

R2S NAT Throughput Test by Quintus															
Test topology:															
iperf3 from lan side client through R2S to wan side server															
X86-J3160(192.168.32.1) -----R2S-----Ubuntu(192.168.32.16)															
Conditions:															
SFE flow offloading:enabled				SFE flow offloading:disabled				SFE flow offloading:enabled				SFE flow offloading: disabled			
Software flow offloading: disabled				Software flow offloading: enabled				Software flow offloading: disabled				Software flow offloading: enabled			
Lan=Eth0(RTL8211e), Wan=Eth1(USB-RTL8153B)				Lan=Eth0(RTL8211e), Wan=Eth1(USB-RTL8153B)				Lan=Eth1(USB-RTL8153B), Wan=Eth0(RTL8211e)				Lan=Eth1(USB-RTL8153B), Wan=Eth0(RTL8211e)			
Results:															
From Wan to Lan:				From Wan to Lan:				From Wan to Lan:				From Wan to Lan:			
root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20 -R				root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20 -R				root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20 -R				root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20 -R			
Connecting to host 192.168.32.16, port 8888				Connecting to host 192.168.32.16, port 8888				Connecting to host 192.168.32.16, port 8888				Connecting to host 192.168.32.16, port 8888			
Reverse mode, remote host 192.168.32.16 is sending				Reverse mode, remote host 192.168.32.16 is sending				Reverse mode, remote host 192.168.32.16 is sending				Reverse mode, remote host 192.168.32.16 is sending			
[ 5] local 192.168.1.228 port 38400 connected to 192.168.32.16 port 8888				[ 5] local 192.168.1.228 port 38426 connected to 192.168.32.16 port 8888				[ 5] local 192.168.1.228 port 38442 connected to 192.168.32.16 port 8888				[ 5] local 192.168.1.228 port 38462 connected to 192.168.32.16 port 8888			
[ ID] Interval      Transfer      Bitrate				[ ID] Interval      Transfer      Bitrate				[ ID] Interval      Transfer      Bitrate				[ ID] Interval      Transfer      Bitrate			
[ 5] 0.00-1.00 sec 109 MBytes 916 Mbits/sec				[ 5] 0.00-1.00 sec 107 MBytes 897 Mbits/sec				[ 5] 0.00-1.00 sec 107 MBytes 893 Mbits/sec				[ 5] 0.00-1.00 sec 99.4 MBytes 834 Mbits/sec			
[ 5] 1.00-2.00 sec 109 MBytes 918 Mbits/sec				[ 5] 1.00-2.00 sec 111 MBytes 931 Mbits/sec				[ 5] 1.00-2.00 sec 110 MBytes 922 Mbits/sec				[ 5] 1.00-2.00 sec 110 MBytes 919 Mbits/sec			
[ 5] 2.00-3.00 sec 112 MBytes 937 Mbits/sec				[ 5] 2.00-3.00 sec 111 MBytes 933 Mbits/sec				[ 5] 2.00-3.00 sec 111 MBytes 927 Mbits/sec				[ 5] 2.00-3.00 sec 110 MBytes 919 Mbits/sec			
[ 5] 3.00-4.00 sec 112 MBytes 937 Mbits/sec				[ 5] 3.00-4.00 sec 110 MBytes 924 Mbits/sec				[ 5] 3.00-4.00 sec 110 MBytes 923 Mbits/sec				[ 5] 3.00-4.00 sec 111 MBytes 935 Mbits/sec			
