Subject: Re: kernel thread accounted to a VE
Posted by Eric Keller on Wed, 12 Dec 2007 16:11:31 GMT
View Forum Message <> Reply to Message

>
> first of all, you should check that enter was successful :) The most
> simple case is that is don't. This can be confirmed by the ret code
> checking and via /proc/<pid>/status of the particular thread
>

The return code says it was successful. And I performed 3 commands to further check:
[#HN#] top
[#HN#]$ more /proc/12784/status
[#VE200#] top

The results are below, making it appear to be successful. What else can I try or what debugging flags are there to see info about the scheduler or where in the code does the cpu limit get enforced (and do kernel threads get checked in that code)... or what are the right questions for me to ask you guys?

Thanks for your help,
Eric

[#HN#] top
top - 10:39:27 up 7 min, 3 users, load average: 0.65, 0.52, 0.26
Tasks: 118 total, 3 running, 115 sleeping, 0 stopped, 0 zombie
Cpu(s): 0.7% us, 28.2% sy, 0.0% ni, 71.0% id, 0.0% wa, 0.0% hi, 0.2% si
Mem: 1989596k total, 422992k used, 1566604k free, 42488k buffers
Swap: 4192924k total, 0k used, 4192924k free, 210524k cached

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
12784	root	15	0	0	0	0	R	56	0.0	0:28.56	kclick

[#HN#]$ more /proc/12784/status
Name: kclick
State: R (running)
SleepAVG: 98%
Tgid: 12784
Pid: 12784
PPid: 1
TracerPid: 0
FNid: 200
Uid: 0 0 0 0
Gid: 0 0 0 0
FDSize: 64

Groups: 0 1 2 3 4 6 10
envID: 200
VPid: 13808
PNState: 0
StopState: 0
Threads: 1

[#VE200#] top
Tasks: 20 total,   2 running, 18 sleeping,   0 stopped,   0 zombie
Cpu(s): 0.0% us, 27.8% sy, 0.0% ni, 72.2% id, 0.0% wa, 0.0% hi, 0.0% si
Mem: 140000k total,   10640k used,   129360k free,   0k buffers
Swap: 0k total,   0k used,   0k free,   0k cached
  PID USER   PR NI VIRT RES SHR S %CPU %MEM   TIME+ COMMAND
13808 root   15   0   0   0   0 S   56 0.0   1:33.67 kclick