

BwctlScriptByTobyRodwell

```

do
    testTimeNow=`echo "$i * $ss_int" | bc`
    echo -n $testTimeNow $'\t' >> $HOME/temp/ss.tmp
    /usr/sbin/ss -i | awk -f $HOME/temp/awk_filter.tmp >> $HOME/temp/ss.tmp
    echo "" >> $HOME/temp/ss.tmp
    sleep $ss_int
done
)
wait

netstat -s > $HOME/temp/stat_after.tmp
target=`cat $HOME/temp/target.tmp`

# Get the RTT
ping -c 3 $target >> $HOME/tcp_test-$test_time-$host.results
# Headers for the 'ss' results
echo $'Time \t State \t Recv-Q \t Send-Q \t Local Socket \t Peer Socket \t RTO \t CWND \t ssthresh' >> $HOME
/tcp_test-$test_time-$host.results

# This filters out lines without '5001' on them
awk -f $HOME/temp/awk_filter2.tmp $HOME/temp/ss.tmp>> $HOME/tcp_test-$test_time-$host.results

# Display the BWCTL result
head -n 20 $HOME/tcp_test-$test_time-$host.results

# Save the difference between start and end netstat stats.
diff $HOME/temp/stat_before.tmp $HOME/temp/stat_after.tmp > $HOME/stat_changes-$test_time-$host.results

# Tidy up
rm $HOME/temp/*.tmp
rmdir $HOME/temp

exit 0

```

- Main.TobyRodwell - 25 Jun 2006