[ 5] 4.00-5.00 sec 111 MBytes 934 Mbits/sec				[ 5] 4.00-5.00 sec 110 MBytes 922 Mbits/sec				[ 5] 4.00-5.00 sec 110 MBytes 922 Mbits/sec				[ 5] 4.00-5.00 sec 110 MBytes 925 Mbits/sec			
[ 5] 5.00-6.00 sec 92.4 MBytes 775 Mbits/sec				[ 5] 5.00-6.00 sec 90.9 MBytes 763 Mbits/sec				[ 5] 5.00-6.00 sec 91.6 MBytes 768 Mbits/sec				[ 5] 5.00-6.00 sec 89.4 MBytes 751 Mbits/sec			
[ 5] 6.00-7.00 sec 111 MBytes 935 Mbits/sec				[ 5] 6.00-7.00 sec 111 MBytes 934 Mbits/sec				[ 5] 6.00-7.00 sec 111 MBytes 935 Mbits/sec				[ 5] 6.00-7.00 sec 110 MBytes 920 Mbits/sec			
[ 5] 7.00-8.00 sec 110 MBytes 927 Mbits/sec				[ 5] 7.00-8.00 sec 111 MBytes 934 Mbits/sec				[ 5] 7.00-8.00 sec 111 MBytes 934 Mbits/sec				[ 5] 7.00-8.00 sec 110 MBytes 924 Mbits/sec			
[ 5] 8.00-9.00 sec 111 MBytes 935 Mbits/sec				[ 5] 8.00-9.00 sec 111 MBytes 932 Mbits/sec				[ 5] 8.00-9.00 sec 112 MBytes 936 Mbits/sec				[ 5] 8.00-9.00 sec 110 MBytes 923 Mbits/sec			
[ 5] 9.00-10.00 sec 111 MBytes 934 Mbits/sec				[ 5] 9.00-10.00 sec 111 MBytes 930 Mbits/sec				[ 5] 9.00-10.00 sec 111 MBytes 935 Mbits/sec				[ 5] 9.00-10.00 sec 109 MBytes 918 Mbits/sec			
[ 5] 10.00-11.00 sec 94.4 MBytes 792 Mbits/sec				[ 5] 10.00-11.00 sec 91.8 MBytes 770 Mbits/sec				[ 5] 10.00-11.00 sec 111 MBytes 929 Mbits/sec				[ 5] 10.00-11.00 sec 111 MBytes 934 Mbits/sec			
[ 5] 11.00-12.00 sec 112 MBytes 937 Mbits/sec				[ 5] 11.00-12.00 sec 111 MBytes 931 Mbits/sec				[ 5] 11.00-12.00 sec 111 MBytes 930 Mbits/sec				[ 5] 11.00-12.00 sec 110 MBytes 923 Mbits/sec			
[ 5] 12.00-13.00 sec 112 MBytes 936 Mbits/sec				[ 5] 12.00-13.00 sec 111 MBytes 932 Mbits/sec				[ 5] 12.00-13.00 sec 111 MBytes 931 Mbits/sec				[ 5] 12.00-13.00 sec 110 MBytes 921 Mbits/sec			
[ 5] 13.00-14.00 sec 111 MBytes 934 Mbits/sec				[ 5] 13.00-14.00 sec 111 MBytes 934 Mbits/sec				[ 5] 13.00-14.00 sec 111 MBytes 933 Mbits/sec				[ 5] 13.00-14.00 sec 110 MBytes 920 Mbits/sec			
[ 5] 14.00-15.00 sec 111 MBytes 933 Mbits/sec				[ 5] 14.00-15.00 sec 111 MBytes 932 Mbits/sec				[ 5] 14.00-15.00 sec 111 MBytes 929 Mbits/sec				[ 5] 14.00-15.00 sec 109 MBytes 914 Mbits/sec			
[ 5] 15.00-16.00 sec 93.2 MBytes 781 Mbits/sec				[ 5] 15.00-16.00 sec 91.4 MBytes 767 Mbits/sec				[ 5] 15.00-16.00 sec 111 MBytes 928 Mbits/sec				[ 5] 15.00-16.00 sec 86.1 MBytes 722 Mbits/sec			
[ 5] 16.00-17.00 sec 111 MBytes 932 Mbits/sec				[ 5] 16.00-17.00 sec 111 MBytes 935 Mbits/sec				[ 5] 16.00-17.00 sec 111 MBytes 930 Mbits/sec				[ 5] 16.00-17.00 sec 108 MBytes 910 Mbits/sec			
