Subject: kernel crash when copying large files to mounted windows share
Posted by slonghurst on Tue, 13 Nov 2007 16:15:39 GMT
 View Forum Message <> Reply to Message

I have been trying to put into effect a backup solution for our virtual environments. I currently just backup the /home directory and other configuration files like httpd.conf etc. I have a two step process

1) cycle through the private folder and for each venode backup the files
2) once all of these are done Copy files to a mounted windows drive.

The reason for this is i cannot find a veritas linux agent that works, so i copy the files to a file share on my windows network to be backuped up by veritas.

i am finding a major problem though when copying the files to the windows share, for some reason I get a kernel crash when copying the files. Though i cannot find any thing in my logs to ascertain why this would happen.

Does anyone know if this is a known problem? or how i turn on jkernel logging? I am guessing in the /etc/syslog.conf file i add something like

kern.* /var/log/kern_messages

Is there any other logging i should be looking into regarding the openvz or that you can think would help? I think once logging is turned on I can replicate this issue pretty much everytime.

Regards

Shaun

Subject: Re: kernel crash when copying large files to mounted windows share
Posted by khorenko on Wed, 14 Nov 2007 13:34:27 GMT
View Forum Message <> Reply to Message

Hello Shaun,

we can say something about the issue only after we have some more particular description:
1) kernel version on your system, if you compiled it yourself, then the kernel config.
2) how do you mount the windows share (exact command or some config files (/etc/fstab?), output of 'mount', 'cat /proc/mounts' commands)
3) logs, oops itself if any.
Kernel logging is enabled by default, messages are being saved in /var/log/messages, so check it please, if there are any abnormal messages.

/etc/syslog.conf
...
Log anything (except mail) of level info or higher.

Don't log private authentication messages!
*.info;mail.none;authpriv.none;cron.none   /var/log/messages
...

But if case of a crash (oops), the message about the oops can miss /var/log/messages, it happens quite often. A serial console will help you to collect the complete logs.
http://wiki.openvz.org/Remote_console_setup

The netconsole is less reliable but also helps quite often.

One more useful thing you can do - increasing the logging level by adding "kernel.printk = 8 4 1 8" string to the /etc/sysctl.conf.

Hope all this helps you to get the logs of the oops.

--
Best regards,
Konstantin.

Subject: Re: kernel crash when copying large files to mounted windows share
Posted by slonghurst on Wed, 27 Feb 2008 14:18:15 GMT
View Forum Message <> Reply to Message

sorry for the late reply

I have not seen this issue for sometime now after implementing the extra logging. If it ever happens again hopefully i will get some more info

Thanks

Subject: Re: kernel crash when copying large files to mounted windows share
Posted by khorenko on Wed, 27 Feb 2008 14:27:59 GMT
View Forum Message <> Reply to Message

Shaun,

thank you for the notification!
We'll wait for the info, but hope you won't face any bugs and your system will work stable.

--

Best regards,
Konstantin.