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Subject: Kernel Panic OpenVZ install failed No module it8213

Posted by [whatever](#) on Sun, 20 Apr 2008 06:18:25 GMT

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Trying to install openvz and got this error.

Transaction Test Succeeded

Running Transaction

Installing: ovzkernel ##### [ 1/21]

WARNING: No module it8213 found for kernel 2.6.18-53.1.13.el5.028stab053.10, continuing anyway

error: %post(ovzkernel-2.6.18-53.1.13.el5.028stab053.10.i686) scriptlet failed, signal 2

Thanks

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Subject: Re: OpenVZ install failed No module it8213

Posted by [whatever](#) on Sun, 20 Apr 2008 06:56:02 GMT

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when reboot the server there is kernel panic.

I have attached the screenshot of kernel panic.

Thanks

#### File Attachments

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1) [PRD-657285.png](#), downloaded 295 times

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Subject: Kernel Panic OpenVZ install failed No module it8213

Posted by [whatever](#) on Mon, 21 Apr 2008 04:23:50 GMT

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We are running core2quad/8gig ram with centos 5.x

Installed the enterprise kernel for more then 4gig support.

```
#yum install ovzkernel-enterpise
```

But when I rebooted it never came up. So we booted with standard openvz kernel and its up now.

```
#uname -a
```

```
Linux localhost 2.6.18-53.1.6.el5.028stab053.6 #1 SMP Mon Feb 11 20:14:28 MSK 2008 i686  
i686 i386 GNU/Linux
```

But now it's showing only 4gig

```
[root@localhost ~]# free -m
```

	total	used	free	shared	buffers	cached
Mem:	3285	606	2678	0	53	410
-/+ buffers/cache:		142	3142			
Swap:	16002	0	16002			

This is the Grub.conf

```
Default=0
timeout=5
splashimage=(hd0,0)/grub/splash.xpm.gz
hiddenmenu
title CentOS (2.6.18-53.1.13.el5.028stab053.10PAE)
    root (hd0,0)
    kernel /vmlinuz-2.6.18-53.1.13.el5.028stab053.10PAE ro root=LABEL=/
    initrd /initrd-2.6.18-53.1.13.el5.028stab053.10PAE.img
title CentOS (2.6.18-53.1.6.el5.028stab053.6)
    root (hd0,0)
    kernel /vmlinuz-2.6.18-53.1.6.el5.028stab053.6 ro root=LABEL=/
    initrd /initrd-2.6.18-53.1.6.el5.028stab053.6.img
title CentOS (2.6.18-53.el5PAE)
    root (hd0,0)
    kernel /vmlinuz-2.6.18-53.el5PAE ro root=LABEL=/
    initrd /initrd-2.6.18-53.el5PAE.img
```

Why server goes down when we boot PAE kernel.  
Any suggestions how can we load the PAE kernel and make it work?  
Thanks

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213  
Posted by [maratrus](#) on Mon, 21 Apr 2008 11:46:11 GMT  
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Hello,

1. Did you install 2.6.18-53.1.6.el5.028stab053.6 kernel via rpm?  
If not could you possibly show us config file for this kernel? Did you get the same error with this kernel? I mean "No module it8213 found".

2. Could you possibly test your memory with memtest86+ if it is possible.  
[http://wiki.openvz.org/Hardware\\_testing](http://wiki.openvz.org/Hardware_testing)

Thank You!

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [maratrus](#) on Mon, 21 Apr 2008 11:51:06 GMT

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Hello,

some more questions, please.

1. have you got any messages from the PAE 028stab53.10 kernel during it's boot time? Does it never boot?
2. ovzkernel-2.6.18-53.1.13.el5.028stab053.10.i686 boots normally but from time to time there is kernel panic.

Could you possibly provide us with more information may be via serial console or netconsole.

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [whatever](#) on Mon, 21 Apr 2008 12:03:58 GMT

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I installed kernel using yum.

After I installed PAE kernel and modified grub.conf bootloader option. It never comes up. Now it gives kernel panic. I have attached file for kernel panic.

PAE kernel never comes up. I can try asking datacenter to load the kernel with standard ovzkernel.

Do you want me to send you SSH login?

maratrus wrote on Mon, 21 April 2008 07:51Hello,

some more questions, please.

1. have you got any messages from the PAE 028stab53.10 kernel during it's boot time? Does it never boot?
2. ovzkernel-2.6.18-53.1.13.el5.028stab053.10.i686 boots normally but from time to time there is kernel panic.

Could you possibly provide us with more information may be via serial console or netconsole.

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [maratrus](#) on Mon, 21 Apr 2008 12:32:23 GMT

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Hello,

Quote:I installed kernel using yum.

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After I installed PAE kernel and modified grub.conf bootloader option. It never comes up. Now it gives kernel panic. I have attached file for kernel panic.  
PAE kernel never comes up. I can try asking datacenter to load the kernel with standard ovzkernel.

I'm sorry but I didn't catch you.