[ 5] 17.00-18.00 sec 111 MBytes 935 Mbits/sec				[ 5] 17.00-18.00 sec 111 MBytes 933 Mbits/sec				[ 5] 17.00-18.00 sec 91.4 MBytes 767 Mbits/sec				[ 5] 17.00-18.00 sec 111 MBytes 927 Mbits/sec			
[ 5] 18.00-19.00 sec 111 MBytes 933 Mbits/sec				[ 5] 18.00-19.00 sec 111 MBytes 934 Mbits/sec				[ 5] 18.00-19.00 sec 111 MBytes 927 Mbits/sec				[ 5] 18.00-19.00 sec 110 MBytes 921 Mbits/sec			
[ 5] 19.00-20.00 sec 111 MBytes 935 Mbits/sec				[ 5] 19.00-20.00 sec 111 MBytes 933 Mbits/sec				[ 5] 19.00-20.00 sec 111 MBytes 933 Mbits/sec				[ 5] 19.00-20.00 sec 109 MBytes 914 Mbits/sec			
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[ ID] Interval      Transfer      Bitrate      Retr				[ ID] Interval      Transfer      Bitrate      Retr				[ ID] Interval      Transfer      Bitrate      Retr				[ ID] Interval      Transfer      Bitrate      Retr			
[ 5] 0.00-20.00 sec 2.12 GBytes 911 Mbits/sec 5 sender				[ 5] 0.00-20.00 sec 2.11 GBytes 906 Mbits/sec 11 sender				[ 5] 0.00-20.00 sec 2.13 GBytes 913 Mbits/sec 24 sender				[ 5] 0.00-20.00 sec 2.10 GBytes 900 Mbits/sec 39 sender			
[ 5] 0.00-20.00 sec 2.12 GBytes 910 Mbits/sec receiver				[ 5] 0.00-20.00 sec 2.11 GBytes 905 Mbits/sec receiver				[ 5] 0.00-20.00 sec 2.12 GBytes 912 Mbits/sec receiver				[ 5] 0.00-20.00 sec 2.09 GBytes 899 Mbits/sec receiver			
From Lan to Wan:				From Lan to Wan:				From Lan to Wan:				From Lan to Wan:			
root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20				root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20				root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20				root@X86-J3160:~# iperf3 -c 192.168.32.16 -p 8888 -t 20			
Connecting to host 192.168.32.16, port 8888				Connecting to host 192.168.32.16, port 8888				Connecting to host 192.168.32.16, port 8888				Connecting to host 192.168.32.16, port 8888			
[ 5] local 192.168.1.228 port 38404 connected to 192.168.32.16 port 8888				[ 5] local 192.168.1.228 port 38434 connected to 192.168.32.16 port 8888				[ 5] local 192.168.1.228 port 38438 connected to 192.168.32.16 port 8888				[ 5] local 192.168.1.228 port 38470 connected to 192.168.32.16 port 8888			
[ ID] Interval      Transfer      Bitrate      Retr Cwnd				[ ID] Interval      Transfer      Bitrate      Retr Cwnd				[ ID] Interval      Transfer      Bitrate      Retr Cwnd				[ ID] Interval      Transfer      Bitrate      Retr Cwnd			
[ 5] 0.00-1.00 sec 103 MBytes 866 Mbits/sec 4 1.33 MBytes				[ 5] 0.00-1.00 sec 106 MBytes 886 Mbits/sec 6 665 KBytes				[ 5] 0.00-1.00 sec 113 MBytes 949 Mbits/sec 0 416 KBytes				[ 5] 0.00-1.00 sec 114 MBytes 956 Mbits/sec 0 464 KBytes			
