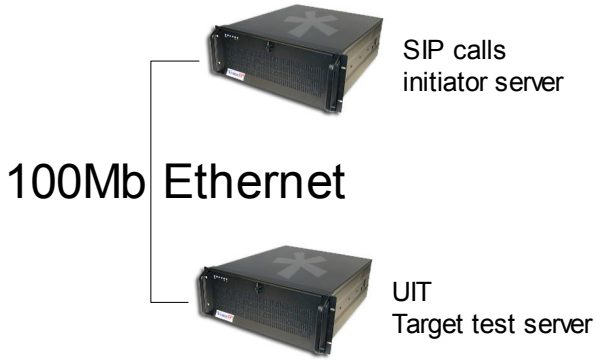
SIP test method

Test setup diagram:



Calls initiator bash script:

```
COUNTER=0
while true ; do
        for i in `seq 1 100`;
        do
                cp call.txt test.call$i
                chmod 777 test.call$i
                chown asterisk:asterisk test.call$i
                mv test.call$i /var/spool/asterisk/outgoing/
        done
        sleep 1
        let COUNTER=COUNTER+1
        mydate=`date`
        echo "$mydate = $COUNTER * 100" >/var/log/asterisk/testsip.txt
done
```

Call file used by the calls initiator bash script (call.txt):

```
Channel: SIP/5145551212@192.168.2.81:5060
MaxRetries: 1
RetryTime: 60
WaitTime: 30
Context: test-sip
Extension: s
Priority: 1
```

Context used by the calls initiator call file:

```
[test-sip]
exten => s,1,Wait(60)
exten => s,2,Hangup()
```

Inbound dialplan on the target server (UIT):

```
[custom-sip-test]
exten => s,1,Answer()
exten => s,2,Wait(1)
exten => s,3,Playback(why-no-answer-mystery)
exten => s,4,Playback(goodbye)
exten => s,5,HangUp()
```

Memory logger bash script on the target server (UIT):

```
while true ; do free | grep Mem ; sleep 5 ; done
```

PrivalBOX v1.02-SP1

Running: asterisk 1.0.10
libpri 1.0.9
zaptel 1.0.10
kernel 2.6.14.3

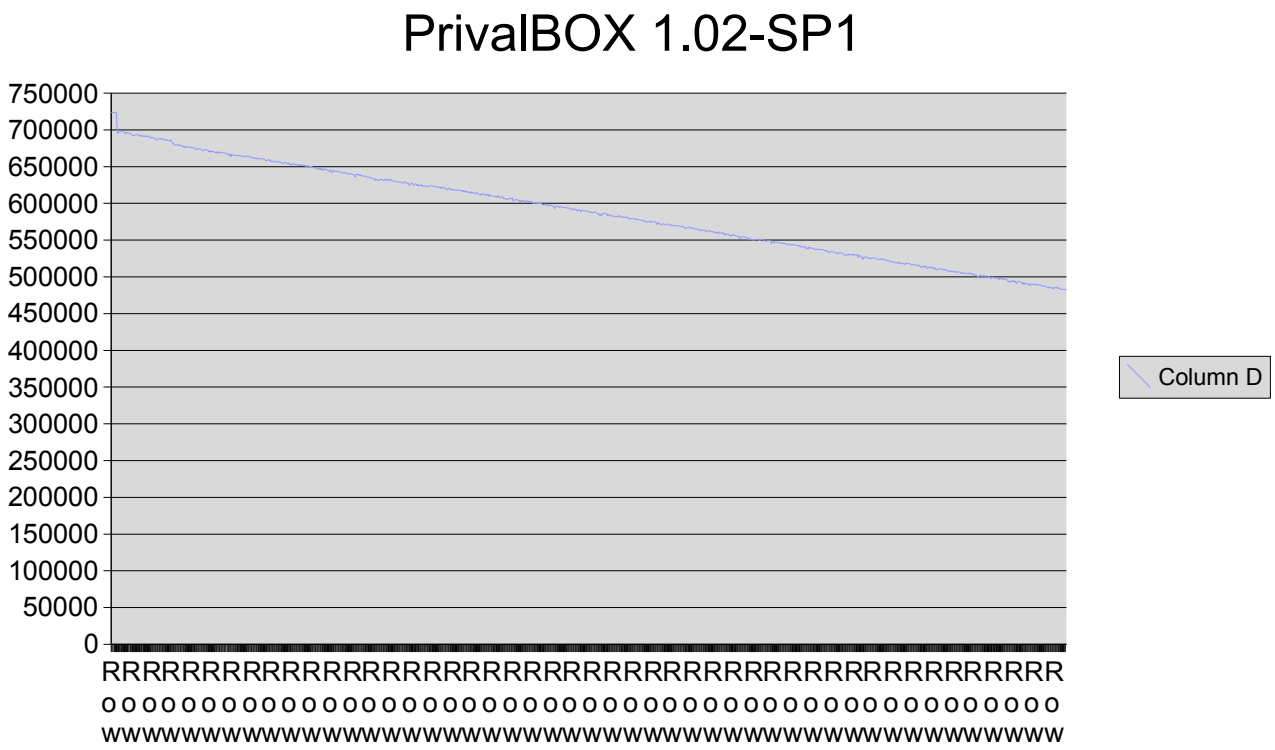
Note: Kernel limited to 1Gb.

