

IPX08 firmware ?? zycoo 3.0.7

???????Sipp

???????sipp -sn uac -d 60000 -i 10.1.1.38 -s 301 10.1.1.10 -l 30

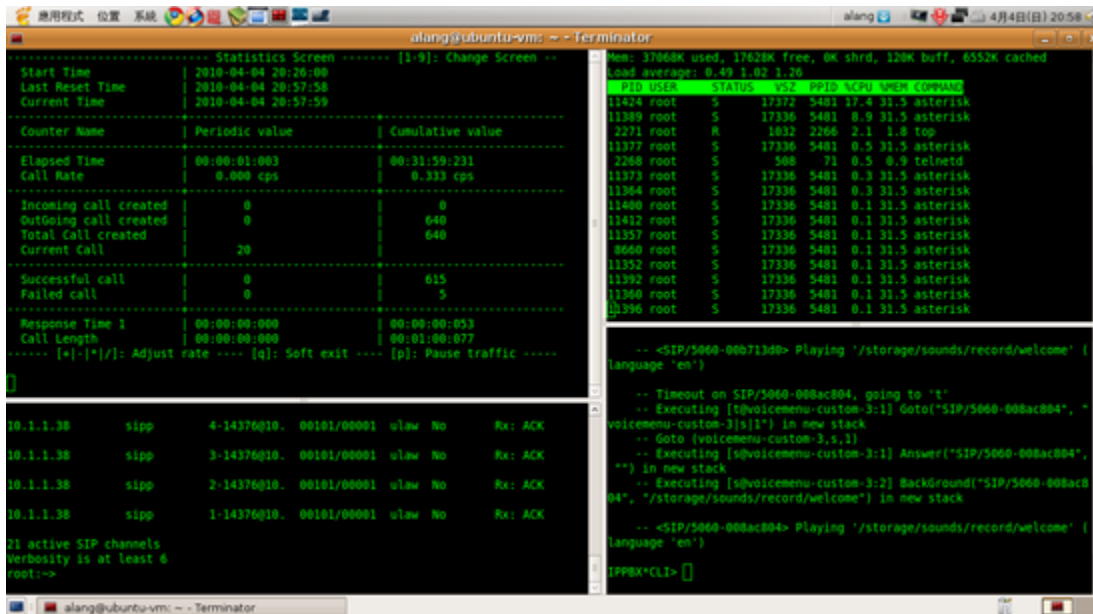
???????

1. ?????? 20 ~ 40 ??????????
2. ??????????????????????
3. ?????????????? 30 ???
4. ?????????????????? IVR?????????????????IVR ??????

Inbound Control > IVR  
 Name: sipp  
 Extension: 301  
 Welcome Message: weolcome  
 t: Goto Menu > sipp

??????

Simultaneous Calls = 20



The screenshot shows a terminal window with two main sections. The left section displays a 'Statistics Screen' with the following data:

Counter Name	Periodic value	Cumulative value
Elapsed Time	00:00:01:003	00:31:59:231
Call Rate	0.000 cps	0.333 cps
Incoming call created	0	0
Outgoing call created	0	640
Total Call created	0	640
Current Call	20	
Successful call	0	615
Failed call	0	5
Response Time 1	00:00:00:000	00:00:00:053
Call Length	00:00:00:000	00:01:00:077

Below the statistics, there are four lines of call logs:

```
10.1.1.38 sipp 4-14376@10.00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 3-14376@10.00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 2-14376@10.00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 1-14376@10.00101/00001 ulaw No Rx: ACK
```

The right section of the terminal shows a process list and SIP call logs. The process list includes:

```
mem: 37060K used, 17620K free, 0K shrd, 120K buff, 6552K cached
load average: 0.49 1.02 1.26
PID USER STATUS VIRT VSZ MEM COMMAND
11424 root S 17372 5401 17.4 31.5 asterisk
11389 root S 17336 5401 0.9 31.5 asterisk
2271 root R 1032 2266 2.1 1.8 top
11377 root S 17336 5401 0.5 31.5 asterisk
2260 root S 500 71 0.5 0.9 telnetd
11373 root S 17336 5401 0.3 31.5 asterisk
11364 root S 17336 5401 0.3 31.5 asterisk
11400 root S 17336 5401 0.1 31.5 asterisk
11412 root S 17336 5401 0.1 31.5 asterisk
11357 root S 17336 5401 0.1 31.5 asterisk
8060 root S 17336 5401 0.1 31.5 asterisk
11352 root S 17336 5401 0.1 31.5 asterisk
11392 root S 17336 5401 0.1 31.5 asterisk
11360 root S 17336 5401 0.1 31.5 asterisk
11396 root S 17336 5401 0.1 31.5 asterisk
```

