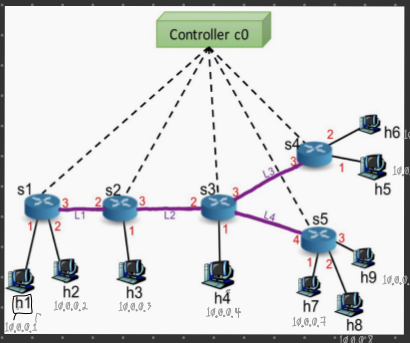
Part 1 Explanation:
Using iperf to measure the bandwidth and pings to measure the latency, data is sent between two hosts which utilize the target link I'm trying to evaluate. I evaluated one link at a time by running iperf/ping to two hosts which would have a path that only uses the target switch-to-switch link. Technically, the path also includes the two host-to-switch links, but the TA said we did not have to account for these in our part 1 evaluation.

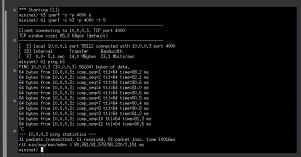
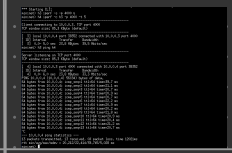
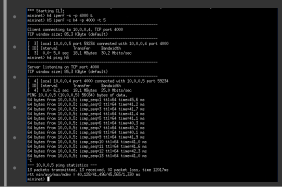
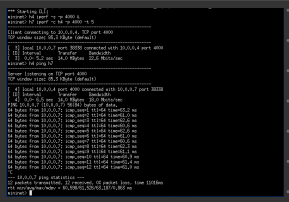


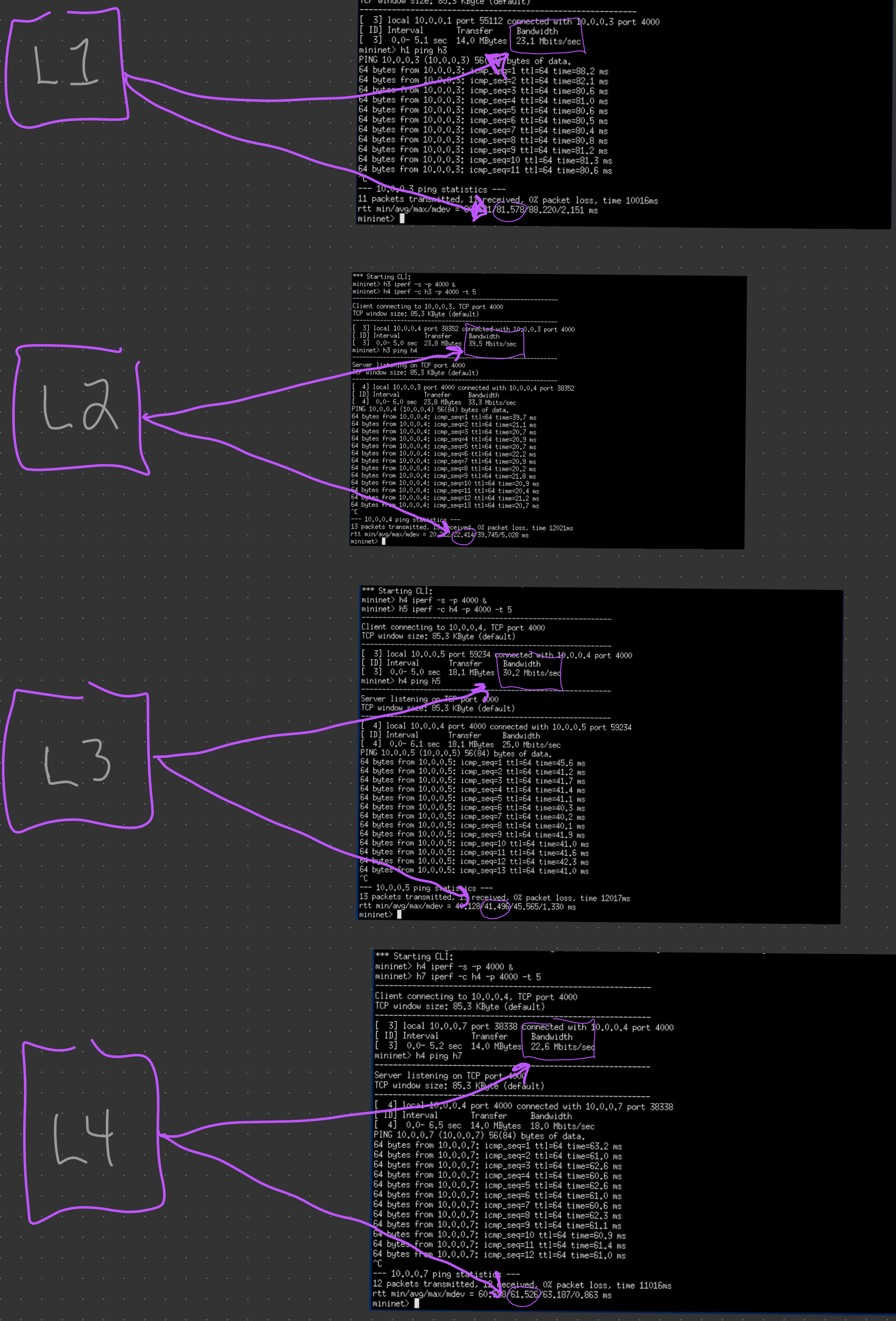
L1 Bandwidth: 23.1 Mbits/sec
L1 Latency: 81.6 ms

