Subject: kernel errors in syslog
Posted by barf on Thu, 05 Jul 2007 03:29:41 GMT
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Hello everyone,
I'm frequently seeing errors in the logs upon VE start and during a heavy I/O (cp /something /somwhere on HN) I had a lockup and kernel panic but did not have a serial console attached to catch the panic message sorry.

Is this a bug? I found http://bugzilla.openvz.org/show_bug.cgi?id=470 with similar problem but it says the bug is fixed(?)

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some other info:
server01:~# uname -a
Linux server01 2.6.18-028stab035.1-ovz #1 Wed Jun 13 21:25:54 CEST 2007 i686 GNU/Linux
server01:~# cat /proc/version
Linux version 2.6.18-028stab035.1-ovz (tsd@debian.systs.org) (gcc version 4.1.2 20061115

(prerelease) (Debian 4.1.1-21)) #1 Wed Jun 13 21:25:54 CEST 2007

using debian etch with packages from systs.org - are the CentOS kernels more stable?

Thanks,
Stuart.

Subject: Re: kernel errors in syslog
Posted by Thorsten Schifferdeck on Thu, 05 Jul 2007 05:36:46 GMT
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Hi Stuart,

Stuart MacIntosh schrieb:
> Hello everyone,
> I'm frequently seeing errors in the logs upon VE start and during a
> heavy I/O (cp /something /somwhere on HN) I had a lockup and kernel
> panic but did not have a serial console attached to catch the panic
> message sorry.

What shows 'cat /proc/sys/kernel/ve_allow_kthreads' ?

>
> Is this a bug? I found http://bugzilla.openvz.org/show_bug.cgi?id=470
> with similar problem but it says the bug is fixed(?)
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Regards,
Thorsten Schifferdecker

Subject: Re: kernel errors in syslog
Posted by dev on Thu, 05 Jul 2007 08:11:14 GMT
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Stuart,

it looks like you are using NFS inside VE,
so kthreads should be allowed via:
echo 1 > /proc/sys/kernel/ve_allow_kthreads

and these call traces will go away.

If you experience a lockup again, please press Alt-SysRq-P multiple times
and Alt-SysRq-T and provide the output
(it can be collected e.g. via net or serial console)

Thanks,
Kirill

Stuart MacIntosh wrote:
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>>Jul 6 03:05:23 server01 kernel: [<c018b058>] sys_mount+0x98/0xe0
>>Jul 6 03:05:23 server01 kernel: [<c0103083>] syscall_call+0x7/0xb
>>Jul 6 03:05:23 server01 kernel: lockd_up: create thread failed, error=-1
>>
>>
>
>
> some other info:
> server01:~# uname -a
> Linux server01 2.6.18-028stab035.1-ovz #1 Wed Jun 13 21:25:54 CEST 2007 i686 GNU/Linux
> server01:~# cat /proc/version
> Linux version 2.6.18-028stab035.1-ovz (tsd@debian.systs.org) (gcc version 4.1.2 20061115
(prerelease) (Debian 4.1.1-21)) #1 Wed Jun 13 21:25:54 CEST 2007
>
> using debian etch with packages from systs.org - are the CentOS kernels more stable?
>
> Thanks,
> Stuart.
>

Subject: Re: kernel errors in syslog
Posted by kir on Fri, 06 Jul 2007 21:08:00 GMT
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Kirill Korotaev wrote:
> Stuart,
>
> it looks like you are using NFS inside VE,
> so kthreads should be allowed via:
> # echo 1 > /proc/sys/kernel/ve_allow_kthreads
>
Our wiki (http://wiki.openvz.org/NFS) says it's only required for 2.6.9.
Kirill, do I need to change that?
> and these call traces will go away.
>
> If you experience a lockup again, please press Alt-SysRq-P multiple times
> and Alt-SysRq-T and provide the output
> (it can be collected e.g. via net or serial console)
>
Right, you can try using netconsole, its setup is described here:
http://wiki.openvz.org/Remote_console_setup#Netconsole
> Thanks,
> Kirill
>
> Stuart MacIntosh wrote:
>
>> Hello everyone,
>> I'm frequently seeing errors in the logs upon VE start and during a
>> heavy I/O (cp /something /somwhere on HN) I had a lockup and kernel
>> panic but did not have a serial console attached to catch the panic
>> message sorry.
>>
>> Is this a bug? I found http://bugzilla.openvz.org/show_bug.cgi?id=470
>> with similar problem but it says the bug is fixed(?)
>>
>> the errors look like this:
>>
>>
>>> Jul 6 02:20:09 server01 kernel: lockd_down: no lockd running.
>>> Jul 6 02:20:11 server01 kernel: VE: 104: stopped
>>> Jul 6 02:20:12 server01 kernel: VE: 104: started
>>> Jul 6 02:20:26 server01 kernel: kernel_thread call inside VE
>>> Jul 6 02:20:26 server01 kernel: [<c0101569>] kernel_thread+0xc9/0xd0
>>> Jul 6 02:20:26 server01 kernel: [<c01505ec>] __alloc_pages+0x2ac/0x370
>>> Jul 6 02:20:26 server01 kernel: [<f8ea3080>] svc_create_thread+0x130/0x160 [sunrpc]
>>> Jul 6 02:20:26 server01 kernel: [<f8e89500>] lockd+0x0/0x360 [lockd]
>>> Jul 6 02:20:26 server01 kernel: [<f8e892dc>] lockd_up+0xfc/0x190 [lockd]
>>> Jul 6 02:20:26 server01 kernel: [<f8e89500>] lockd+0x0/0x360 [lockd]
>>> Jul 6 02:20:26 server01 kernel: [<f8f05ff3>] nfs_get_sb+0x513/0x7f0 [nfs]

>>> Jul 6 02:20:26 server01 kernel: [<f8f04c00>] nfs_compare_super+0x0/0x80 [nfs]
>>> Jul 6 02:20:26 server01 kernel: [<f8f04be0>] nfs_set_super+0x0/0x20 [nfs]
>>> Jul 6 02:20:26 server01 kernel: [<c0172b4c>] vfs_kern_mount+0x4c/0xa0
>>> Jul 6 02:20:26 server01 kernel: [<c0172c12>] do_kern_mount+0x42/0x60
>>> Jul 6 02:20:26 server01 kernel: [<c018aa8d>] do_mount+0x26d/0x7a0
>>> Jul 6 02:20:26 server01 kernel: [<c013842a>] ub_slab_charge+0x7a/0x140
>>> Jul 6 02:20:26 server01 kernel: [<c03fc6b6>] inet_csk_get_port+0x136/0x280
>>> Jul 6 02:20:26 server01 kernel: [<c041ccd9>] inet_bind+0xd9/0x210
>>> Jul 6 02:20:26 server01 kernel: [<c013c1ef>] pb_free+0x1f/0x30
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>>> Jul 6 02:20:26 server01 kernel: lockd_up: create thread failed, error=-1
>>> Jul 6 02:43:29 server01 -- MARK --
>>> Jul 6 03:02:43 server01 kernel: VE: 104: stopped
>>> Jul 6 03:02:43 server01 kernel: VE: 104: started
>>> Jul 6 03:03:13 server01 kernel: kernel_thread call inside VE
>>> Jul 6 03:03:13 server01 kernel: [<c0101569>] kernel_thread+0xc9/0xd0
>>> Jul 6 03:03:13 server01 kernel: [<c01505ec>] __alloc_pages+0x2ac/0x370
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