

# BATS Test Report

## Test Summary

Items	Count
Total Test Num	20
Succeed Test Num	20
Failed Test Num	0

### #BATS Test1

Items	Result
BATS Specif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 0, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 0.004 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.029 sec Total receive packet number: 30783 Recv Throughput: 84.02 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 30446 Fail: 1, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 29351 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 29331 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 9278.52 packet/s Send Throughput: 100.46 Mbps
Server Network Traffic	Recv Packet: 8987.85 packet/s Recv Throughput: 97.3 Mbps

### #BATS Test2

Items	Result
BATS Specif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 5, link_delay: 0ms, link_loss_model: random

Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.040 sec Total send packet number: 30965 Average Latency: 2.238 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.044 sec Total receive packet number: 30817 Recv Throughput: 84.09 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 30449 Fail: 9, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 119 CHUNK_IDENTITY, task count: 29337 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 29332 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 9280.3 packet/s Send Throughput: 100.48 Mbps
Server Network Traffic	Recv Packet: 8998.57 packet/s Recv Throughput: 97.43 Mbps

#BATS Test3

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 10, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 4.506 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.036 sec Total receive packet number: 30839 Loss rate: 0.39% Recv Throughput: 82.77 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 30450 Fail: 8, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 115 CHUNK_IDENTITY, task count: 29311 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 29305

Server Task View	CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 9283.07 packet/s Send Throughput: 100.51 Mbps
Server Network Traffic	Recv Packet: 9003.4 packet/s Recv Throughput: 97.48 Mbps

#BATS Test4

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 15, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 3.084 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.041 sec Total receive packet number: 30913 Loss rate: 0.15% Recv Throughput: 82.96 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 30446 Fail: 7, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 113 CHUNK_IDENTITY, task count: 29336 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 29335 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 9280.34 packet/s Send Throughput: 100.48 Mbps
Server Network Traffic	Recv Packet: 9006.72 packet/s Recv Throughput: 97.51 Mbps

#BATS Test5

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 20, link_delay: 0ms, link_loss_model: random

Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 7.841 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.036 sec Total receive packet number: 30762 Loss rate: 0.64% Recv Throughput: 82.55 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 30449 Fail: 4, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 106 CHUNK_IDENTITY, task count: 29339 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 29329 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 9281.27 packet/s Send Throughput: 100.49 Mbps
Server Network Traffic	Recv Packet: 8988.9 packet/s Recv Throughput: 97.32 Mbps

#BATS Test6

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 0, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.451 sec Total send packet number: 28169 Average Latency: 0.012 sec Send Throughput: 76.35 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.081 sec Total receive packet number: 26510 Recv Throughput: 72.29 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 27492 Fail: 1, Enough pkt fail: 5
Client Task View	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 26408 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 124 CHUNK_IDENTITY, task count: 26401 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0

	CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 34100.55 packet/s Send Throughput: 369.23 Mbps
Server Network Traffic	Recv Packet: 9009.87 packet/s Recv Throughput: 97.54 Mbps

#BATS Test7

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 5, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.217 sec Total send packet number: 27965 Average Latency: 4.179 sec Send Throughput: 76.09 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.089 sec Total receive packet number: 23988 Recv Throughput: 65.41 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 25589 Fail: 3, Enough pkt fail: 3
Client Task View	TRANSPARENT, task count: 116 CHUNK_IDENTITY, task count: 26981 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 108 CHUNK_IDENTITY, task count: 24911 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 33138.35 packet/s Send Throughput: 358.82 Mbps
Server Network Traffic	Recv Packet: 9009.37 packet/s Recv Throughput: 97.54 Mbps

#BATS Test8

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 10, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960

	Average Latency: 6.731 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.082 sec Total receive packet number: 23695 Recv Throughput: 64.61 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 26174 Fail: 7, Enough pkt fail: 4
Client Task View	TRANSPARENT, task count: 110 CHUNK_IDENTITY, task count: 29339 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 108 CHUNK_IDENTITY, task count: 25214 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 33463.24 packet/s Send Throughput: 362.33 Mbps
Server Network Traffic	Recv Packet: 9013.1 packet/s Recv Throughput: 97.58 Mbps

#BATS Test9

Items	Result
BATS Specific Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 15, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.221 sec Total send packet number: 27965 Average Latency: 7.848 sec Send Throughput: 76.08 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.104 sec Total receive packet number: 22604 Recv Throughput: 61.62 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 26370 Fail: 3, Enough pkt fail: 6
Client Task View	TRANSPARENT, task count: 109 CHUNK_IDENTITY, task count: 26690 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 118 CHUNK_IDENTITY, task count: 25442 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
	Send Packet: 33689.8 packet/s

Client Network Traffic	Send Throughput: 364.79 Mbps
Server Network Traffic	Recv Packet: 9007.88 packet/s Recv Throughput: 97.53 Mbps

#BATS Test10

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 1, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 20, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.202 sec Total send packet number: 29075 Average Latency: 6.505 sec Send Throughput: 79.13 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.140 sec Total receive packet number: 22310 Recv Throughput: 60.78 Mbps
Coding View	CodingMethods: CHUNK_IDENTITY Task: 27449 Fail: 6, Enough pkt fail: 8
Client Task View	TRANSPARENT, task count: 113 CHUNK_IDENTITY, task count: 27689 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 118 CHUNK_IDENTITY, task count: 26375 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 0 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 35222.96 packet/s Send Throughput: 381.39 Mbps
Server Network Traffic	Recv Packet: 9011.32 packet/s Recv Throughput: 97.56 Mbps

#BATS Test11

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 0, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 8.217 sec Send Throughput: 84.50 Mbps

Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.037 sec Total receive packet number: 27386 Recv Throughput: 74.74 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 30439 Fail: 7, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 112 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29315 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 100 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29286 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 16488.27 packet/s Send Throughput: 104.72 Mbps
Server Network Traffic	Recv Packet: 15333.21 packet/s Recv Throughput: 97.38 Mbps

#BATS Test12

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 5, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 13.177 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.036 sec Total receive packet number: 27623 Loss rate: 10.78% Recv Throughput: 74.23 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 30443 Fail: 9, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 100 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29327 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 82 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29314 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 16495.77 packet/s Send Throughput: 104.77 Mbps
Server Network Traffic	Recv Packet: 15321.28 packet/s



	Recv Throughput: 97.31 Mbps
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#BATS Test13

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 10, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 15.567 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.037 sec Total receive packet number: 27546 Loss rate: 11.03% Recv Throughput: 73.92 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 30448 Fail: 6, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 90 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29332 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 68 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29336 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 16497.53 packet/s Send Throughput: 104.78 Mbps
Server Network Traffic	Recv Packet: 15331.27 packet/s Recv Throughput: 97.37 Mbps

#BATS Test14

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 15, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 4.411 sec Send Throughput: 84.50 Mbps
	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.038 sec

Server Summary	Total receive packet number: 27731 Loss rate: 10.43% Recv Throughput: 74.49 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 30447 Fail: 6, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 110 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29316 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 116 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29312 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 16496.97 packet/s Send Throughput: 104.78 Mbps
Server Network Traffic	Recv Packet: 15328.83 packet/s Recv Throughput: 97.36 Mbps

#BATS Test15

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: False
Link Status	link_loss_rate: 20, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.030 sec Total send packet number: 30960 Average Latency: 11.361 sec Send Throughput: 84.50 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.036 sec Total receive packet number: 26933 Loss rate: 13.01% Recv Throughput: 72.34 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 30448 Fail: 0, Enough pkt fail: 0
Client Task View	TRANSPARENT, task count: 100 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29310 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 82 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 29306 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 16498.18 packet/s Send Throughput: 104.78 Mbps
Server Network Traffic	Recv Packet: 15325.21 packet/s

	Recv Throughput: 97.33 Mbps
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#BATS Test16

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 0, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.537 sec Total send packet number: 27170 Average Latency: 7.096 sec Send Throughput: 73.53 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.085 sec Total receive packet number: 24795 Recv Throughput: 67.61 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 26494 Fail: 7, Enough pkt fail: 524
Client Task View	TRANSPARENT, task count: 111 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 25526 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 98 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 25521 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 33122.87 packet/s Send Throughput: 210.38 Mbps
Server Network Traffic	Recv Packet: 15352.53 packet/s Recv Throughput: 97.51 Mbps

#BATS Test17

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 5, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.535 sec Total send packet number: 27154 Average Latency: 7.147 sec Send Throughput: 73.49 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.095 sec Total receive packet number: 26091

	Recv Throughput: 71.13 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 26475 Fail: 2, Enough pkt fail: 332
Client Task View	TRANSPARENT, task count: 105 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 25508 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 96 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 25499 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 33460.25 packet/s Send Throughput: 212.52 Mbps
Server Network Traffic	Recv Packet: 15371.27 packet/s Recv Throughput: 97.63 Mbps

#BATS Test18

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 10, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.420 sec Total send packet number: 27063 Average Latency: 13.688 sec Send Throughput: 73.39 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.093 sec Total receive packet number: 24783 Recv Throughput: 67.57 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 26445 Fail: 3, Enough pkt fail: 627
Client Task View	TRANSPARENT, task count: 97 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 25478 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 82 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 25478 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 33429.9 packet/s Send Throughput: 212.33 Mbps
Server Network Traffic	Recv Packet: 15333.37 packet/s Recv Throughput: 97.39 Mbps

**#BATS Test19**

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 15, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.394 sec Total send packet number: 30008 Average Latency: 14.088 sec Send Throughput: 81.41 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.106 sec Total receive packet number: 22907 Recv Throughput: 62.44 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 26127 Fail: 7, Enough pkt fail: 1547
Client Task View	TRANSPARENT, task count: 91 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 28072 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 78 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 25171 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 46693.57 packet/s Send Throughput: 296.57 Mbps
Server Network Traffic	Recv Packet: 15357.21 packet/s Recv Throughput: 97.53 Mbps

**#BATS Test20**

Items	Result
BATS Specifif Parameters	bats_bandwidth: 84.5Mbps, coding_method: 3, chunk_data_size: 22000, bcmp_enable: True
Link Status	link_loss_rate: 20, link_delay: 0ms, link_loss_model: random
Client Summary	server ip: 10.0.0.12, server port: 12345 Total send time span: 60.408 sec Total send packet number: 26336 Average Latency: 21.523 sec Send Throughput: 71.43 Mbps
Server Summary	server ip: 10.0.0.12, server port: 12345 Total receive time span: 60.105 sec Total receive packet number: 22762 Recv Throughput: 62.05 Mbps
Coding View	CodingMethods: CHUNK_RANDOM Task: 25693 Fail: 4, Enough pkt fail: 1409

Client Task View	TRANSPARENT, task count: 89 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 24737 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Server Task View	TRANSPARENT, task count: 80 CHUNK_IDENTITY, task count: 0 CHUNK_RANDOM_BINARY, task count: 0 CHUNK_RANDOM, task count: 24714 CHUNK_SYSTEMATIC, task count: 0 SYSTEMATIC_AGGREGATION_IDENTITY, task count: 0
Client Network Traffic	Send Packet: 32987.42 packet/s Send Throughput: 209.52 Mbps
Server Network Traffic	Recv Packet: 15297.2 packet/s Recv Throughput: 97.16 Mbps