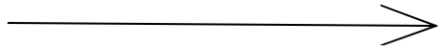
SIPp

Using the UAS integrated scenarios

UAC

SIPp

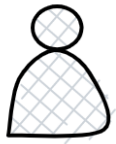


extensions.conf

```
[internal]
exten => 1001,1,Dial(SIP/omid)
```

sip.conf

```
[omid]
secret=123456
type=friend
host=dynamic
context=internal
```



1001

UAC

Example 1: Using the default UAC scenario to send calls

```
./sipp -sd uac -d 20000 -s 1001 108.61.211.191  -m 6
```

will generate a maximum of 6 SIP calls to the destination IP address of 108.61.211.191 , each call lasting for 20 seconds. The calls will use the uac scenario and set the From header to 1001.

option	Description
-sd	Use a default scenario embedded in sipp
-d	Controls the length of calls. More precisely, this controls the duration of 'pause' instructions in the scenario, if they do not have a 'milliseconds' section. Default value is 0 and default unit is milliseconds
-s	Set the username part of the request URI. Default is 'service'.
-m	Stop the test and exit when 'calls' calls are processed

UAC

Example 2: Using the default UAC scenario to send calls with rate limit

Send 6 Calls (INVITE) to 1001@108.61.211.191 with the rate of 2 concurrent calls **in 10 seconds** - After the Call answered pause for 20000 ms and Hangup (BYE)

(target will get a call every 5 seconds)

```
./sipp -sd uac -d 20000 -s 1001 108.61.211.191  -m 6 -r 2 -rp 10000
```

option	Description
-r	Set the call rate (in calls per seconds).
-rp	: Specify the rate period for the call rate. Default is 1 second and default unit is milliseconds. This allows you to have n calls every m milliseconds (by using -r n -rp m). Example: -r 7 -rp 2000 ==> 7 calls every 2 seconds. -r 10 -rp 5s => 10 calls every 5 seconds.

UAC

Example 3: Enabling logs

```
./sipp -sn uac -d 20000 -s 1001 108.61.211.191  -m 6 -trace_msg -trace_shortmsg -trace_err -trace_screen
```

option	Description
trace_msg	Displays sent and received SIP messages in __messages.log
trace_shortmsg	Displays sent and received SIP messages as CSV in __shortmessages.log
trace_err	Trace all unexpected messages in __errors.log.
trace_screen	Dump statistic screens in the <scenario_name>__screens.log file when quitting SIPp. Useful to get a final status report in background mode