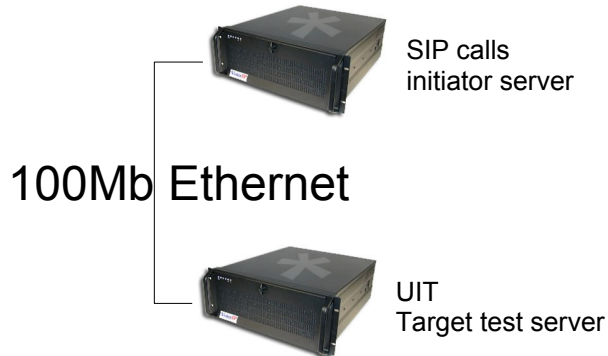


## SIP test method

### 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.

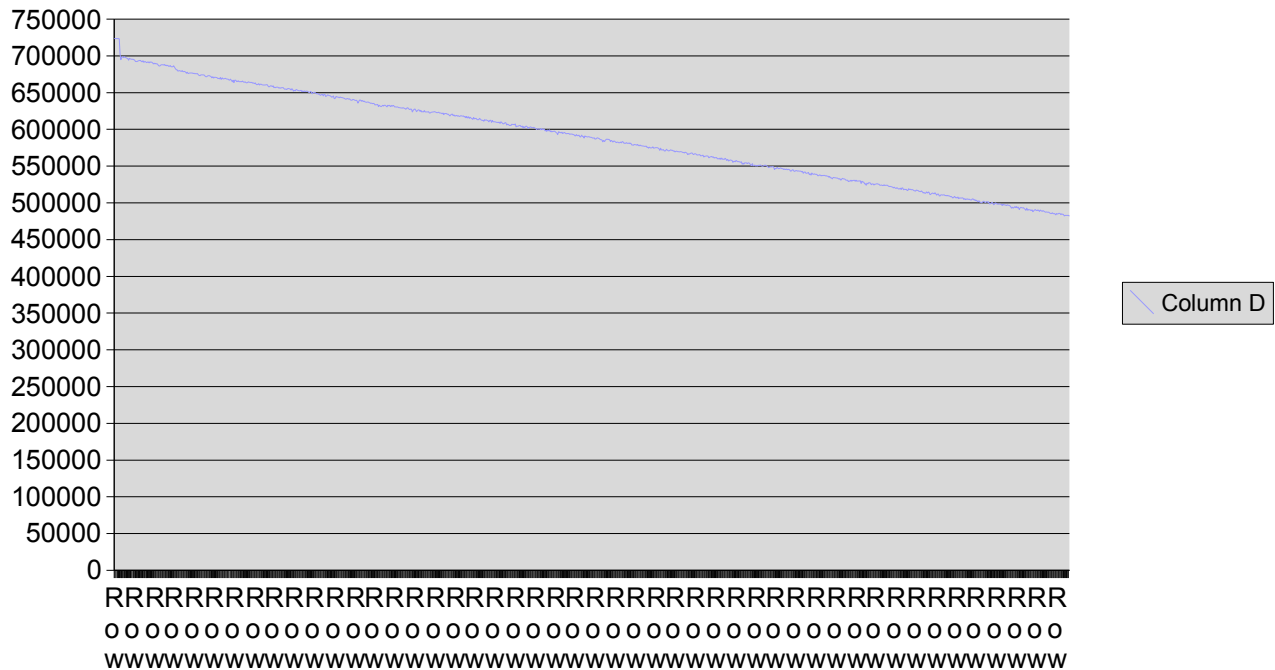
**Target server specs:** Dual Xeon 5130 2GHz 4Mb cache  
2Gb of RAM  
160Gb SATA HDD  
Intel SE5000VSA motherboard

**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 1.02-SP1



## PrivaBOX v2.02-SP1

**Running:** asterisk 1.2.14  
libpri 1.2.4  
zaptel 1.2.12  
kernel 2.6.18

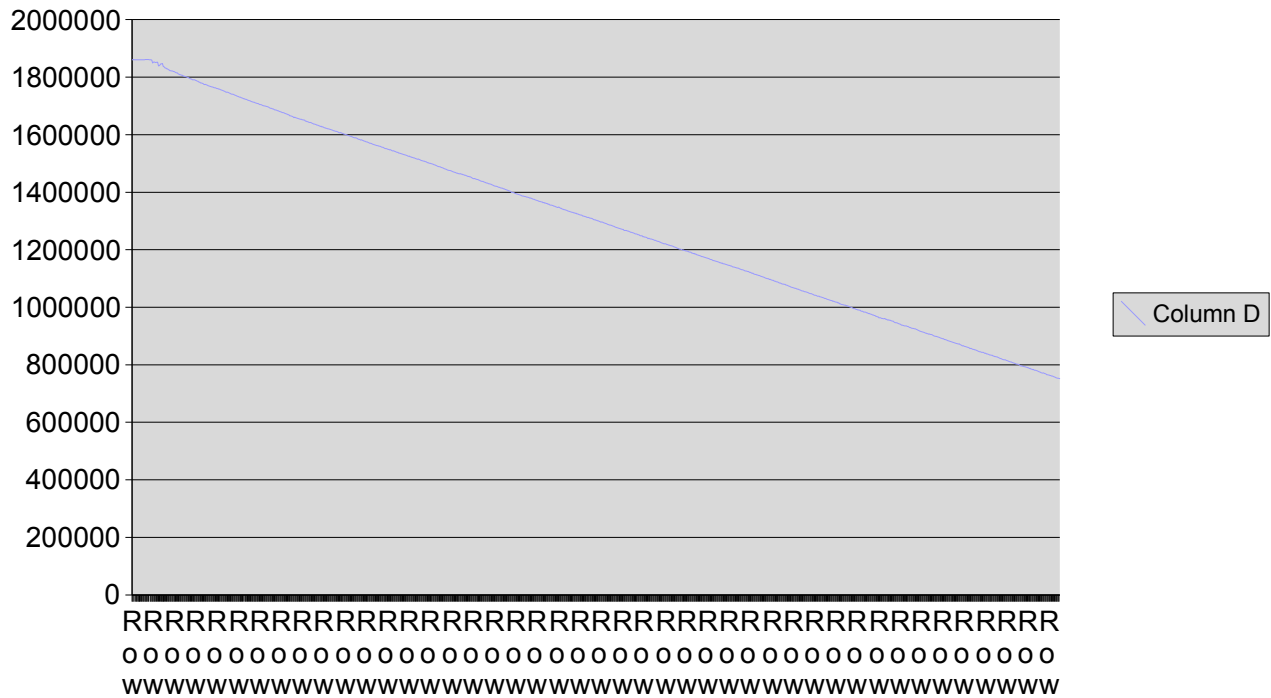
**Target server specs:** Dual Xeon 5130 2GHz 4Mb cache  
2Gb of RAM  
160Gb SATA HDD  
Intel SE5000VSA motherboard

**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:**

### PrivaBOX 2.02 with latest asterisk packages



## 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:**

### Trixbox 2.0b2