The SIP logs show a sequence of events for a call to SIP/5060-008ac804:

```
-- <SIP/5060-0087130> Playing '/storage/sounds/record/welcome' (language 'en')
-- Timeout on SIP/5060-008ac804, going to 't'
-- Executing [!voicemenu-custom-3:1] Goto('SIP/5060-008ac804', 'voicemenu-custom-3{s|1}') in new stack
-- Goto [voicemenu-custom-3,s,1]
-- Executing [s!voicemenu-custom-3:1] Answer('SIP/5060-008ac804', '') in new stack
-- Executing [s!voicemenu-custom-3:2] Background('SIP/5060-008ac804', '/storage/sounds/record/welcome') in new stack
-- <SIP/5060-008ac804> Playing '/storage/sounds/record/welcome' (language 'en')
```

Simultaneous Calls = 26

```

alangu@ubuntu-vm: ~ - Terminator
----- Statistics Screen ----- [1-9]: Change Screen --
Start Time      | 2010-04-04 15:05:30
Last Reset Time | 2010-04-04 15:39:18
Current Time    | 2010-04-04 15:39:19
-----
Counter Name    | Periodic value    | Cumulative value
-----
Elapsed Time    | 00:00:01:005     | 00:33:49:327
Call Rate       | 0.000 cps        | 0.390 cps
-----
Incoming call created | 0                | 0
Outgoing call created | 0                | 897
Total Call created  | 0                | 897
Current Call      | 20               |
-----
Successful call | 0                | 733
Failed call      | 0                | 48
-----
Response Time 1  | 00:00:00:000    | 00:00:00:711
Call Length     | 00:00:00:000    | 00:01:00:041
-----
[*]-[*]/[*]: Adjust rate ---- [q]: Soft exit ---- [p]: Pause traffic ----

10.1.1.38 sipp 284-7424010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 283-7424010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 282-7424010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 281-7424010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 280-7424010 00101/00001 ulaw No Rx: ACK
root:~>

Mem: 40780K used, 13900K free, 0K shrd, 120K buff, 6376K cached
Load average: 0.91 1.78 2.83
PID USER  STATUS  VSZ  PPID  %CPU  MEM%  COMMAND
-----
9976 root   S       18372  7792 19.4 33.4 asterisk
9962 root   S       18372  7792 10.4 33.4 asterisk
2271 root   R       1816  2266 2.1  1.8 top
9966 root   S       18372  7792 0.0 33.4 asterisk
9958 root   S       18372  7792 0.3 33.4 asterisk
9970 root   S       18372  7792 0.3 33.4 asterisk
9938 root   S       18372  7792 0.1 33.4 asterisk
9950 root   S       18372  7792 0.1 33.4 asterisk
9934 root   S       18372  7792 0.1 33.4 asterisk
9894 root   R       18372  7792 0.1 33.4 asterisk
9930 root   S       18372  7792 0.1 33.4 asterisk
7800 root   S       18372  7792 0.0 33.4 asterisk
7818 root   S       18372  7792 0.0 33.4 asterisk
7789 root   S       18372  7788 0.0 33.4 asterisk
7792 root   S       18372  7789 0.0 33.4 asterisk

-- Timeout on SIP/5060-000a7fe0, going to 't'
-- Executing [t@voicemail-custom-3:1] Goto("SIP/5060-000a7fe0", "voicemail-custom-3[sip]") in new stack
-- Goto [voicemail-custom-3,s,1]
-- Executing [s@voicemail-custom-3:1] Answer("SIP/5060-000a7fe0", "") in new stack
-- Executing [s@voicemail-custom-3:2] Background("SIP/5060-000a7fe0", "/storage/sounds/record/welcome") in new stack
-- <SIP/5060-000a7fe0> Playing '/storage/sounds/record/welcome' (language 'en')
-- Executing [s@voicemail-custom-3:3] WaitExten("SIP/5060-000a7fe0", "3") in new stack
IPPBX*CLI>