L2 Bandwidth: 39.5 Mbits/sec
L2 Latency: 22.4 ms

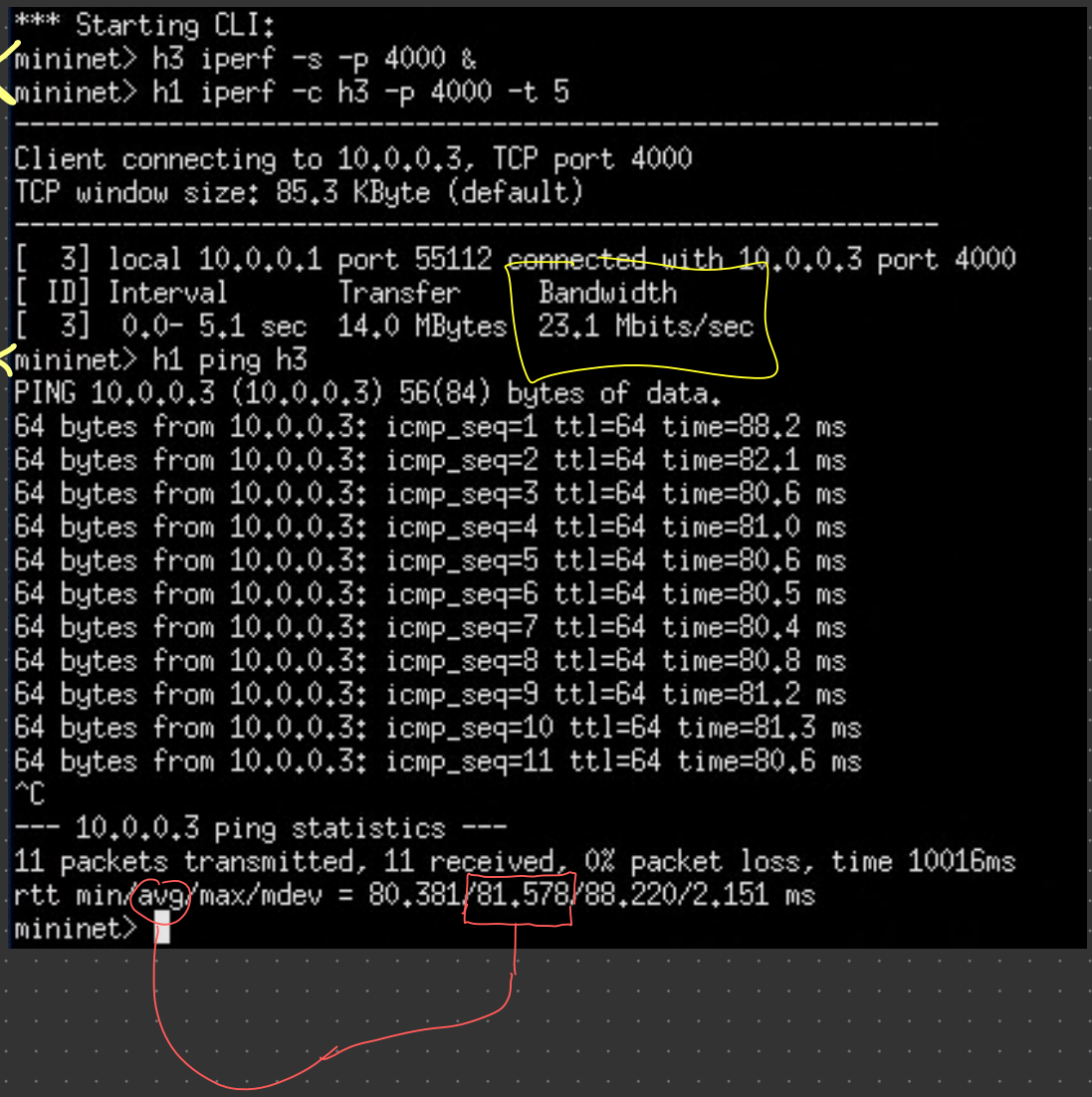
L3 Bandwidth: 30.2 Mbits/sec
L3 Latency: 41.5 ms

