

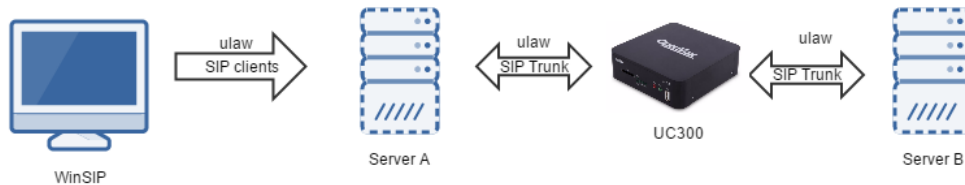
UC300 性能测试

➤ 测试平台

CPU	内存	操作系统	内核	Asterisk 版本
Z3735G	1G	CentOS 7 64 位	3.10.0	11.15.0

➤ 测试方法

准备两台装有 Asterisk 的测试服务器 A 与 B，WinSIP 向 A 发起呼叫送到 UC300 上，经 UC300 进行 RTP 转发后将呼叫送到 B 放音。



➤ 测试结果

编码	并发数	测试时长(h)	音质	性能(CPU 内存占用)
ulaw	300	62	语音清晰，无明显卡顿	CPU 51.3%id; MEM 15.2%id
g729	100	48	语音清晰，无明显卡顿	CPU 47.4%id; MEM 11.1%id

➤ 相关信息截图

编码	项目	截图	备注																											
ulaw	CPU 占用	<pre>Mem: 759860K used, 149236K free, 52988K shrd, 45636K buff, 103616K cached CPU: 20.2% usr 19.9% sys 0.0% nic 51.3% idle 5.2% io 0.0% irq 3.0% sirq Load average: 5.48 6.06 6.36 11/415 5528</pre> <table border="1"> <thead> <tr> <th>PID</th> <th>PPID</th> <th>USER</th> <th>STAT</th> <th>VSZ</th> <th>%VSZ</th> <th>CPU</th> <th>%CPU</th> <th>COMMAND</th> </tr> </thead> <tbody> <tr> <td>2323</td> <td>2320</td> <td>root</td> <td>S</td> <td>2750m</td> <td>309.4</td> <td>2</td> <td>38.9</td> <td>/usr/sbin/asterisk -f -vvvg -c</td> </tr> <tr> <td>71</td> <td>2</td> <td>root</td> <td>SW</td> <td>0</td> <td>0.0</td> <td>3</td> <td>0.5</td> <td>[mmcqd/0]</td> </tr> </tbody> </table>	PID	PPID	USER	STAT	VSZ	%VSZ	CPU	%CPU	COMMAND	2323	2320	root	S	2750m	309.4	2	38.9	/usr/sbin/asterisk -f -vvvg -c	71	2	root	SW	0	0.0	3	0.5	[mmcqd/0]	呼叫发起和停止的速率均为 10 calls/s, 呼叫时长为 90 秒, 到时间自动停止, 延时 3 秒后重新发起呼叫。
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g729	CPU 占用	<pre>Mem: 818208K used, 90888K free, 53836K shrd, 20504K buff, 102748K cached CPU: 40.9% usr 9.0% sys 0.0% nic 47.4% idle 0.6% io 0.0% irq 1.9% sirq Load average: 4.77 4.41 4.42 5/338 27145</pre> <table border="1"> <thead> <tr> <th>PID</th> <th>PPID</th> <th>USER</th> <th>STAT</th> <th>VSZ</th> <th>%VSZ</th> <th>CPU</th> <th>%CPU</th> <th>COMMAND</th> </tr> </thead> <tbody> <tr> <td>2332</td> <td>2329</td> <td>root</td> <td>S</td> <td>2692m</td> <td>302.9</td> <td>3</td> <td>49.6</td> <td>/usr/sbin/asterisk -f -vvvg -c</td> </tr> <tr> <td>27114</td> <td>24574</td> <td>root</td> <td>R</td> <td>7764</td> <td>0.8</td> <td>3</td> <td>0.5</td> <td>top</td> </tr> </tbody> </table>	PID	PPID	USER	STAT	VSZ	%VSZ	CPU	%CPU	COMMAND	2332	2329	root	S	2692m	302.9	3	49.6	/usr/sbin/asterisk -f -vvvg -c	27114	24574	root	R	7764	0.8	3	0.5	top	
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