

# Topology B report

Notes, pinging from switch to switch seems to give an almost 0 time and iperf gives 60 gigabits so we need to ping host to host. We are unable to test for the capacity for upper level connections as the lower lever capacity bottlenecks it. Therefore we should only get about 10mbps max

Host to edge

capacity: 8Mbits/sec

latency:  $45.5 / 2 = 22.75$  ms

Capacity	
H1	H2
8.61	11
8.23	10
5	6.4
5.3	7.6

Edge to aggregation

capacity: 7.3Mbits/sec

latency: 41

calculate using 127ms

$127 - 45.5 = 82 / 2 = 41$ ms

Capacity	
H1	H4
5.24	7.09
9	12.7
8.5	10.4
2.57	3.44

Aggregation to core

capacity: 10Mbits/sec

latency: 42ms

calculate using 211 ms

$211 - 127 = 84 / 2 = 42$  ms

Capacity	
H1	H8
4.56	13.6
8.04	12.9
6.98	13.9
7.78	11.3