

TCP Test Report

Test Summary

Items	Count
Total Test Num	15
Succeed Test Num	15
Failed Test Num	0

#TCP Test1

Items	Result
TCP Specifif Parameters	tcp_congestion_type: cubic
Link Status	link_loss_rate: 0, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:26:54 GMT Connecting to host 10.0.0.12, port 12345 Cookie: xxef6er4meuyaaxah6w4qu5zqduus5ooxfy TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 684 MBytes 95.7 Mbits/sec 18709 sender [5] 0.00-60.04 sec 684 MBytes 95.6 Mbits/sec receiver CPU Utilization: local/sender 1.4% (0.1%u/1.4%s), remote/receiver 18.9% (2.1%u/16.8%s) snd_tcp_congestion cubic rcv_tcp_congestion cubic
Client Network Traffic	Send Packet: 8554.92 packet/s Send Throughput: 101.19 Mbps
Server Network Traffic	Recv Packet: 8252.68 packet/s Recv Throughput: 97.61 Mbps

#TCP Test2

Items	Result
TCP Specifif Parameters	tcp_congestion_type: cubic
Link Status	link_loss_rate: 5, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:28:12 GMT Connecting to host 10.0.0.12, port 12345 Cookie: x22xdldqnowyws1thiubj4cs3ynt4gcffchu TCP MSS: 1448 (default)
	[ID] Interval Transfer Bitrate Retr

Summary	[5] 0.00-60.00 sec 678 MBytes 94.7 Mb/s sender [5] 0.00-60.06 sec 677 MBytes 94.6 Mb/s receiver CPU Utilization: local/sender 1.5% (0.1%u/1.4% s), remote/receiver 18.3% (1.9%u/16.4% s) snd_tcp_congestion cubic rcv_tcp_congestion cubic
Client Network Traffic	Send Packet: 8465.34 packet/s Send Throughput: 100.13 Mbps
Server Network Traffic	Recv Packet: 8161.89 packet/s Recv Throughput: 96.54 Mbps

#TCP Test3

Items	Result
TCP Specif Parameters	tcp_congestion_type: cubic
Link Status	link_loss_rate: 10, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:29:30 GMT Connecting to host 10.0.0.12, port 12345 Cookie: 6q3numblcgnc73yjupwa6pbdemz6nux6i4ji TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 658 MBytes 92.0 Mb/s sender [5] 0.00-60.04 sec 658 MBytes 92.0 Mb/s receiver CPU Utilization: local/sender 1.4% (0.2%u/1.3% s), remote/receiver 17.6% (1.9%u/15.8% s) snd_tcp_congestion cubic rcv_tcp_congestion cubic
Client Network Traffic	Send Packet: 8093.63 packet/s Send Throughput: 95.73 Mbps
Server Network Traffic	Recv Packet: 7798.65 packet/s Recv Throughput: 92.24 Mbps

#TCP Test4

Items	Result
TCP Specif Parameters	tcp_congestion_type: cubic
Link Status	link_loss_rate: 15, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:30:46 GMT Connecting to host 10.0.0.12, port 12345 Cookie: bg37njbkravadbnplm5uqp5mqdywqmzkpyfr TCP MSS: 1448 (default)
	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 610 MBytes 85.3 Mb/s sender

Summary	[5] 0.00-60.25 sec 610 MBytes 84.9 Mb/s receiver CPU Utilization: local/sender 1.4% (0.1%u/1.4% s), remote/receiver 18.0% (1.9%u/16.1% s) snd_tcp_congestion cubic rcv_tcp_congestion cubic
Client Network Traffic	Send Packet: 7611.97 packet/s Send Throughput: 90.03 Mbps
Server Network Traffic	Recv Packet: 7325.97 packet/s Recv Throughput: 86.65 Mbps

#TCP Test5

Items	Result
TCP Specific Parameters	tcp_congestion_type: cubic
Link Status	link_loss_rate: 20, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:32:03 GMT Connecting to host 10.0.0.12, port 12345 Cookie: v32tnar26qxupper2sahzvy2qbucfr3sp5iw TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 481 MBytes 67.2 Mb/s sender [5] 0.00-60.26 sec 481 MBytes 66.9 Mb/s receiver CPU Utilization: local/sender 1.2% (0.1%u/1.1% s), remote/receiver 14.2% (1.5%u/12.7% s) snd_tcp_congestion cubic rcv_tcp_congestion cubic
Client Network Traffic	Send Packet: 6034.93 packet/s Send Throughput: 71.38 Mbps
Server Network Traffic	Recv Packet: 5805.53 packet/s Recv Throughput: 68.66 Mbps

