
Subject: System halts with "No block devices found"
Posted by [zenny](#) on Thu, 15 Mar 2007 10:39:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

I installed sidux (because the etch didn't recognize the SATA HDD) and then upgraded to the etch after changing the sources.list. Then I installed the openvz. But now when I try to boot to the ovz kernel then it halts at this stage (very beginning):

```
Loading, please wait.  
ACPI: Getting cpuindex for acpiid 0x2  
ACPI: Getting cpuindex for acpiid 0x3  
no block devices found
```

Thereafter I tried to boot with the kernel parameters noapic nolapic acpi=off and it gave the problems pointing to the fan and thermel.mo and halts with the same last line i.e. no block devices found.

Could anyone help me where did I do wrong? I followed the tutorial for etch and installed precompiled kernel for the official repository.

--

Updates:

I have tried with noapic nolapic acpi=off apm=off, but still it halts at the same point as above.

Subject: Re: System halts with "No block devices found"
Posted by [Vasily Tarasov](#) on Thu, 15 Mar 2007 12:30:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

Can you, please, boot sidux and perform ``lspci`` and ``lspci -n`` commands there. Then post the output of these commands here. Also, I'd like to know precise OpenVZ kernel version you're using.

Thank you,
Vasily.

Subject: Re: System halts with "No block devices found"
Posted by [zenny](#) on Thu, 15 Mar 2007 12:45:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

Sending the information as you asked for:

```
$ lspci  
00:00.0 Host bridge: VIA Technologies, Inc. P4M890 Host Bridge
```

00:00.1 Host bridge: VIA Technologies, Inc. P4M890 Host Bridge
 00:00.2 Host bridge: VIA Technologies, Inc. P4M890 Host Bridge
 00:00.3 Host bridge: VIA Technologies, Inc. P4M890 Host Bridge
 00:00.4 Host bridge: VIA Technologies, Inc. P4M890 Host Bridge
 00:00.5 PIC: VIA Technologies, Inc. P4M890 I/O APIC Interrupt Controller
 00:00.6 Host bridge: VIA Technologies, Inc. P4M890 Security Device
 00:00.7 Host bridge: VIA Technologies, Inc. P4M890 Host Bridge
 00:01.0 PCI bridge: VIA Technologies, Inc. [K8T890 North / VT8237 South] PCI Bridge
 00:02.0 PCI bridge: VIA Technologies, Inc. P4M890 PCI to PCI Bridge Controller
 00:03.0 PCI bridge: VIA Technologies, Inc. P4M890 PCI to PCI Bridge Controller
 00:0f.0 IDE interface: VIA Technologies, Inc. Unknown device 5337 (rev 80)
 00:0f.1 IDE interface: VIA Technologies, Inc. VT82C586A/B/VT82C686/A/B/VT823x/A/C PIPC
 Bus Master IDE (rev 07)
 00:10.0 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
 00:10.1 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
 00:10.2 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
 00:10.3 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
 00:10.4 USB Controller: VIA Technologies, Inc. USB 2.0 (rev 86)
 00:11.0 ISA bridge: VIA Technologies, Inc. VT8237A PCI to ISA Bridge
 00:11.7 Host bridge: VIA Technologies, Inc. VT8251 Ultra VLINK Controller
 00:12.0 Ethernet controller: VIA Technologies, Inc. VT6102 [Rhine-II] (rev 7c)
 00:13.0 PCI bridge: VIA Technologies, Inc. VT8237A Host Bridge
 00:13.1 PCI bridge: VIA Technologies, Inc. VT8237A PCI to PCI Bridge
 02:00.0 VGA compatible controller: nVidia Corporation G70 [GeForce 7600 GS] (rev a1)
 04:01.0 Audio device: VIA Technologies, Inc. VIA High Definition Audio Controller (rev 10)
 05:06.0 FireWire (IEEE 1394): VIA Technologies, Inc. IEEE 1394 Host Controller (rev c0)

\$ lspci -n

00:00.0 0600: 1106:0327
 00:00.1 0600: 1106:1327
 00:00.2 0600: 1106:2327
 00:00.3 0600: 1106:3327
 00:00.4 0600: 1106:4327
 00:00.5 0800: 1106:5327
 00:00.6 0600: 1106:6327
 00:00.7 0600: 1106:7327
 00:01.0 0604: 1106:b999
 00:02.0 0604: 1106:a327
 00:03.0 0604: 1106:c327
 00:0f.0 0101: 1106:5337 (rev 80)
 00:0f.1 0101: 1106:0571 (rev 07)
 00:10.0 0c03: 1106:3038 (rev a0)
 00:10.1 0c03: 1106:3038 (rev a0)
 00:10.2 0c03: 1106:3038 (rev a0)

00:10.3 0c03: 1106:3038 (rev a0)
00:10.4 0c03: 1106:3104 (rev 86)
00:11.0 0601: 1106:3337
00:11.7 0600: 1106:287e
00:12.0 0200: 1106:3065 (rev 7c)
00:13.0 0604: 1106:337b
00:13.1 0604: 1106:337a
02:00.0 0300: 10de:0392 (rev a1)
04:01.0 0403: 1106:3288 (rev 10)
05:06.0 0c00: 1106:3044 (rev c0)

THE LINUX IMAGE INSTALLED FROM:

linux-image-2.6.18-openvz-686_028.18-2.6.18-11-1_i386.deb

cat /proc/cpuinfo output:

```
$ cat /proc/cpuinfo
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 6
model         : 15
model name    : Intel(R) Core(TM)2 CPU          6400  @ 2.13GHz
stepping      : 6
cpu MHz       : 2128.078
cache size    : 2048 KB
physical id   : 0
siblings      : 2
core id       : 0
cpu cores     : 2
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
cpuid level   : 10
wp            : yes
flags         : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm constant_tsc pni monitor ds_cpl vmx est tm2 ssse3
cx16 xtpr lahf_lm
bogomips      : 4258.81
clflush size  : 64
```

processor : 1
vendor_id : GenuineIntel
cpu family : 6
model : 15
model name : Intel(R) Core(TM)2 CPU 6400 @ 2.13GHz
stepping : 6
cpu MHz : 2128.078
cache size : 2048 KB
physical id : 0
siblings : 2
core id : 1
cpu cores : 2
fdiv_bug : no
hlt_bug : no
f00f_bug : no
coma_bug : no
fpu : yes
fpu_exception : yes
cpuid level : 10
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm constant_tsc pni monitor ds_cpl vmx est tm2 ssse3
cx16 xtpr lahf_lm
bogomips : 4256.30
clflush size : 64

Subject: Re: System halts with "No block devices found"
Posted by [Vasily Tarasov](#) on Thu, 15 Mar 2007 14:27:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

I see, that the support of your device (some VIA SATA Controller) appeared only in 2.6.20 vanilla kernel. So 2.6.18 OpenVZ kernel doesn't support it. Note that your device is not supported even by RHEL5, that was released a day ago...
Soon we're a going to release 2.6.20 based OpenVZ kernel. It should solve your problem.
One more way: you can compile driver for your kernel manually.

Vasily

Subject: Re: System halts with "No block devices found"
Posted by [zenny](#) on Thu, 15 Mar 2007 15:10:10 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks for the info. Could you give me some pointers how to go about it? Any relevant links will be appreciated.

Subject: Re: System halts with "No block devices found"
Posted by [Vasily Tarasov](#) on Thu, 15 Mar 2007 15:25:24 GMT
[View Forum Message](#) <> [Reply to Message](#)

The only link, that takes into my head: google.com

Vasily.