[ 5] 1.00-2.00 sec 109 MBytes 912 Mbits/sec 5 608 KBytes				[ 5] 1.00-2.00 sec 108 MBytes 902 Mbits/sec 1 744 KBytes				[ 5] 1.00-2.00 sec 112 MBytes 944 Mbits/sec 0 421 KBytes				[ 5] 1.00-2.00 sec 111 MBytes 933 Mbits/sec 0 472 KBytes			
[ 5] 2.00-3.00 sec 105 MBytes 881 Mbits/sec 1 622 KBytes				[ 5] 2.00-3.00 sec 108 MBytes 902 Mbits/sec 0 611 KBytes				[ 5] 2.00-3.00 sec 111 MBytes 933 Mbits/sec 0 407 KBytes				[ 5] 2.00-3.00 sec 111 MBytes 933 Mbits/sec 0 452 KBytes			
[ 5] 3.00-4.00 sec 108 MBytes 902 Mbits/sec 0 800 KBytes				[ 5] 3.00-4.00 sec 109 MBytes 912 Mbits/sec 0 557 KBytes				[ 5] 3.00-4.00 sec 112 MBytes 944 Mbits/sec 0 399 KBytes				[ 5] 3.00-4.00 sec 112 MBytes 944 Mbits/sec 0 481 KBytes			
[ 5] 4.00-5.00 sec 105 MBytes 880 Mbits/sec 0 608 KBytes				[ 5] 4.00-5.00 sec 106 MBytes 891 Mbits/sec 0 594 KBytes				[ 5] 4.00-5.00 sec 111 MBytes 933 Mbits/sec 0 424 KBytes				[ 5] 4.00-5.00 sec 112 MBytes 943 Mbits/sec 0 467 KBytes			
[ 5] 5.00-6.00 sec 106 MBytes 891 Mbits/sec 31 659 KBytes				[ 5] 5.00-6.00 sec 108 MBytes 901 Mbits/sec 1 970 KBytes				[ 5] 5.00-6.00 sec 112 MBytes 944 Mbits/sec 0 407 KBytes				[ 5] 5.00-6.00 sec 111 MBytes 934 Mbits/sec 0 464 KBytes			
[ 5] 6.00-7.00 sec 109 MBytes 912 Mbits/sec 41 611 KBytes				[ 5] 6.00-7.00 sec 109 MBytes 913 Mbits/sec 0 537 KBytes				[ 5] 6.00-7.00 sec 111 MBytes 933 Mbits/sec 0 404 KBytes				[ 5] 6.00-7.00 sec 111 MBytes 933 Mbits/sec 0 450 KBytes			
[ 5] 7.00-8.00 sec 106 MBytes 892 Mbits/sec 0 611 KBytes				[ 5] 7.00-8.00 sec 108 MBytes 902 Mbits/sec 0 464 KBytes				[ 5] 7.00-8.00 sec 111 MBytes 933 Mbits/sec 0 402 KBytes				[ 5] 7.00-8.00 sec 112 MBytes 944 Mbits/sec 0 506 KBytes			
[ 5] 8.00-9.00 sec 106 MBytes 891 Mbits/sec 0 563 KBytes				[ 5] 8.00-9.00 sec 109 MBytes 913 Mbits/sec 0 537 KBytes				[ 5] 8.00-9.00 sec 112 MBytes 944 Mbits/sec 0 433 KBytes				[ 5] 8.00-9.00 sec 112 MBytes 943 Mbits/sec 0 506 KBytes			
[ 5] 9.00-10.00 sec 109 MBytes 912 Mbits/sec 0 484 KBytes				[ 5] 9.00-10.00 sec 109 MBytes 912 Mbits/sec 0 535 KBytes				[ 5] 9.00-10.00 sec 111 MBytes 933 Mbits/sec 0 5.66 KBytes				[ 5] 9.00-10.00 sec 111 MBytes 934 Mbits/sec 0 526 KBytes			
[ 5] 10.00-11.00 sec 108 MBytes 902 Mbits/sec 3 478 KBytes				[ 5] 10.00-11.00 sec 85.0 MBytes 713 Mbits/sec 0 441 KBytes				[ 5] 10.00-11.00 sec 91.2 MBytes 765 Mbits/sec 0 390 KBytes				[ 5] 10.00-11.00 sec 90.0 MBytes 755 Mbits/sec 0 399 KBytes			
[ 5] 11.00-12.00 sec 109 MBytes 911 Mbits/sec 0 820 KBytes				[ 5] 11.00-12.00 sec 109 MBytes 912 Mbits/sec 1 458 KBytes				[ 5] 11.00-12.00 sec 111 MBytes 934 Mbits/sec 0 402 KBytes				[ 5] 11.00-12.00 sec 111 MBytes 933 Mbits/sec 0 402 KBytes			
