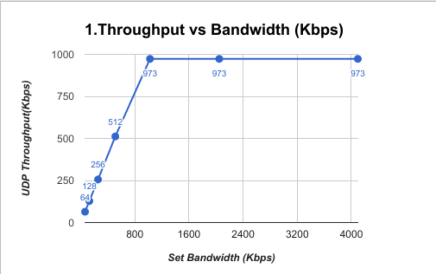


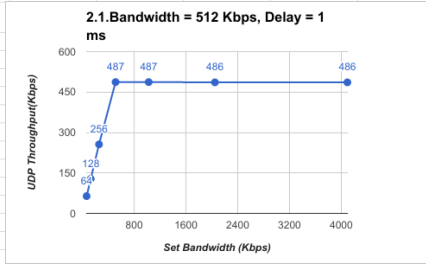
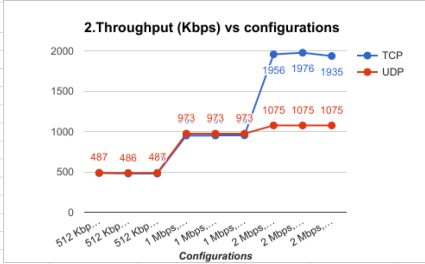
Part 1			
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	default		958
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	1	64	64
	2	128	128
	3	256	256
	4	512	512
	5	1024	973
	6	2048	973
	7	4096	973



PART 2  
1.Bandwidth = 512 Kbps, Delay = 1 ms

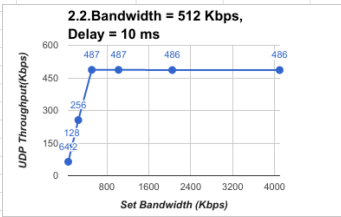
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP_1	64	64	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	487	
UDP_5	1024	487	
UDP_6	2048	486	
UDP_7	4096	486	

Configurations		
	TCP	UDP
512 Kbps, 1ms	487	487
512 Kbps, 10ms	479	486
512 Kbps, 100ms	479	487
1 Mbps, 1ms	950	973
1 Mbps, 10ms	950	973
1 Mbps, 100ms	953	973
2 Mbps, 1ms	1956	1075
2 Mbps, 10ms	1976	1075
2 Mbps, 100ms	1935	1075



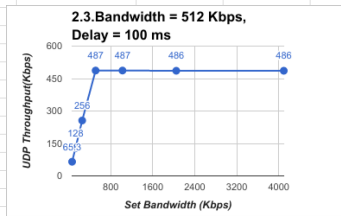
2.Bandwidth = 512 Kbps, Delay = 10 ms

TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
UDP_1	64	64.2	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	487	
UDP_5	1024	487	
UDP_6	2048	486	
UDP_7	4096	486	



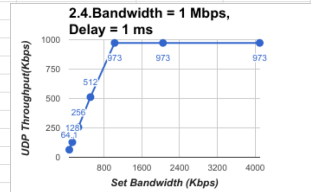
3.Bandwidth = 512 Kbps, Delay = 100 ms

TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
UDP_1	64	65.3	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	487	
UDP_5	1024	487	
UDP_6	2048	486	
UDP_7	4096	486	



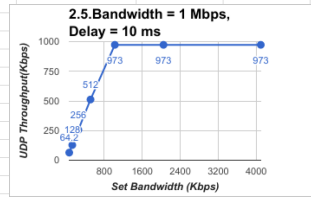
4.Bandwidth = 1 Mbps, Delay = 1 ms

TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
UDP_1	64	64.1	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	512	
UDP_5	1024	973	
UDP_6	2048	973	
UDP_7	4096	973	



5.Bandwidth = 1 Mbps, Delay = 10 ms

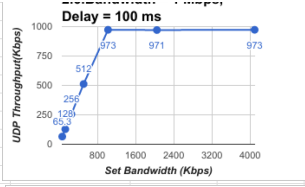
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
	Set Bandwidth (Kbps)	UDP Throughput(Kbps)	
UDP_1	64	64.2	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	512	
UDP_5	1024	973	
UDP_6	2048	973	
UDP_7	4096	973	



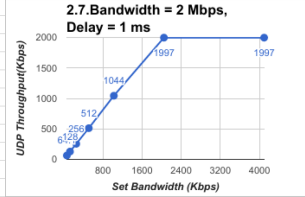
6.Bandwidth = 1 Mbps, Delay = 100 ms

2.6.Bandwidth = 1 Mbps.

