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Subject: Another kernel panic, Debian AMD64 with Supermicro hardware

Posted by [jarcher](#) on Mon, 12 Nov 2007 17:39:20 GMT

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Hi All...

I thought this issue was resolved with the last kernel upgrade I did, but this morning at about 6:25AM Eastern (I think) one of my OpenVZ machines experienced a kernel panic.

The kernel is:

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actual:/var/log# uname -a
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Linux actual.registrationtek.com 2.6.18-openvz-13-39.1d1-amd64 #1 SMP Sat  
Sep 29 15:02:55 MSD 2007 x86_64 GNU/Linux
```

This is Debian Etch AMD64 running on Supermicro hardware.

The messages log is not much help. I rebooted at about noon:

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Nov 12 05:43:37 actual -- MARK --
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started.
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Same for syslog. Here are the last few lines:

syslog.0:

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(/home/jim/check-vps-wrapper.sh)
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Nov 12 06:10:01 actual /USR/SBIN/CRON[30763]: (root) CMD  
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Nov 12 06:17:01 actual /USR/SBIN/CRON[31420]: (root) CMD ( cd / &&
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---

Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
Posted by [jarcher](#) on Mon, 12 Nov 2007 17:44:37 GMT  
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---

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Kernel panic - not syncing: Aiee, killing intrrupt handler!
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wrote:

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Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
Posted by [Thorsten Schifferdeck](#) on Thu, 15 Nov 2007 07:15:28 GMT  
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---

Hi Jim,

can you poste more info, or can it be solved by installing a new kernel,  
maybe this thread helps (->  
<http://forum.openvz.org/index.php?t=msg&th=4186&start=0&> )

Bye,  
Thorsten

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---

Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
Posted by [jarcher](#) on Fri, 16 Nov 2007 07:43:41 GMT  
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---

Hi Thorsten,

Well this is the most recent kernel available from this link:

<http://download.openvz.org/kernel/debian/etch/>

I use these because they include the iSCSI daemon which I need to talk to my SAN box. Is there a newer kernel available and if so, where do I get it?

Thanks...

--On Thursday, November 15, 2007 8:15 AM +0100 Thorsten Schifferdecker <[tsd@debian.systs.org](mailto:tsd@debian.systs.org)> wrote:

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> Hi Jim,
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Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
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I've built some debian kernel images, see  
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There's the modules built as module like, the original Debian Kernel.

Hope this helps,  
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Thorsten Schifferdecker
email ts@sysfs.org
phone +49 (0) 911 50 63 69 82

```

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Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware

Posted by [efball](#) on Fri, 16 Nov 2007 13:43:01 GMT

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---

Use the kernel at

<http://debian.systs.org/opencvz/166/new-opencvz-flavour-added-fzakernel-version-028stab481/> that Thorsten recommends, it's been working well for me. The last few kernels at [download.openvz.org](http://download.openvz.org) have serious problems.

E Frank Ball

[efball@efball.com](mailto:efball@efball.com)

On Fri, Nov 16, 2007 at 09:20:28AM -0000, Thorsten Schifferdecker wrote:

> Hi Jim,

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E Frank Ball                    efball@efball.com

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Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
Posted by [jarcher](#) on Fri, 16 Nov 2007 18:59:51 GMT  
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Thanks Thorsten and Frank, I'll give those a try this weekend.

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> > >  
> > >  
> > >  
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> Schifferdecker > > <tsd@debian.systs.org> wrote:  
> > >  
> > >> Hi Jim,  
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> > >> can you poste more info, or can it be solved by installing a new  
> kernel, > >> maybe this thread helps (->  
> > >> <http://forum.openvz.org/index.php?t=msg&th=4186&start=0&> )  
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>  
> --  
>  
> E Frank Ball                    efball@efball.com

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Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
Posted by [jarcher](#) on Fri, 16 Nov 2007 20:56:02 GMT  
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---

I have been installing kernels from the openvz download page using dpkg directly. If I install a kernel package from systs will that screw anything up?

--On Friday, November 16, 2007 9:20 AM +0000 Thorsten Schifferdecker <tsd@debian.systs.org> wrote:

