Subject: numsiginfo resource growing
Posted by alevchuk on Sat, 09 Aug 2008 08:19:39 GMT
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Dear Community,

I have a 64GiB RAM box running the 2.6.24-openvz-24-004.1d1-amd64 kernel.

My numsiginfo resource is always growing.

It grows linearly, gets to about 45, zeroes-out, and then continues growing again.

You can see the graphs here: http://biocluster.ucr.edu/munin/girke/owl.girke-vebc_numtcpsock_numflock_numpty_numsiginfo_numothersock_numiptent_105.ht ml

Does anyone experience the same behavior?

My load of the system is also growing, it is now 72 (!).

Is the high load a result of the siginfo?

The siginfo is the only resource that I can see abused on the system. Perhaps I'm not looking in the right place. Perhaps I'm just blind.

Alex

File Attachments
1) owl.girke-vebc_numtcpsock_numflock_numpty_numsiginfo_numothersock_numiptent_101-month.png, downloaded 308 times

Subject: Re: numsiginfo resource growing
Posted by maratrus on Fri, 15 Aug 2008 11:50:40 GMT
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Hi,

Quote:
My load of the system is also growing, it is now 72 (!).

What do you mean? How do you measure system load?

Subject: Re: numsiginfo resource growing
Posted by alevchuk on Fri, 15 Aug 2008 13:17:50 GMT
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`top` or `uptime` in Debain display the "load average".

I'm not 100% sure what is the formula, but usually on a healthy box this value does not got higher then 3.

Alex

Subject: Re: numsiginfo resource growing
Posted by maratrus on Fri, 15 Aug 2008 14:01:32 GMT
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Hi,

load average includes the processes in a running state but also in a uninterruptible sleep state (in most cases it concerns with IO activity).
So we can check these two groups of processes (utility ps: D and R states).
Are there processes that are stuck inside kernel (ps: wchan).
vmstat - is also might be useful.