Subject: ztdummy accuracy worse in VE compared to HE
Posted by philwo on Sun, 13 Apr 2008 20:18:44 GMT
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Hi,

I'd like to run an asterisk server with MeetMe in an OpenVZ VE. I installed the ztdummy module in the HE, loaded it (modprobe ztdummy rtc_rate=8192) and tested with zttest:

root@pear:~# zttest
Opened pseudo zap interface, measuring accuracy...
99.991402% 99.999809% 99.996292% 99.991112% 99.995125% 99.990723% 99.996674%
99.997078% 99.990044% 99.996780% 99.991211% 99.996292% 99.996780% 99.992195%
99.996483%
99.991318% 99.997070% 99.996391% 99.990929% 99.996185% 99.993362% 99.999023%
99.996880%
99.991112% 99.995216% 99.997749% 99.991402% 99.996582% 99.991302%
--- Results after 29 passes ---
Best: 100.000 -- Worst: 99.990 -- Average: 99.994570, Difference: 99.998266

That looks very nice.

Now I'm trying the same in the VE (I gave access to all /dev/zap/* devices):

root@pear:~# vzctl enter 102
root@vz102:/# zttest
Opened pseudo zap interface, measuring accuracy...
99.683212% 99.973831% 99.774704% 99.440239% 99.484863% 99.831940% 99.636711%
99.378410% 99.924217% 99.441513% 99.386719% 99.442200% 99.679489% 99.778130%
99.973640%
99.832031% 99.873634% 99.831451% 99.778816% 99.437698% 99.675972% 99.636330%
99.584274%
99.777046% 99.735451% 99.775978% 99.439453% 99.581642% 99.778618% 99.734474%
99.975395%
99.635353% 99.580956% 99.930862% 99.637398% 99.582520% 99.637115% 99.484177%
99.972954%
99.831734% 99.971100% 99.875099% 99.832222% 99.777641% 99.818169% 99.940430%
99.780075%
99.972359% 99.972359% 99.343552% 99.585159% 99.637779% 99.386330% 99.973732%
99.532318%
99.772453% 99.775589% 99.928810% 99.437012% 99.383987% 99.637589% 99.831642%
99.679207%
99.776955% 99.831924% 99.972466% 99.538864% 99.973335% 99.386429% 99.441216%
99.929001%
99.974213% 99.580757% 99.635841% 99.930275%
--- Results after 75 passes ---
Best: 99.975 -- Worst: 99.344 -- Average: 99.711827, Difference: 99.997618

Does anyone have an idea, why the accuracy in the VE is much worse? Is there any workaround?

Best regards,
Philipp