> Hi Jim,  
>  
> you need the iscsi kernel modules like iscsi\_tcp, libiscsi and  
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> I've built some debian kernel images, see  
> [http://debian.systs.org/opencvz/166/new-opencvz-flavour-added-fzakernel-ver  
> sion-028stab481/](http://debian.systs.org/opencvz/166/new-opencvz-flavour-added-fzakernel-version-028stab481/)  
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> There's the modules built as module like, the original Debian Kernel.  
>  
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>> Hi Thorsten,  
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>>  
>> <http://download.openvz.org/kernel/debian/etch/>  
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>>>> Kernel panic - not syncing: Aiee, killing intrrupt handler!  
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```
>>>>
>>>> --On Monday, November 12, 2007 12:39 PM -0500 Jim Archer
>>>> <jim@archer.net> wrote:
>>>>
>>>>> Hi All...
>>>>>
>>>>> I thought this issue was resolved with the last kernel upgrade I did,
>>>>> but this morning at about 6:25AM Eastern (I think) one of my OpenVZ
>>>>> machines experienced a kernel panic.
>>>>>
>>>>> The kernel is:
>>>>>
>>>>> actual:/var/log# uname -a
>>>>> Linux actual.registrationtek.com 2.6.18-openvz-13-39.1d1-amd64 #1 SMP
>>>>> Sat Sep 29 15:02:55 MSD 2007 x86_64 GNU/Linux
>>>>>
>>>>> This is Debian Etch AMD64 running on Supermicro hardware.
>>>>>
>>>>> The messages log is not much help. I rebooted at about noon:
>>>>>
>>>>> Nov 12 05:43:37 actual -- MARK --
>>>>> Nov 12 06:03:37 actual -- MARK --
>>>>> Nov 12 06:23:37 actual -- MARK --
>>>>> Nov 12 06:27:29 actual syslogd 1.4.1#18: restart.
>>>>> Nov 12 12:00:44 actual syslogd 1.4.1#18: restart.
>>>>> Nov 12 12:00:44 actual kernel: klogd 1.4.1#18, log source = /proc/kmsg
>>>>> started.
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>>>>> .
>>>>> .
>>>>>
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>>>>> Same for syslog. Here are the last few lines:
>>>>>
>>>>>
>>>>> syslog.0:
>>>>>
>>>>> Nov 12 06:10:01 actual /USR/SBIN/CRON[30765]: (root) CMD
>>>>> (/home/jim/check-vps-wrapper.sh)
>>>>> Nov 12 06:10:01 actual /USR/SBIN/CRON[30763]: (root) CMD
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>>>>> Nov 12 06:10:01 actual /USR/SBIN/CRON[30761]: (root) CMD
>>>>> (/usr/share/vzctl/scripts/vpsreboot)
>>>>> Nov 12 06:15:01 actual /USR/SBIN/CRON[31270]: (root) CMD
>>>>> (/usr/share/vzctl/scripts/vpsreboot)
>>>>> Nov 12 06:15:01 actual /USR/SBIN/CRON[31272]: (root) CMD
>>>>> (/usr/share/vzctl/scripts/vpsnetclean)
>>>>> Nov 12 06:17:01 actual /USR/SBIN/CRON[31420]: (root) CMD ( cd / &&
```

```
>>>> run-parts --report /etc/cron.hourly)
>>>> Nov 12 06:20:01 actual /USR/SBIN/CRON[31566]: (root) CMD
>>>> (/usr/share/vzctl/scripts/vpsreboot)
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>>>> (/usr/share/vzctl/scripts/vpsnetclean)
>>>> Nov 12 06:20:01 actual /USR/SBIN/CRON[31570]: (root) CMD
>>>> (/home/jim/check-vps-wrapper.sh)
>>>> Nov 12 06:25:01 actual /USR/SBIN/CRON[409]: (root) CMD (test -x
>>>> /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.daily ))
>>>> Nov 12 06:25:01 actual /USR/SBIN/CRON[411]: (root) CMD
>>>> (/usr/share/vzctl/scripts/vpsreboot)
>>>> Nov 12 06:25:01 actual /USR/SBIN/CRON[417]: (root) CMD
>>>> (/usr/share/vzctl/scripts/vpsnetclean)
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>>>> started.
>>>> Nov 12 12:00:44 actual kernel: Bootdata ok (command line is
>>>> root=/dev/mapper/VG--RAID-LV1 ro )
> --
> Thorsten Schifferdecker
> email ts@systs.org
> phone +49 (0) 911 50 63 69 82
>
```

---

Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
Posted by [efball](#) on Fri, 16 Nov 2007 21:46:05 GMT

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On Fri, Nov 16, 2007 at 03:56:02PM -0500, Jim Archer wrote:  
> I have been installing kernels from the openvz download page using dpkg  
> directly. If I install a kernel package from systs will that screw  
> anything up?

No problem with changing the kernel.

I had a old version of vzctl (debian etch version 3.0.11) and I had to  
make some sym-links manually in /etc/vz/names/ when I updated to vzctl  
3.0.18, but no other compatibility problems.

--

E Frank Ball

efball@efball.com

---



Subject: Re: Another kernel panic, Debian AMD64 with Supermicro hardware  
Posted by [jarcher](#) on Sun, 18 Nov 2007 23:51:04 GMT  
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---

After another kernel panic Sunday, I decided to do this a little earlier than planned.

I did:

```
# aptitude install fzakernel-2.6.18-amd64
```

And it seemed to go okay. The package manager did not change the default bootable kernel in menu.lst, but that may be deliberate. I am now running:

```
actual:~# uname -a  
Linux actual.registrationtek.com 2.6.18-fza-5-amd64 #1 SMP Thu Nov 1  
16:15:07 UTC 2007 x86_64 GNU/Linux
```

It came up with iSCSI working fine and is running now. It also seems to see all 8GB of RAM I have installed.

Am I correct in assuming from the uname output that this kernel was built on Nov 1st? I always get confused trying to figure which kernel image is the latest based upon the naming conventions.

Thanks!

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