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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!

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

> Hi Jim,

>

> you need the iscsi kernel modules like iscsi\_tcp, libiscsi and

> scsi\_transport\_iscsi ?

>

> I've built some debian kernel images, see

> [http://debian.systs.org/openvz/166/new-openvz-flavour-added-fzakernel-ver  
> sion-028stab481/](http://debian.systs.org/openvz/166/new-openvz-flavour-added-fzakernel-version-028stab481/)

>

> There's the modules built as module like, the original Debian Kernel.

>

> Hope this helps,

> Thorsten

>

> Am Fr, 16.11.2007, 07:43, schrieb Jim Archer:

>> 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> wrote:  
>>  
>>> 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  
>>>  
>>> Jim Archer wrote:  
>>>> Oh, and the last message on the console was:  
>>>>  
>>>> Kernel panic - not syncing: Aiee, killing intrrupt handler!  
>>>>  
>>>>  
>>>> --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.
>>>>> .
>>>>> .
>>>>> .
>>>>>
>>>>>
>>>>> 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
>>>>> (/usr/share/vzctl/scripts/vpsnetclean)
>>>>> 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)
>>>>> Nov 12 06:20:01 actual /USR/SBIN/CRON[31568]: (root) CMD
>>>>> (/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)
>>>>>
>>>>> syslog:
>>>>>
```

```
>>>>> 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.
>>>>> 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
>
```

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