

Home Work 6: Report

Name: Sanchay Kanade

NetID: sk2656

Part A:

1. Average Round trip time for <https://www.rutgers.edu/> = 99ms
2. Average Round trip time for <https://jasmine.github.io/> = 72.8ms
3. Average Round trip time for <https://www.amazon.in/> = 205.8ms
4. Average Round trip time for <https://www.megekko.nl/product/2077/281611/Monitoren/Samsung-LS24R652FDUXEN-24-FHD-IPS-monitor> = 329.3ms

Part B:

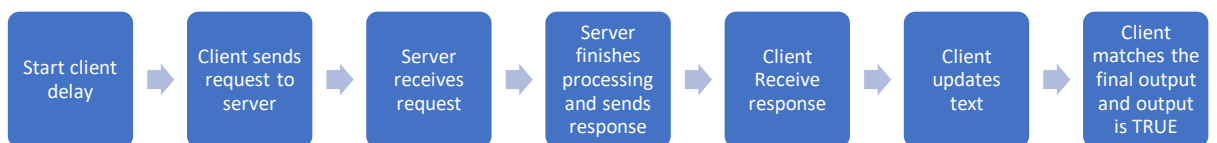
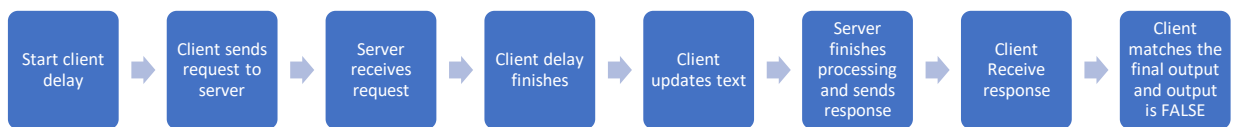
1. Recording Output

Setting RRT at server to 0-99ms and client-side delay to 0-180ms. Here are 20 observations

Test No	Server RTT(ms)	Client delay(ms)	Request == Response	Response String
1	72	36.26	FALSE	text_22: Response Timed Out
2	51	119.35	TRUE	text_1 Server Response Received
3	123	113.42	FALSE	text_22: Response Timed Out
4	118	47.9	FALSE	text_22: Response Timed Out
5	83	142.48	TRUE	text_1 Server Response Received
6	71	294.3	TRUE	text_1 Server Response Received
7	123	114.76	FALSE	text_22: Response Timed Out
8	110	189.64	TRUE	text_1 Server Response Received
9	90	147.6	TRUE	text_1 Server Response Received
10	86	82.9	FALSE	text_22: Response Timed Out
11	117	170.49	TRUE	text_1 Server Response Received
12	56	11.16	FALSE	text_22: Response Timed Out
13	98	195.43	TRUE	text_1 Server Response Received
14	56	4.53	FALSE	text_22: Response Timed Out

15	97	146.21	TRUE	text_1 Server Response Received
16	101	174.736	TRUE	text_1 Server Response Received
17	101	35.76	FALSE	text_22: Response Timed Out
18	50	106.35	TRUE	text_1 Server Response Received
19	70	53.94	FALSE	text_22: Response Timed Out
20	58	150.66	TRUE	text_1 Server Response Received

2. Line Diagram



3. Observations

- We got 11 TRUE cases where bounced message was received by the client. In these cases, Server RTT < Client delay.
- We got 9 FALSE cases where bounced message was received by the client. In these cases, Server RTT > Client delay.