```

Simultaneous Calls = 28 (?????????)

```

alangu@ubuntu-vm: ~ - Terminator
----- Statistics Screen ----- [1-9]: Change Screen --
Start Time      | 2010-04-04 19:00:52
Last Reset Time | 2010-04-04 20:13:42
Current Time    | 2010-04-04 20:13:44
-----
Counter Name    | Periodic value    | Cumulative value
-----
Elapsed Time    | 00:00:00:999     | 01:04:50:996
Call Rate       | 0.000 cps        | 0.439 cps
-----
Incoming call created | 0                | 0
Outgoing call created | 0                | 1710
Total Call created  | 0                | 1710
Current Call      | 20               |
-----
Successful call | 0                | 1681
Failed call      | 0                | 81
-----
Response Time 1  | 00:00:00:000    | 00:00:00:520
Call Length     | 00:00:00:000    | 00:01:00:750
-----
[*]-[*]/[*]: Adjust rate ---- [q]: Soft exit ---- [p]: Pause traffic ----

using dumb terminal settings.
Peer      User/ANR  Call ID  Seq (Tx/Rx)  Form  Hold  Last Message
-----
0 active SIP channels
root:~> asterisk -rx "sip show channels"
Cannot read termcap database;
using dumb terminal settings.
Peer      User/ANR  Call ID  Seq (Tx/Rx)  Form  Hold  Last Message
-----
0 active SIP channels
verbosity is at least 0
root:~>

Mem: 40600K used, 14630K free, 0K shrd, 120K buff, 6404K cached
Load average: 4.14 3.78 3.33
PID USER  STATUS  VSZ  PPID  %CPU  MEM%  COMMAND
-----
5480 root   S       20492  5481 0.5 37.2 asterisk
8410 root   S       20456  5481 7.3 37.2 asterisk
8469 root   S       20456  5481 6.9 37.2 asterisk
8426 root   S       20456  5481 5.9 37.2 asterisk
8435 root   S       20456  5481 5.7 37.2 asterisk
8451 root   S       20456  5481 2.4 37.2 asterisk
2271 root   R       1832  2266 2.4  1.8 top
8505 root   S       20492  5481 1.3 37.2 asterisk
8455 root   S       20456  5481 1.0 37.2 asterisk
8476 root   S       20492  5481 0.8 37.2 asterisk
5670 root   S       20456  5481 0.8 37.2 asterisk
8447 root   S       20456  5481 0.8 37.2 asterisk
5674 root   S       20456  5481 0.6 37.2 asterisk
8439 root   S       20456  5481 0.6 37.2 asterisk
7461 root   S       20456  5481 0.6 37.2 asterisk

-- <SIP/5060-02056054> Playing '/storage/sounds/record/welcome' (language 'en')
-- Executing [s@voicemail-custom-3:3] WaitExten("SIP/5060-02056054", "3") in new stack
-- Spawn extension (voicemail-custom-3, s, 2) exited non-zero on 'SIP/5060-02056054'
-- Spawn extension (voicemail-custom-3, s, 2) exited non-zero on 'SIP/5060-02056054'
IPPBX*CLI>
Disconnected from Asterisk server
Executing last minute cleanups
root:~>