#TCP Test6

Items	Result
TCP Specific Parameters	tcp_congestion_type: reno
Link Status	link_loss_rate: 0, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:33:21 GMT Connecting to host 10.0.0.12, port 12345 Cookie: zccg44zgyrfnjqd347se4exlsq4krr6m6k2d TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 684 MBytes 95.7 Mb/s sender [5] 0.00-60.05 sec 684 MBytes 95.6 Mb/s receiver

	CPU Utilization: local/sender 1.5% (0.2%u/1.3%s), remote/receiver 20.7% (2.2%u/18.5%s) snd_tcp_congestion reno rcv_tcp_congestion reno
Client Network Traffic	Send Packet: 8526.23 packet/s Send Throughput: 100.85 Mbps
Server Network Traffic	Recv Packet: 8245.92 packet/s Recv Throughput: 97.53 Mbps

#TCP Test7

Items	Result
TCP Specifif Parameters	tcp_congestion_type: reno
Link Status	link_loss_rate: 5, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:34:38 GMT Connecting to host 10.0.0.12, port 12345 Cookie: m3snxd4y5pfvsd7lzonckiaams3sc4zqmq2n TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 676 MBytes 94.5 Mbits/sec 16934 sender [5] 0.00-60.06 sec 676 MBytes 94.4 Mbits/sec receiver CPU Utilization: local/sender 1.4% (0.1%u/1.3%s), remote/receiver 20.9% (2.1%u/18.7%s) snd_tcp_congestion reno rcv_tcp_congestion reno
Client Network Traffic	Send Packet: 8426.8 packet/s Send Throughput: 99.67 Mbps
Server Network Traffic	Recv Packet: 8146.93 packet/s Recv Throughput: 96.36 Mbps

#TCP Test8

Items	Result
TCP Specifif Parameters	tcp_congestion_type: reno
Link Status	link_loss_rate: 10, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:35:55 GMT Connecting to host 10.0.0.12, port 12345 Cookie: 4hvf3eybv2lnp7e5r4ob6zycdgb2vgcbudr TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 644 MBytes 90.0 Mbits/sec 15543 sender [5] 0.00-60.04 sec 644 MBytes 89.9 Mbits/sec receiver CPU Utilization: local/sender 1.6% (0.1%u/1.5%s), remote/receiver 19.3% (2.1%u/17.3%s)

	snd_tcp_congestion reno rcv_tcp_congestion reno
Client Network Traffic	Send Packet: 8018.7 packet/s Send Throughput: 94.84 Mbps
Server Network Traffic	Recv Packet: 7770.75 packet/s Recv Throughput: 91.91 Mbps

#TCP Test9

Items	Result
TCP Specifif Parameters	tcp_congestion_type: reno
Link Status	link_loss_rate: 15, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:37:12 GMT Connecting to host 10.0.0.12, port 12345 Cookie: j5jhno5zpxtnsym3nk57oitqj5xsudy2t4ob TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 467 MBytes 65.3 Mb/s/sec 9329 sender [5] 0.00-60.05 sec 467 MBytes 65.2 Mb/s/sec receiver CPU Utilization: local/sender 1.0% (0.1%u/0.9%u), remote/receiver 12.6% (1.1%u/11.4%u) snd_tcp_congestion reno rcv_tcp_congestion reno
Client Network Traffic	Send Packet: 5779.09 packet/s Send Throughput: 68.35 Mbps
Server Network Traffic	Recv Packet: 5628.16 packet/s Recv Throughput: 66.56 Mbps

#TCP Test10

Items	Result
TCP Specifif Parameters	tcp_congestion_type: reno
Link Status	link_loss_rate: 20, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:38:29 GMT Connecting to host 10.0.0.12, port 12345 Cookie: 5oetlsdirl45bekx5ughwcwca7h43ixpiowf TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 214 MBytes 29.9 Mb/s/sec 4883 sender [5] 0.00-60.00 sec 214 MBytes 29.9 Mb/s/sec receiver CPU Utilization: local/sender 0.4% (0.1%u/0.4%u), remote/receiver 6.7% (0.7%u/6.0%u) snd_tcp_congestion reno

	rcv_tcp_congestion reno
Client Network Traffic	Send Packet: 2518.43 packet/s Send Throughput: 29.79 Mbps
Server Network Traffic	Recv Packet: 2444.88 packet/s Recv Throughput: 28.92 Mbps