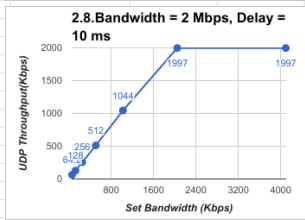
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP_1	64	65.3	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	512	
UDP_5	1024	973	
UDP_6	2048	971	
UDP_7	4096	973	



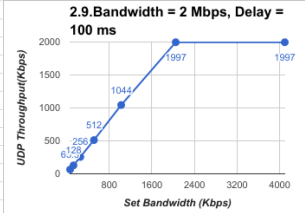
7. Bandwidth = 2 Mbps, Delay = 1 ms			
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP_1	64	64.1	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	512	
UDP_5	1024	1044	
UDP_6	2048	1997	
UDP_7	4096	1997	



8. Bandwidth = 2 Mbps, Delay = 10 ms			
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP_1	64	64.2	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	512	
UDP_5	1024	1044	
UDP_6	2048	1997	
UDP_7	4096	1997	

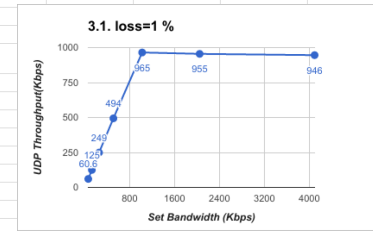
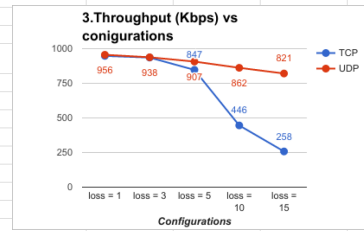


9. Bandwidth = 2 Mbps, Delay = 100 ms			
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP_1	64	65.3	
UDP_2	128	128	
UDP_3	256	256	
UDP_4	512	512	
UDP_5	1024	1044	
UDP_6	2048	1997	
UDP_7	4096	1997	

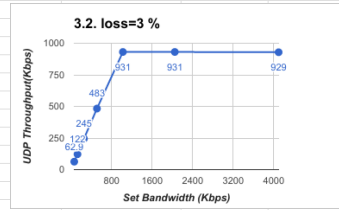


PART 3			
1. loss=1			
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP_1	64	60.6	
UDP_2	128	125	
UDP_3	256	249	
UDP_4	512	494	
UDP_5	1024	965	
UDP_6	2048	955	
UDP_7	4096	946	

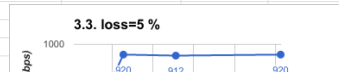
Configurations	TCP	UDP
loss = 1	948	956
loss = 3	936	938
loss = 5	847	907
loss = 10	446	862
loss = 15	258	821



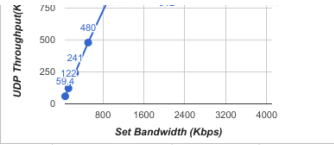
2. loss=3			
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)	
UDP_1	64	62.9	
UDP_2	128	122	
UDP_3	256	245	
UDP_4	512	483	
UDP_5	1024	931	
UDP_6	2048	931	
UDP_7	4096	929	



3. loss=5 %			
TCP	Set Bandwidth (Kbps)	Throughput(Kbps)	
	Set Bandwidth (Kbps)	Throughput(Kbps)	

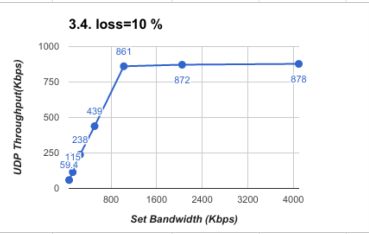


UDP	Set Bandwidth (Kbps)	UDP Throughput(Kbps)
UDP_1	64	59.4
UDP_2	128	122
UDP_3	256	241
UDP_4	512	480
UDP_5	1024	920
UDP_6	2048	912
UDP_7	4096	920



4. loss=10 %

TCP	Set Bandwidth (Kbps)	Throughput(Kbps)
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)
UDP_1	64	59.4
UDP_2	128	115
UDP_3	256	238
UDP_4	512	439
UDP_5	1024	861
UDP_6	2048	872
UDP_7	4096	878



5. loss=15 %

TCP	Set Bandwidth (Kbps)	Throughput(Kbps)
UDP	Set Bandwidth (Kbps)	Throughput(Kbps)
UDP_1	64	56
UDP_2	128	106
UDP_3	256	205
UDP_4	512	424
UDP_5	1024	793
UDP_6	2048	804
UDP_7	4096	821