```

Simultaneous Calls = 30 (?????????)

```

alangs@ubuntu-vm: ~ - Terminator
----- Statistics Screen ----- [1-9]: Change Screen --
Start Time      | 2010-04-04 14:28:22
Last Reset Time | 2010-04-04 15:02:01
Current Time    | 2010-04-04 15:02:02
-----
Counter Name    | Periodic value | Cumulative value
-----
Elapsed Time    | 00:00:01:000   | 00:33:40:049
Call Rate       | 0.000 cps      | 0.500 cps
-----
Incoming call created | 0              | 0
Outgoing call created | 0              | 1011
Total Call created  | 0              | 1011
Current Call       | 30             |
-----
Successful call | 0              | 939
Failed call      | 0              | 42
-----
Response Time 1 | 00:00:00:000   | 00:00:00:070
Call Length    | 00:00:00:000   | 00:01:00:069
-----
[+]~|/|: Adjust rate ---- [q]: Soft exit ---- [p]: Pause traffic ----
]

10.1.1.38 sipp 426-6393010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 425-6393010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 423-6393010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 422-6393010 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 421-6393010 00101/00001 ulaw No Rx: ACK
root:>

mem: 43460K used, 11220K free, 0K shrd, 220K buff, 04K cached
load average: 5.87 6.48 5.15
PID USER      STATUS  VSZ  PPID  VSZ  MEM  COMMAND
-----
6397 root      S       26276  109  10.0 47.7 asterisk
6350 root      S       26240  109  6.7 47.7 asterisk
6343 root      S       26240  109  6.2 47.7 asterisk
6424 root      S       26276  109  5.4 47.7 asterisk
6418 root      S       26276  109  5.0 47.7 asterisk
6375 root      S       26240  109  5.0 47.7 asterisk
6437 root      S       26312  109  3.9 47.0 asterisk
6434 root      S       26312  109  3.2 47.0 asterisk
2271 root      R       1016  2296  7.1 1.0 top
187 root      S       26240  109  2.7 47.7 asterisk
189 root      S       26240  109  2.4 47.7 asterisk
6384 root      S       26240  109  2.3 47.7 asterisk
6410 root      S       26276  109  1.8 47.7 asterisk
6347 root      S       26240  109  1.8 47.7 asterisk
1400 root      S       26276  109  1.6 47.7 asterisk

(language 'en')

-- Timeout on SIP/5060-01e03f68, going to '*'
-- Executing [sipvoicemenu-custom-3:1] Goto('SIP/5060-01e03f68',
sipvoicemenu-custom-3|s|1') in new stack

-- Goto [sipvoicemenu-custom-3:5:1]
-- Executing [sipvoicemenu-custom-3:1] Answer('*SIP/5060-01e03f68',
*) in new stack

-- Executing [sipvoicemenu-custom-3:2] Background('*SIP/5060-01e03f68',
'/storage/sounds/record/welcome') in new stack

-- <SIP/5060-01e03f68> Playing '/storage/sounds/record/welcome' (
language 'en')
IPPBX*CLI> ]
    
```

Simultaneous Calls = 34 (??????)

```

alangs@ubuntu-vm: ~ - Terminator
----- Statistics Screen ----- [1-9]: Change Screen --
Start Time      | 2010-04-04 15:44:57
Last Reset Time | 2010-04-04 16:20:33
Current Time    | 2010-04-04 16:20:34
-----
Counter Name    | Periodic value | Cumulative value
-----
Elapsed Time    | 00:00:01:003   | 00:35:36:014
Call Rate       | 0.973 cps      | 0.573 cps
-----
Incoming call created | 0              | 0
Outgoing call created | 9              | 1224
Total Call created  | 9              | 1224
Current Call       | 34             |
-----
Successful call | 9              | 1150
Failed call      | 0              | 40
-----
Response Time 1 | 00:00:00:035   | 00:00:00:376
Call Length    | 00:01:00:083   | 00:01:00:544
-----
[+]~|/|: Adjust rate ---- [q]: Soft exit ---- [p]: Pause traffic ----
]

10.1.1.38 sipp 3-8441010.1 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 2-8441010.1 00101/00001 ulaw No Rx: ACK
10.1.1.38 sipp 1-8441010.1 00101/00001 ulaw No Rx: ACK
10.1.1.24 (None) 00578100-FB 00101/00310 unkn No Rx: OPTIONS
35 active SIP channels
-- Remote UNIX connection
root:>

mem: 45560K used, 9130K free, 0K shrd, 120K buff, 6044K cached
load average: 8.74 7.90 0.79
PID USER      STATUS  VSZ  PPID  VSZ  MEM  COMMAND
-----
14060 root      R       22356  7792  4.9 40.6 asterisk
14054 root      S       22356  7792  4.7 40.6 asterisk
14814 root      S       22392  7792  3.3 40.7 asterisk
14791 root      S       22392  7792  2.8 40.7 asterisk
14820 root      S       22392  7792  2.6 40.7 asterisk
14077 root      S       22004  7792  2.5 40.0 asterisk
14062 root      S       22356  7792  2.4 40.6 asterisk
14009 root      R       22392  7792  2.3 40.7 asterisk
14075 root      S       22004  7792  2.2 40.0 asterisk
14820 root      S       22392  7792  1.9 40.7 asterisk
14818 root      S       22392  7792  1.8 40.7 asterisk
14803 root      S       22392  7792  1.7 40.7 asterisk
14833 root      S       22392  7792  1.6 40.7 asterisk
14823 root      S       22392  7792  1.6 40.7 asterisk
10051 root      S       22392  7792  1.5 40.7 asterisk

-- Executing [sipvoicemenu-custom-3:2] Background('*SIP/5060-00779504',
'/storage/sounds/record/welcome') in new stack

-- <SIP/5060-00779504> Playing '/storage/sounds/record/welcome' (
language 'en')

-- Executing [sipvoicemenu-custom-3:3] WaitExten('*SIP/5060-0077ab04',
'3') in new stack

-- Executing [sipvoicemenu-custom-3:3] WaitExten('*SIP/5060-0062e004',
'3') in new stack

-- Executing [sipvoicemenu-custom-3:3] WaitExten('*SIP/5060-00544004',
'3') in new stack
IPPBX*CLI> ]
    
```