Target server specs: Dual Xeon 5130 2GHz 4Mb cache
2Gb of RAM
160Gb SATA HDD
Intel SE5000VSA motherboard

Starting free memory: 723644 Kb
Test end free memory: 481976 Kb

Number of SIP calls: 1125 loop of 100 SIP calls every 1 seconds

Free memory graph:



PrivalBOX v2.02-SP1

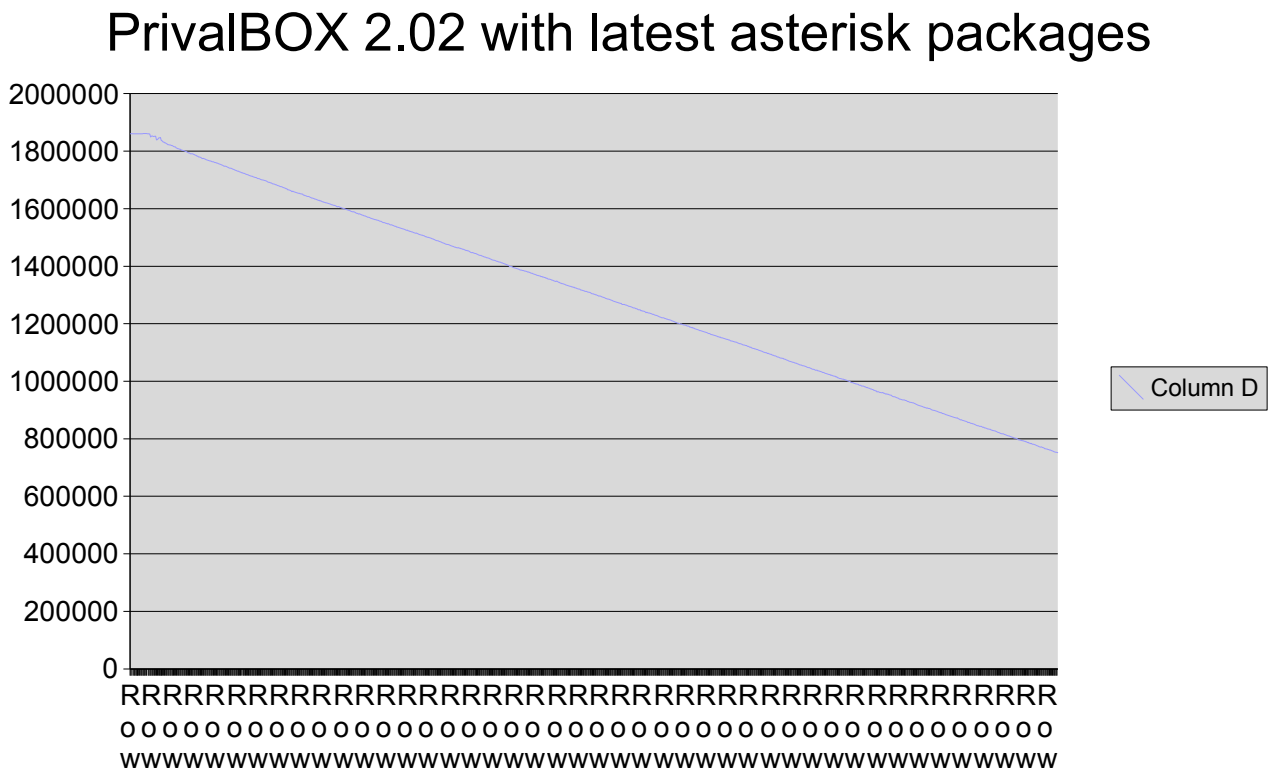
Running: asterisk 1.2.14
libpri 1.2.4
zaptel 1.2.12
kernel 2.6.18

Target server specs: Dual Xeon 5130 2GHz 4Mb cache
2Gb of RAM
160Gb SATA HDD
Intel SE5000VSA motherboard

Starting free memory: 1860588 Kb
Test end free memory: 751708 Kb

Number of SIP calls: 1125 loop of 100 SIP calls every 1 seconds

Free memory graph:



