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Subject: Installing OpenVZ on openSUSE 10.2

Posted by [Stefan Werden](#) on Mon, 05 Feb 2007 17:42:11 GMT

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Hi,

I'm Running an AMD Opteron 64 Bid, 1GB Ram running openSUSE 10.2.  
Following the Quickinstall Guide and installing. I've installed the SUSE  
10 Kernel: kernel-default-2.6.16.21\_2\_ve026test016-1.x86\_64.rpm

At boot time the vz init-script failes and it could not be started  
manually.

Any ideas what can I do? Are there any informations on the website to  
check the installation?

Thank you for any help.

regards,

PS.

More Systeminfos:

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kernel (uname -a)

```
Linux dhcp123 2.6.16.21_2_ve026test016-1-default #1 Wed Jul 5 21:47:38  
MSD 2006 x86_64 x86_64 x86_64 GNU/Linux
```

Loaded modules (lsmod | grep vz)

```
vzdev          3720 0
```

/proc/cpuinfo

```
Linux dhcp123 2.6.16.21_2_ve026test016-1-default #1 Wed Jul 5 21:47:38
```

```
MSD 2006 x86_64 x86_64 x86_64 GNU/Linux
```

```
dhcp123:~ # cat /proc/cpuinfo
```

```
processor      : 0
```

```
vendor_id     : AuthenticAMD
```

```
cpu family    : 15
```

```
model        : 39
```

```
model name    : AMD Athlon(tm) 64 Processor 3700+
```

```
stepping     : 1
```

cpu MHz : 1000.000  
cache size : 1024 KB  
fpu : yes  
fpu\_exception : yes  
cpuid level : 1  
wp : yes  
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge  
mca cmov pat pse36 clflush mmx fxsr sse sse2 syscall nx mmxext fxsr\_opt  
lm 3dnowext 3dnow pni lahf\_lm  
bogomips : 2012.44  
TLB size : 1024 4K pages  
clflush size : 64  
cache\_alignment : 64  
address sizes : 40 bits physical, 48 bits virtual  
power management: ts fid vid ttp tm stc

sysctl.conf as described in Qick-Install (cat /etc/sysctl.conf)

```
# * 2/5/2007 Stefan Werden
# - changes are comment out with ##
# - included config for OpenVZ
# Disable response to broadcasts.
# You don't want yourself becoming a Smurf amplifier.
##net.ipv4.icmp_echo_ignore_broadcasts = 1
# enable route verification on all interfaces
##net.ipv4.conf.all.rp_filter = 1
# enable ipV6 forwarding
#net.ipv6.conf.all.forwarding = 1
# ---> Added for OpenVZ
# On Hardware Node we generally need
# packet forwarding enabled and proxy arp disabled
net.ipv4.ip_forward = 1
net.ipv4.conf.default.proxy_arp = 0
# Enables source route verification
net.ipv4.conf.all.rp_filter = 1
# Enables the magic-sysrq key
kernel.sysrq = 1
# TCP Explicit Congestion Notification
#net.ipv4.tcp_ecn = 0
# we do not want all our interfaces to send redirects
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
```

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—  
Dr. Stefan Werden

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Subject: Re: Installing OpenVZ on openSUSE 10.2  
Posted by [Vasily Tarasov](#) on Tue, 06 Feb 2007 07:00:21 GMT  
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Hello,

First of all, I think you shouldn't use this kernel: it's too old.  
Better use either 028test series or 023stable series.

Any way vz init script should work...  
What vzctl version do you use? Is there any additional information concerning vz init script on console except the [FAIL] message?  
If no, are you able to find out why/where it fails by inserting debug "echo" in vz init script?

HTH,  
Vasily.

Stefan Werden wrote:

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>  
>  
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```

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> vendor_id      : AuthenticAMD
> cpu family     : 15
> model          : 39
> model name     : AMD Athlon(tm) 64 Processor 3700+
> stepping       : 1
> cpu MHz        : 1000.000
> cache size     : 1024 KB
> fpu            : yes
> fpu_exception : yes
> cpuid level    : 1
> wp             : yes
> flags          : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge
> mca cmov pat pse36 clflush mmx fxsr sse sse2 syscall nx mmxext fxsr_opt
> lm 3dnowext 3dnow pni lahf_lm
> bogomips      : 2012.44
> TLB size      : 1024 4K pages
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>
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