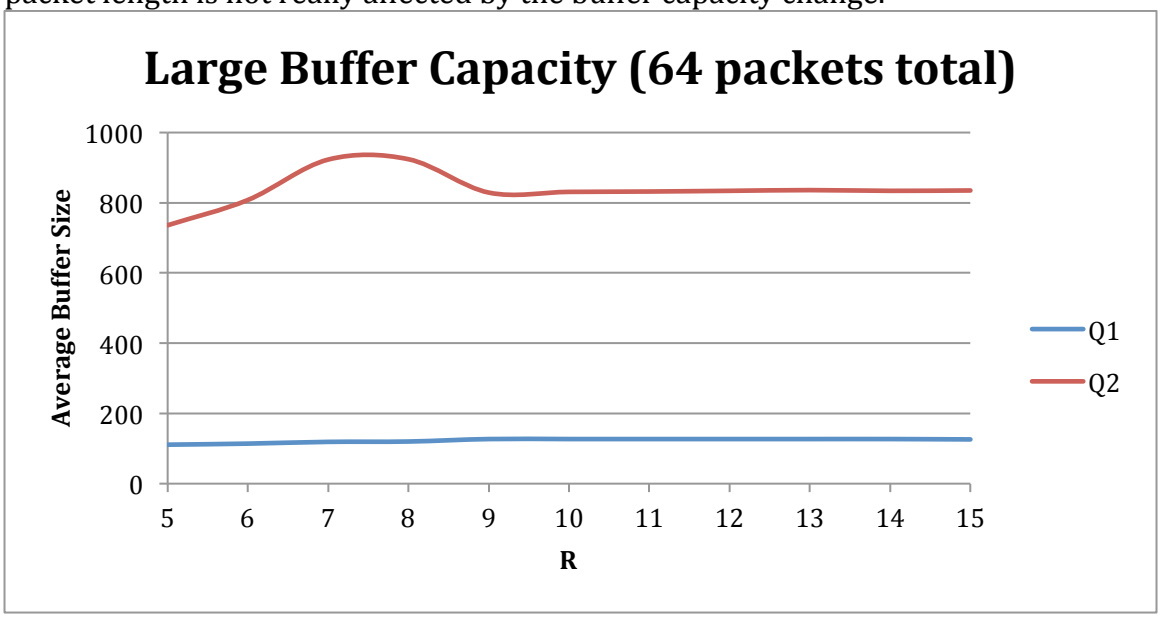
Project 2 Writeup

Step 3

1) Flow 1 seems to in general have higher success rate than Flow 2, whereas in Step 2 the success rates seem to be more the same.



2) The length of Queue 2 always seems to get close to the capacity, so when buffer capacity is decreased, Queue 2 is affected. On the other side, Queue 1's average packet length is not really affected by the buffer capacity change.



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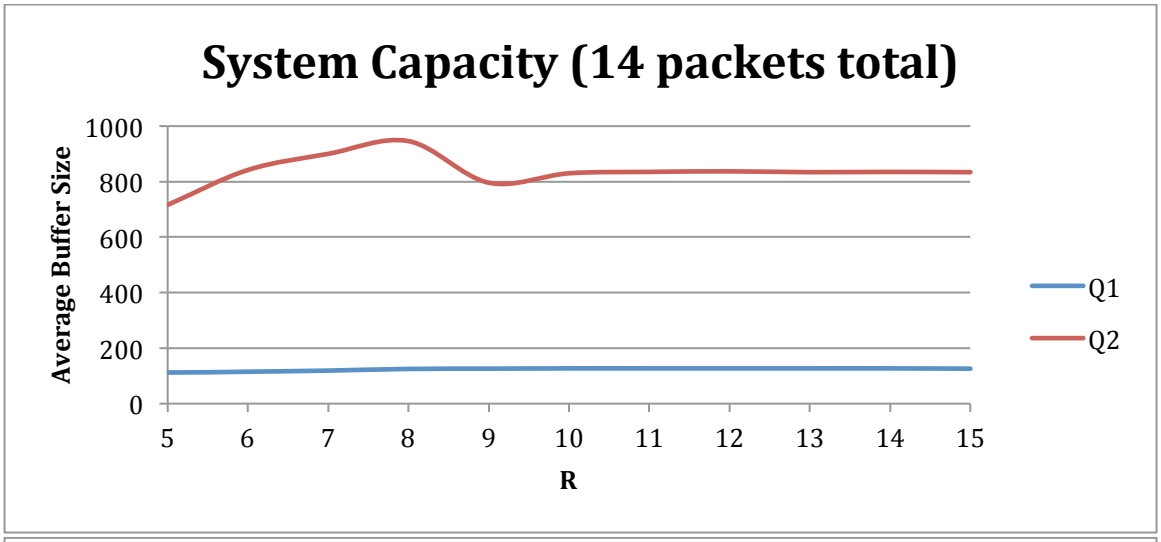

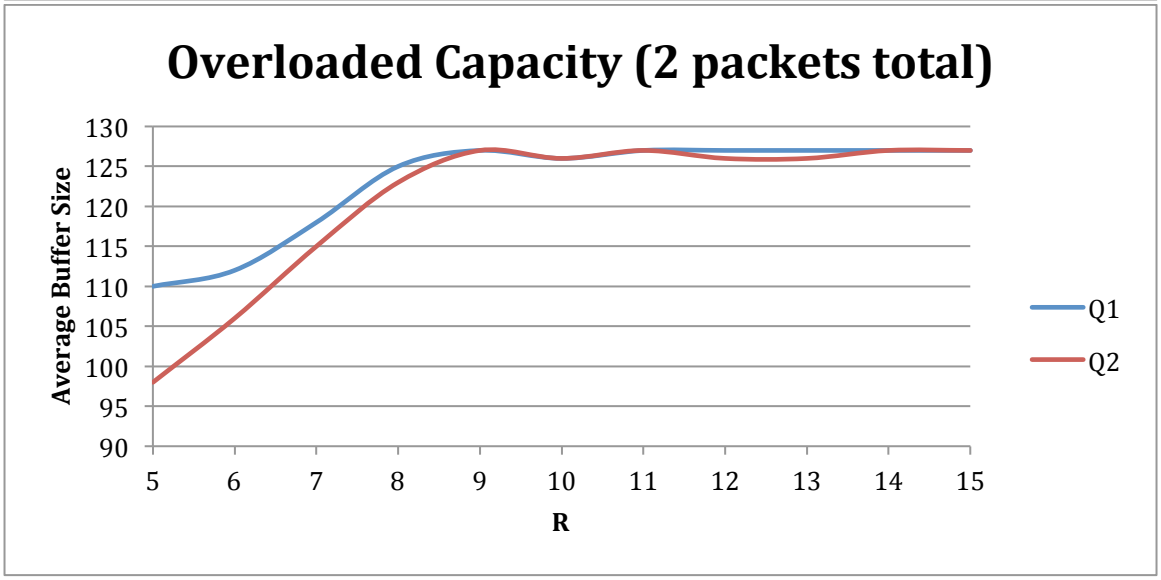

3) It seems like around 10ms/packet is when it's the lowest loss rate, but can't find where it actually has no loss.