Simultaneous Calls = 38 (??????)

```

alangs@ubuntu-vm: ~ - Terminator
----- Statistics Screen ----- [1-9]: Change Screen --
Start Time      | 2010-04-04 16:54:47
Last Reset Time | 2010-04-04 17:29:03
Current Time    | 2010-04-04 17:29:04
-----
Counter Name    | Periodic value    | Cumulative value
-----
Elapsed Time    | 00:00:00:999     | 00:34:17:548
Call Rate       | 0.000 cps        | 0.620 cps
-----
Incoming call created | 0                | 0
Outgoing call created | 0                | 1292
Total Call created  | 0                | 1292
Current Call       | 38               |
-----
Successful call | 0                | 1213
Failed call      | 0                | 41
-----
Response Time 1  | 00:00:00:000    | 00:00:00:519
Call Length     | 00:00:00:000    | 00:01:01:010
-----
[+]~|/|: Adjust rate  --- [q]: Soft exit  --- [p]: Pause traffic  ---

10.1.1.38 sipp 1103-991001 00101/00001 ulaw No Rx: ACK

33 active SIP channels
Verbosity is at least 6
-- Remote UNIX connection
-- Executing [s@voicemail-custom-3:3] WaitExten("SIP/5060-00024fec", "3") in ne
w stack
-- Executing [s@voicemail-custom-3:3] WaitExten("SIP/5060-00004004", "3") in ne
w stack
-- Executing [s@voicemail-custom-3:3] WaitExten("SIP/5060-0070031c", "3") in ne
w stack
root:>

mem: 43770K used, 10930K free, 0K shrd, 120K buff, 6140K cached
load average: 8.41 10.47 9.78
PID USER      STATUS  VSZ  PPID  VSZ  MEM  COMMAND
21209 root      R       23176 15993 11.3 42.1 asterisk
21276 root      S       23320 15993  8.8 42.4 asterisk
21179 root      S       23104 15993  8.3 42.0 asterisk
21185 root      S       23140 15993  7.9 42.0 asterisk
21211 root      S       23176 15993  6.6 42.1 asterisk
21191 root      S       23140 15993  5.8 42.0 asterisk
21243 root      S       23176 15993  4.9 42.1 asterisk
21317 root      S       23320 15993  4.2 42.4 asterisk
21253 root      S       23240 15993  2.5 42.2 asterisk
21176 root      R       23104 15993  2.3 42.0 asterisk
21264 root      S       23320 15993  2.2 42.4 asterisk
21245 root      S       23240 15993  2.2 42.2 asterisk
2271 root      R       1032  2266  2.2  1.8 top
21193 root      S       23176 15993  2.0 42.1 asterisk
21290 root      S       23320 15993  1.7 42.4 asterisk

-- <SIP/5060-00e30004> Playing '/storage/sounds/record/welcome' (
language 'en')
-- Timeout on SIP/5060-00900004, going to 't'
-- Executing [t@voicemail-custom-3:1] Goto("SIP/5060-00900004", "
voicemail-custom-3[s]1") in new stack
-- Goto (/voicemail-custom-3,s,1)
-- Executing [s@voicemail-custom-3:1] Answer("SIP/5060-00900004",
"") in new stack
-- Executing [s@voicemail-custom-3:2] Background("SIP/5060-009000
04", "/storage/sounds/record/welcome") in new stack
-- <SIP/5060-00900004> Playing '/storage/sounds/record/welcome' (
language 'en')
IPPBX*CLI>