1. Did you try to install only PAE kernel? What kernels and how did you try to install it (the exact versions, please)?

2. What does it mean?

Quote:It never comes up. Now it gives kernel panic.

Does it give kernel panic during the boot time?

3. You didn't answer the following question.

Quote: Did you get the same error with 2.6.18-53.1.6.el5.028stab053.6 kernel? I mean "No module it8213 found"

4. Could you possibly test your memory with memtest86+ if it is possible.

Quote:Do you want me to send you SSH login?

Yes, if it is possible.

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [whatever](#) on Mon, 21 Apr 2008 12:38:14 GMT

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1. yum install vzkernel-enterprise

2. Server did not boot after I modified the boot sequence

3. Yes I got same error of kernel panic in both the kernel.

4. Can memtest be run from ssh or I have to make bootable iso?

5. Please provide me your email id or any other way to send you the login details.

This is second time I got kernel panic. I got this panic 2 months before also and I was told it's listed in bugzilla.

Thanks

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [maratrus](#) on Mon, 21 Apr 2008 13:03:41 GMT

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Hi,

Quote:1. yum install vzkernel-enterprise

1. Ok

Quote:2. Server did not boot after I modified the boot sequence

2. How did you modify boot sequence?

Quote:3. Yes I got same error of kernel panic in both the kernel.

3. I meant "No module it8213 found" error

Quote:4. Can memtest be run from ssh or I have to make bootable iso?

[http://wiki.openvz.org/Hardware\\_testing](http://wiki.openvz.org/Hardware_testing)

Quote: Usage

To test your system for faulty RAM, install either memtest and reboot into it. Run it for at least a few hours (at least 2-3 iterations). If there will be even a single error reported, you have to change your RAM chips (or, if your system is overclocked, downclock it to normal speed).

Quote: This is second time I got kernel panic. I got this panic 2 months before also and I was told it's listed in bugzilla.

You'd better provide developers with more information in bugzilla ticket if you've faced with this problem another time. Please do it!!!

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [whatever](#) on Mon, 21 Apr 2008 13:41:05 GMT

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Hello

After installing the kernel I edited /etc/grub.conf

Set PAE as default booting kernel.

Yes No module it8213 found error was in both standard and enterprise ovzkernel.

The bugzilla and last thread is

[http://bugzilla.openvz.org/show\\_bug.cgi?id=844](http://bugzilla.openvz.org/show_bug.cgi?id=844)

<http://forum.openvz.org/index.php?t=msg&th=5630&>

I have one server up and running somehow. If you want to have access for it to test these bugs let me know how to send the logins.

Thanks

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [maratrus](#) on Mon, 21 Apr 2008 14:11:20 GMT

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Hi,

1. Please try to pass memtest86+. It might be important.
2. If you have the same situation like it was 2 month ago, you should fill your bugzilla ticket it also might be very helpful.
3. Try to show us the full kernel panic message. I think that pictures are not sufficient. Some information are still beyond us.
4. To be more honest you can compile your own kernel (RHEL5 based) with PATA\_IT8213 module enable.

<http://wiki.openvz.org/Download/kernel/rhel5/028stab053.10>  
<http://download.openvz.org/kernel/branches/rhel5-2.6.18/028stab053.10/ovzkernel-2.6.18-53.1.13.el5.028stab053.10.src.rpm>  
<http://download.openvz.org/kernel/branches/rhel5-2.6.18/028stab053.10/configs/kernel-2.6.18-i686-PAE.config.ovz>

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Subject: Re: Kernel Panic OpenVZ install failed No module it8213

Posted by [whatever](#) on Mon, 21 Apr 2008 14:24:16 GMT

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We rebooted the server with PAE and I don't know how come server is booted to PAE kernel this time.

STRANGE!!!!!!

I can see 8gig RAM in server. So I believe now memtest is not needed.

I will post in bugzilla this error.

How can I show you kernel panic? I believe I have taken screenshot all the time it caused error. What is the specific info you looking for let me know.

Let me know if you want me to post some info as server is up now maybe that could help you guys to find a fix for it.

Thanks

maratrus wrote on Mon, 21 April 2008 10:11Hi,

1. Please try to pass memtest86+. It might be important.
2. If you have the same situation like it was 2 month ago, you should fill your bugzilla ticket it also might be very helpful.
3. Try to show us the full kernel panic message. I think that pictures are not sufficient. Some information are still beyond us.
4. To be more honest you can compile your own kernel (RHEL5 based) with PATA\_IT8213

module enable.

<http://wiki.openvz.org/Download/kernel/rhel5/028stab053.10>

<http://download.openvz.org/kernel/branches/rhel5-2.6.18/028stab053.10/ovzkernel-2.6.18-53.1.13.el5.028stab053.10.src.rpm>

<http://download.openvz.org/kernel/branches/rhel5-2.6.18/028stab053.10/configs/kernel-2.6.18-i686-PAE.config.ovz>

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