L4 Bandwidth: 22.6 Mbits/sec
L4 Latency: 61.5 ms

Link	iperf & ping hosts	Screenshots	bw	Latency
L1	h1 to h3		23.1	81.6
L2	h3 to h4		39.5	22.4
L3	h4 to h5		30.2	41.5
L4	h4 to h7		22.6	61.5



Note: the TA said we didn't have to factor in the host-to-switch links involved in our iperf and ping tests for this part 1 of the project. But I thought it was worth mentioning that I understand the results in the output for our L links isn't as accurate because it includes the 2 host links involved in the host to host packets being sent.


*** Starting CLI:
mininet> h3 iperf -s -p 4000 &
mininet> h1 iperf -c h3 -p 4000 -t 5
Client connecting to 10.0.0.3, TCP port 4000
TCP window size: 85.3 KByte (default)
[3] local 10.0.0.1 port 55112 connected with 10.0.0.3 port 4000
[ID] Interval Transfer Bandwidth
[3] 0.0- 5.1 sec 14.0 MBytes 23.1 Mbits/sec
mininet> h1 ping h3
PING 10.0.0.3 (10.0.0.3) 56(84) bytes of data.
64 bytes from 10.0.0.3: icmp_seq=1 ttl=64 time=88.2 ms
64 bytes from 10.0.0.3: icmp_seq=2 ttl=64 time=82.1 ms
64 bytes from 10.0.0.3: icmp_seq=3 ttl=64 time=80.6 ms
64 bytes from 10.0.0.3: icmp_seq=4 ttl=64 time=81.0 ms
64 bytes from 10.0.0.3: icmp_seq=5 ttl=64 time=80.6 ms
64 bytes from 10.0.0.3: icmp_seq=6 ttl=64 time=80.5 ms
64 bytes from 10.0.0.3: icmp_seq=7 ttl=64 time=80.4 ms
64 bytes from 10.0.0.3: icmp_seq=8 ttl=64 time=80.8 ms
64 bytes from 10.0.0.3: icmp_seq=9 ttl=64 time=81.2 ms
64 bytes from 10.0.0.3: icmp_seq=10 ttl=64 time=81.3 ms
64 bytes from 10.0.0.3: icmp_seq=11 ttl=64 time=80.6 ms
^C
--- 10.0.0.3 ping statistics ---
11 packets transmitted, 11 received, 0% packet loss, time 10016ms
rtt min/avg/max/mdev = 80.381/81.578/88.220/2.151 ms
mininet>