```

Simultaneous Calls = 40 (?????)

```

alangs@ubuntu-vm: ~ - Terminator
----- Statistics Screen ----- [1-9]: Change Screen --
Start Time      | 2010-04-04 17:22:26
Last Reset Time | 2010-04-04 18:10:35
Current Time    | 2010-04-04 18:10:36
-----
Counter Name    | Periodic value    | Cumulative value
-----
Elapsed Time    | 00:00:01:003     | 00:38:09:588
Call Rate       | 0.000 cps        | 0.655 cps
-----
Incoming call created | 0                | 0
Outgoing call created | 0                | 1500
Total Call created  | 0                | 1500
Current Call       | 40               |
-----
Successful call | 0                | 1353
Failed call      | 0                | 107
-----
Response Time 1  | 00:00:00:000    | 00:00:00:000
Call Length     | 00:00:00:000    | 00:01:01:393
-----
[+]~|/|: Adjust rate  --- [q]: Soft exit  --- [p]: Pause traffic  ---

-- Executing [s@voicemail-custom-3:3] WaitExten("SIP/5060-00704900", "3") in ne
w stack
-- Timeout on SIP/5060-01060004, going to 't'
-- Executing [t@voicemail-custom-3:1] Goto("SIP/5060-01060004", "voicemenu-cust
om-3[s]1") in new stack
-- Goto (/voicemail-custom-3,s,1)
-- Executing [s@voicemail-custom-3:1] Answer("SIP/5060-01060004", "
") in new stack
-- Executing [s@voicemail-custom-3:2] Background("SIP/5060-01060004", "/storage
/sounds/record/welcome") in new stack
-- <SIP/5060-01060004> Playing '/storage/sounds/record/welcome' (language 'en')
root:>

mem: 44560K used, 10120K free, 0K shrd, 120K buff, 6472K cached
load average: 10.48 11.23 10.82
PID USER      STATUS  VSZ  PPID  VSZ  MEM  COMMAND
27190 root      R       23672 15993  7.8 43.0 asterisk
27242 root      S       23600 15993  6.3 42.9 asterisk
27214 root      S       23600 15993  5.3 42.9 asterisk
27245 root      S       23600 15993  4.9 42.9 asterisk
27237 root      S       23600 15993  4.8 42.9 asterisk
27248 root      S       23600 15993  4.8 42.9 asterisk
27190 root      S       23672 15993  4.4 43.0 asterisk
27233 root      S       23600 15993  3.6 42.9 asterisk
27253 root      S       23600 15993  3.6 42.9 asterisk
27162 root      R       23672 15993  3.1 43.0 asterisk
2271 root      R       1032  2266  2.1  1.8 top
27180 root      S       23672 15993  2.5 43.0 asterisk
27239 root      S       23600 15993  2.4 42.9 asterisk
27184 root      R       23672 15993  2.2 43.0 asterisk
27259 root      S       23600 15993  2.2 42.9 asterisk

-- Executing [s@voicemail-custom-3:1] Answer("SIP/5060-0110e004",
"") in new stack
-- Executing [s@voicemail-custom-3:2] Background("SIP/5060-0110e0
04", "/storage/sounds/record/welcome") in new stack
-- Timeout on SIP/5060-00a30004, going to 't'
-- Executing [t@voicemail-custom-3:1] Goto("SIP/5060-00a30004", "
voicemail-custom-3[s]1") in new stack
-- Goto (/voicemail-custom-3,s,1)
-- Executing [s@voicemail-custom-3:1] Answer("SIP/5060-00a30004",
"") in new stack
-- Executing [s@voicemail-custom-3:2] Background("SIP/5060-00a300
04", "/storage/sounds/record/welcome") in new stack
-- <SIP/5060-0110e004> Playing '/storage/sounds/record/welcome' (
language 'en')
IPPBX*CLI>

```