#TCP Test11

Items	Result
TCP Specifif Parameters	tcp_congestion_type: bbr
Link Status	link_loss_rate: 0, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:39:47 GMT Connecting to host 10.0.0.12, port 12345 Cookie: 7rmcqp4y36rg6wx32lna4iabreghnseylud4 TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 678 MBytes 94.8 Mbits/sec 74795 sender [5] 0.00-60.05 sec 677 MBytes 94.6 Mbits/sec receiver CPU Utilization: local/sender 1.0% (0.0%u/0.9%s), remote/receiver 19.4% (2.0%u/17.5%s) snd_tcp_congestion bbr rcv_tcp_congestion bbr
Client Network Traffic	Send Packet: 9406.7 packet/s Send Throughput: 111.26 Mbps
Server Network Traffic	Recv Packet: 8166.22 packet/s Recv Throughput: 96.59 Mbps

#TCP Test12

Items	Result
TCP Specifif Parameters	tcp_congestion_type: bbr
Link Status	link_loss_rate: 5, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:41:04 GMT Connecting to host 10.0.0.12, port 12345 Cookie: j6g6fbllob2jhngzx5xbrwkk3r3mks5fiyj3 TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 659 MBytes 92.1 Mbits/sec 83832 sender [5] 0.00-60.05 sec 658 MBytes 91.9 Mbits/sec receiver CPU Utilization: local/sender 0.9% (0.1%u/0.9%s), remote/receiver 19.6% (2.1%u/17.5%s) snd_tcp_congestion bbr rcv_tcp_congestion bbr

Client Network Traffic	Send Packet: 9329.1 packet/s Send Throughput: 110.34 Mbps
Server Network Traffic	Recv Packet: 7942.12 packet/s Recv Throughput: 93.94 Mbps

#TCP Test13

Items	Result
TCP Specifif Parameters	tcp_congestion_type: bbr
Link Status	link_loss_rate: 10, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:42:21 GMT Connecting to host 10.0.0.12, port 12345 Cookie: q4fhtyrr6aj6gmtwi64szv7acryysmwbajue TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 651 MBytes 90.9 Mb/s/sec 75573 sender [5] 0.00-60.05 sec 650 MBytes 90.7 Mb/s/sec receiver CPU Utilization: local/sender 0.9% (0.0%u/0.9%u), remote/receiver 20.4% (2.3%u/18.1%u) snd_tcp_congestion bbr rcv_tcp_congestion bbr
Client Network Traffic	Send Packet: 9061.18 packet/s Send Throughput: 107.17 Mbps
Server Network Traffic	Recv Packet: 7811.01 packet/s Recv Throughput: 92.38 Mbps

#TCP Test14

Items	Result
TCP Specifif Parameters	tcp_congestion_type: bbr
Link Status	link_loss_rate: 15, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:43:38 GMT Connecting to host 10.0.0.12, port 12345 Cookie: 3doipuyagrseewn6tnbhpof6ss2zj25urp3x TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 588 MBytes 82.2 Mb/s/sec 66056 sender [5] 0.00-60.00 sec 587 MBytes 82.0 Mb/s/sec receiver CPU Utilization: local/sender 0.8% (0.1%u/0.7%u), remote/receiver 17.7% (1.9%u/15.7%u) snd_tcp_congestion bbr rcv_tcp_congestion bbr

Client Network Traffic	Send Packet: 7978.95 packet/s Send Throughput: 94.37 Mbps
Server Network Traffic	Recv Packet: 6911.45 packet/s Recv Throughput: 81.75 Mbps

#TCP Test15

Items	Result
TCP Specifif Parameters	tcp_congestion_type: bbr
Link Status	link_loss_rate: 20, link_delay: 0ms, link_loss_model: random
Information	Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr 3 17:24:16 BST 2023 aarch64 Control connection MSS 1448 Time: Fri, 04 Aug 2023 13:44:55 GMT Connecting to host 10.0.0.12, port 12345 Cookie: n64pcqh426ehr3q62w6hfw35aclz5m5ww2dm TCP MSS: 1448 (default)
Summary	[ID] Interval Transfer Bitrate Retr [5] 0.00-60.00 sec 611 MBytes 85.4 Mb/s/sec 75505 sender [5] 0.00-60.00 sec 610 MBytes 85.3 Mb/s/sec receiver CPU Utilization: local/sender 0.8% (0.0%u/0.7%u), remote/receiver 17.4% (2.0%u/15.5%u) snd_tcp_congestion bbr rcv_tcp_congestion bbr
Client Network Traffic	Send Packet: 8453.48 packet/s Send Throughput: 99.99 Mbps
Server Network Traffic	Recv Packet: 7228.28 packet/s Recv Throughput: 85.5 Mbps