Subject: ps stuck
Posted by zvf1 on Fri, 06 Jul 2012 09:03:59 GMT
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Hi,

I have critical problem. It is the second time it happens (in a month)

The problem symptom is that load increases to very high numbers.

What I can see is that ps -ef command is stuck from the openvz server on specific process.

strace ps -ef shows that it is stuck on trying to read /proc/pid/cmdline of some process

Manual "ls" on /proc/pid stuck too (for the specific process)

I can identify the ve on which the stuck process is but it's not possible to kill it.

My previous experience show only reboot of the openvz server helps.

The openvz server is installed on CentOS 6.2 , openvz version 2.6.32-042stab044.17

Any idea what is the problem ?

Thanks a lot,
Zeev

Subject: Re: ps stuck
Posted by tjheeta on Tue, 31 Jul 2012 06:50:50 GMT
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This is a pretty ugly problem.

What is happening I think that processes are stuck in uninterruptable sleep. In the kernel log, there's probably something of the sort:
INFO: task java:806296 blocked for more than 120 seconds.
"echo 0 > /proc/sys/kernel/hung_task_timeout_secs" disables this message.

We're finding this happening on NFS backed VM's. Adjusting the mount options to "soft,intr" doesn't really help. In fact, nothing really helps.

The VM cannot be shutdown causing the entire hardware node needing to be rebooted.

We're having this problem on all kernel versions. Not sure if this is related to the network card or something else.