Trixbox 2.0 Beta 2

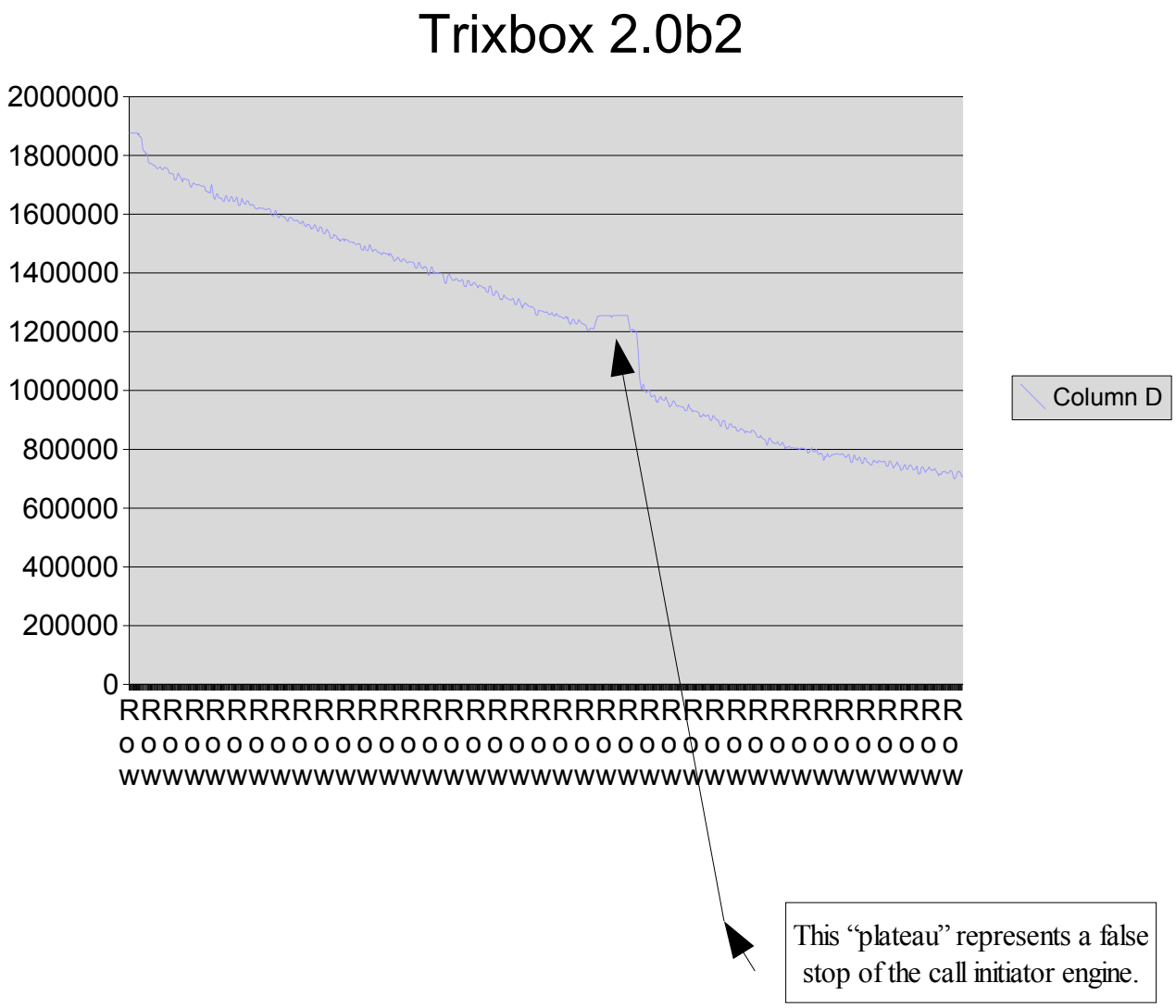
Running: asterisk 1.2.13-1
libpri 1.2.4-1
zaptel 1.2.10-2
kernel 2.6.9-34.0.2.EL

Target server specs: Dual Xeon 5130 2GHz 4Mb cache
2Gb of RAM
160Gb SATA HDD
Intel SE5000VSA motherboard

Starting free memory: 1876984 Kb
Test end free memory: 707824 Kb

Number of SIP calls: 1125 loop of 100 SIP calls every 1 seconds

Free memory graph:



AsteriskNOW 1.4.0 Beta 1

Running: asterisk 1.4.0-beta4
libpri Unknown
zaptel 1.4.0-beta3
kernel 2.6.17.11-1.1

Target server specs: Pentium 1.6GHz 512Mb cache
512Mb of RAM
80Gb IDE HDD
Intel D945GBV motherboard

Starting free memory: 344328 Kb
Test end free memory: 225124 Kb

Number of SIP calls: 1125 loop of 100 SIP calls every 1 seconds

Free memory graph: