

Table 4: Results of Delay and Packet Loss binahusada.ac.id

Situs	Min (ms)	Max (ms)	Rata-rata Delay (ms)	Packet Loss (%)
	18	224	167	15
	18	276	168	16
	18	276	168	16
www.binahusada.ac.id	113	198	171	11
	113	198	171	16
	113	204	173	15

Table 5: Throughput results facebook.com

Situs	Min(kBps)	Max(kBps)	Rata-rata(kBps)
	2	20.7	9.29
	2.2	60.3	11.04
	2	9.86	5.75
www.facebook.com	3.4	6.05	5
	3.28	7.12	5.04
	3.28	7.12	5.03

4.3.2 Throughput

Throughput is the ability of a network to perform the actual data transmission. Usually throughput is always associated with bandwidth. Because throughput can indeed also called bandwidth in actual conditions.

The researchers tried to observe the traffic throughput on the youtube.com site, the facebook.com site, and the binahusada.ac.id site. The throughput results display are as follows Table 5, Table 6, Table 7.

4.3.3 Jitter

Jitter is defined as the variation of delay or variation in packet arrival time. Many things affect jitter, such as an increase in traffic suddenly so narrowing the bandwidth and cause queues. Which is tested iperf server 222 124 142 162, iperf client attempts to connect to port 5001 (the port iperf server) in a 10-second intervals, the data sent by 1.25 Mbyte transfer