Subject: 4Servers crashes no video , no error , Please help!
Posted by Navid on Sat, 28 Apr 2007 00:50:10 GMT
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Hello there,

We are having a Serouise problem with Openvz at the moment, From 2 weeks ago about 4 of our servers started crashing and geeting locked up with NO ERRORS what so ever, Right now this is taking our business down Here are server Specs and they are all running Centos 64Bit :

Dual Xeon CPUs
All 6GB Ram
SCSI Raid 10

I am 100% sure there is no problem with the hardware as some have totally different stuff and its just impossible to have this on that many servers together, We have talked to MANY MANY techs and changed many settings .. All servers are running Hypervm and Lxlabs has told us its TCP sockets getting overloaded so we have done :

# sysctl -w "net.ipv4.tcp_mem= 786432 1048576 1572864"
# echo "net.ipv4.tcp_mem = 786432 1048576 1572864" >> /etc/sysctl.conf

But no different at all, Ok so Servers gets crashed every 12-24 and different hours, No error , we checked with KVM there is no Video , checked all logs not a single strange error, this crashes sometimes ended in failture in our Raid 10 arrays which was fixed with a FCSK ,

As i said this is currently taking down our business and we have spent thousdans hiring techs, getting KVM setup , changing servers and etc etc but Still same problems, I have just mailed Openvz support to see if i can get any help there, Also there is NO High load on the servers when they crash , i have been watching ssh Top on them several times when they crashed ... normal load 1-3 which was nothing for a Dual Xeon .. 0 WA and etc!

EDIT : Yes we have upgraded the kernels 2 Days ago , but 3 crashes since then

Please guys any help would be highly apperciated,
Thank you,

Subject: Re: 4Servers crashes no video , no error , Please help!
Posted by rickb on Sat, 28 Apr 2007 06:05:46 GMT
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Hello.

Does hypervm give you a modified kernel to operate? If so, what are the changes?

Exactly what kernel version are you running?

Have you set up netconsole to catch and panic messages before the system goes completely asleep?

Do the servers crash randomly or only under high load? Is any load necessary to crash the server?

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Subject: Re: 4Servers crashes no video , no error , Please help!
Posted by Vasily Tarasov on Sat, 28 Apr 2007 06:55:28 GMT
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Hello,

what kernel version do you use?

Thanks,
Vasily.

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Subject: Re: 4Servers crashes no video , no error , Please help!
Posted by Navid on Mon, 30 Apr 2007 22:39:16 GMT
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Hello there,

We just had another crash today Getting out of control!

> Does hypervm give you a modified kernel to operate? If so, what are the changes?

No hypervm doesnt,

> Exactly what kernel version are you running?

Right now we are running 2.6.9-023stab043.2-smp on all servers

> Have you set up netconsole to catch and panic messages before the system goes completely asleep?

Yes and no errors at all , nothing!

> Do the servers crash randomly or only under high load? Is any load necessary to crash the server?

They do crash rondomly but i feel when they are under a bit of load it happens more often, again i was watching one the other day , load under 2 , nothing for a dual xeon no high process nothing and it just crashed!

Will apperciate any help,
Thank you,

Subject: Re: 4Servers crashes no video , no error , Please help!
Posted by whatever on Tue, 01 May 2007 06:22:05 GMT
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Have you checked the servers Beancounters?
Is there any hardware conflict?
If you think it's about load then how many vps are you running and are they allowed to brust 100% of limited %?

Thanks

Subject: Re: 4Servers crashes no video , no error , Please help!
Posted by dev on Tue, 01 May 2007 17:57:10 GMT
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First, you need to define what "Crash" means in your case.
Is node pingable?
Is there anything on local screen?
Does it show something if to press Alt-SysRq-P and Alt-SysRq-T? (if it prints debug info when you press these keys, then please post it here).

In order to be able to resolve the issue your assistance is required. You need to setup serial or net console and collect the required info (see above).