[ 5] 12.00-13.00 sec 102 MBytes 860 Mbits/sec 116 608 KBytes				[ 5] 12.00-13.00 sec 110 MBytes 923 Mbits/sec 0 492 KBytes				[ 5] 12.00-13.00 sec 111 MBytes 933 Mbits/sec 0 376 KBytes				[ 5] 12.00-13.00 sec 112 MBytes 944 Mbits/sec 0 404 KBytes			
[ 5] 13.00-14.00 sec 106 MBytes 892 Mbits/sec 12 899 KBytes				[ 5] 13.00-14.00 sec 109 MBytes 912 Mbits/sec 0 407 KBytes				[ 5] 13.00-14.00 sec 112 MBytes 944 Mbits/sec 0 393 KBytes				[ 5] 13.00-14.00 sec 111 MBytes 933 Mbits/sec 0 424 KBytes			
[ 5] 14.00-15.00 sec 109 MBytes 912 Mbits/sec 0 566 KBytes				[ 5] 14.00-15.00 sec 108 MBytes 902 Mbits/sec 0 410 KBytes				[ 5] 14.00-15.00 sec 111 MBytes 933 Mbits/sec 0 419 KBytes				[ 5] 14.00-15.00 sec 112 MBytes 944 Mbits/sec 0 393 KBytes			
[ 5] 15.00-16.00 sec 106 MBytes 891 Mbits/sec 0 382 KBytes				[ 5] 15.00-16.00 sec 106 MBytes 891 Mbits/sec 0 676 KBytes				[ 5] 15.00-16.00 sec 112 MBytes 944 Mbits/sec 1 399 KBytes				[ 5] 15.00-16.00 sec 111 MBytes 933 Mbits/sec 0 410 KBytes			
[ 5] 16.00-17.00 sec 106 MBytes 890 Mbits/sec 0 580 KBytes				[ 5] 16.00-17.00 sec 109 MBytes 912 Mbits/sec 0 537 KBytes				[ 5] 16.00-17.00 sec 111 MBytes 933 Mbits/sec 0 407 KBytes				[ 5] 16.00-17.00 sec 112 MBytes 944 Mbits/sec 0 399 KBytes			
[ 5] 17.00-18.00 sec 106 MBytes 892 Mbits/sec 63 481 KBytes				[ 5] 17.00-18.00 sec 109 MBytes 912 Mbits/sec 1 475 KBytes				[ 5] 17.00-18.00 sec 111 MBytes 933 Mbits/sec 0 416 KBytes				[ 5] 17.00-18.00 sec 111 MBytes 933 Mbits/sec 0 404 KBytes			
[ 5] 18.00-19.00 sec 106 MBytes 891 Mbits/sec 13 518 KBytes				[ 5] 18.00-19.00 sec 109 MBytes 913 Mbits/sec 0 509 KBytes				[ 5] 18.00-19.00 sec 112 MBytes 943 Mbits/sec 0 410 KBytes				[ 5] 18.00-19.00 sec 111 MBytes 933 Mbits/sec 0 421 KBytes			
[ 5] 19.00-20.00 sec 108 MBytes 901 Mbits/sec 0 1.33 MBytes				[ 5] 19.00-20.00 sec 109 MBytes 912 Mbits/sec 1 467 KBytes				[ 5] 19.00-20.00 sec 111 MBytes 933 Mbits/sec 0 393 KBytes				[ 5] 19.00-20.00 sec 111 MBytes 933 Mbits/sec 0 441 KBytes			
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[ ID] Interval      Transfer      Bitrate      Retr				[ ID] Interval      Transfer      Bitrate      Retr				[ ID] Interval      Transfer      Bitrate      Retr				[ ID] Interval      Transfer      Bitrate      Retr			
[ 5] 0.00-20.00 sec 2.08 GBytes 894 Mbits/sec 289 sender				[ 5] 0.00-20.00 sec 2.09 GBytes 897 Mbits/sec 11 sender				[ 5] 0.00-20.00 sec 2.16 GBytes 929 Mbits/sec 1 sender				[ 5] 0.00-20.00 sec 2.16 GBytes 929 Mbits/sec 0 sender			
[ 5] 0.00-20.00 sec 2.08 GBytes 893 Mbits/sec receiver				[ 5] 0.00-20.00 sec 2.09 GBytes 896 Mbits/sec receiver				[ 5] 0.00-20.00 sec 2.16 GBytes 928 Mbits/sec receiver				[ 5] 0.00-20.00 sec 2.16 GBytes 928 Mbits/sec receiver			