Subject: I/O Error
Posted by sspt on Fri, 11 May 2007 08:45:24 GMT
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Hello,
I had a I/O error this morning affecting a node and randomly some VEs.

In Host System
[root@laxvps ~]# ls -ls
ls > ls: reading directory .: Input/output error

Inside VEs
Sometimes everything works fine and sometimes get the same HN error

I have checked user_beancounters and there are no errors

Subject: Re: I/O Error
Posted by rickb on Fri, 11 May 2007 11:43:38 GMT
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This is a storage layer problem from my experience. what does dmesg say?

Subject: Re: I/O Error
Posted by sspt on Wed, 06 Jun 2007 00:22:01 GMT
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About one month later, with a new HDD it happened again, in the same conditions.

When i was compiling some stuff and the node load average goes up to 100, it start giving me errors.

laxvps kernel: journal commit I/O error

[root@laxvps ~]# dmesg -a | less
-bash: /bin/dmesg: Input/output error
Segmentation fault

Is there any way to check if the problem is related with my node/ve I/O prios?

Subject: Re: I/O Error
Posted by kingneutron on Wed, 06 Jun 2007 03:52:05 GMT

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What filesystem are you using on host / VE?

Subject: Re: I/O Error
Posted by rickb on Wed, 06 Jun 2007 10:11:51 GMT
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Its a storage layer problem and not isolated/due to a VE. I would set up netconsole (check wiki), and you can view your server's dmesg output even after the problem occurs.

What is happening is the system cannot even read the dmesg binary. If your kernel is exporting its ring buffer over the network, I think you can see whats going on. Likely, you will see some error on /dev/hdX, /dev/sdX, etc.

When the problem occurs, you have no choice but to reboot the node, correct? Are there any messages on the local console?

Subject: Re: I/O Error
Posted by Vasily Tarasov on Wed, 06 Jun 2007 11:16:59 GMT
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The problem can be not in HDD, but in controller, that is on your motherboard. Anyway, you have to setup remote console (http://wiki.openvz.org/Remote_console_setup) and gather kernel messages...

Vasily.

Subject: Re: I/O Error
Posted by sspt on Wed, 06 Jun 2007 12:43:50 GMT
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I'll setup the netconsole now, but it really seems to be with the controller.

When it happens:
1 - laxvps kernel: journal commit I/O error
2 - FS(Ext3) - read-only
3 - Some files are accessible, others don't
? ?--------- 1 ? ? ? Feb 24 01:11 install.log