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Subject: CONFIG\_USER\_RESOURCE missing?

Posted by [Andreas Mimz](#) on Sat, 31 Mar 2007 18:26:27 GMT

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Hello,

I've recently upgraded one of my host servers from an etch 32 bit system to a debian etch 64 bit system (same host)... I've compiled a new kernel using almost the same config like the one I had before (except for 64bit of course)...

Now, when trying to start a VPS I get this message...

VE is mounted

```
Error: kernel does not support user resources. Please, rebuild with
CONFIG_USER_RESOURCE=y
VE start failed
```

some parts of my .config:

```
# grep CONFIG_USER_RESOURCE .config
CONFIG_USER_RESOURCE=y
CONFIG_USER_RESOURCE_PROC=y
```

```
# egrep "CONFIG_V[EZ]" .config
CONFIG_VZ_QUOTA=m
# CONFIG_VZ_QUOTA_UNLOAD is not set
CONFIG_VZ_QUOTA_UGID=y
CONFIG_VE=y
CONFIG_VE_CALLS=m
CONFIG_VZ_GENCALLS=y
CONFIG_VE_NETDEV=m
CONFIG_VE_ETHDEV=m
CONFIG_VZ_DEV=m
CONFIG_VE_IPTABLES=y
CONFIG_VZ_WDOG=m
CONFIG_VZ_CHECKPOINT=m
```

I'm using a 2.6.18 kernel using the RHEL5 kernel patch 028stab023.1 (that's basically the only other difference to the 32 bit system... there I was running a 028stab021.1 kernel.).

a strace on 'vzctl start X' shows basically this...

```
...
...
fcntl64(8, F_SETFD, FD_CLOEXEC) = 0
close(7) = 0
```

```

fcntl64(5, F_SETFD, FD_CLOEXEC)      = 0
close(6)                               = 0
chdir("/var/lib/vz/root/5")           = 0
chroot("/var/lib/vz/root/5")          = 0
setuid()                                = 6432
rt_sigprocmask(SIG_SETMASK, [], NULL, 8) = 0
rt_sigaction(SIGHUP, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGINT, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGQUIT, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGILL, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGTRAP, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGABRT, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGBUS, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGFPE, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGKILL, {SIG_DFL}, NULL, 8) = -1 EINVAL (Invalid argument)
rt_sigaction(SIGUSR1, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGSEGV, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGUSR2, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGPIPE, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGALRM, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGTERM, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGSTKFLT, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGCHLD, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGCONT, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGSTOP, {SIG_DFL}, NULL, 8) = -1 EINVAL (Invalid argument)
rt_sigaction(SIGTSTP, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGTTIN, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGTTOU, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGURG, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGXCPU, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGXFSZ, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGVTALRM, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGPROF, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGWINCH, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGIO, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGPWR, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGSYS, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(SIGRT_2, {SIG_DFL}, NULL, 8) = 0
...
...
...
rt_sigaction(SIGRT_32, {SIG_DFL}, NULL, 8) = 0
rt_sigaction(65, {SIG_DFL}, NULL, 8) = -1 EINVAL (Invalid argument)
syscall_511(0x5, 0x16, 0xbfd26b10, 0xb7fcefd9, 0xb7fe17f8, 0xbfd26ee8,
0xfffffda, 0x7b, 0x7b, 0, 0x33, 0x1ff, 0xb7f
4d172, 0x73, 0x246, 0xbfd26cbc, 0x7b, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0) = -1 (errno 38)
write(2, "Error: kernel does not support u"... , 90) = 90

```

```
write(2, "\n", 1)          = 1
```

Maybe I missed a specific setting when upgrading my kernel using 'make oldconfig' ?!

Has anyone any idea about this?

Thanks alot in advance!

Andreas Mimz

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Subject: Re: CONFIG\_USER\_RESOURCE missing?

Posted by [dev](#) on Sun, 01 Apr 2007 11:16:37 GMT

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Andreas,

according to strace looks like you are still trying to use 32-bit vzctl and OpenVZ tools.

Try recompile it as 64-bit binaries.

Also please check that you have CONFIG\_COMPAT=y in your kernel .config file.

Thanks,

Kirill

Andreas Mimz wrote:

> Hello,

>

> I've recently upgraded one of my host servers from an etch 32 bit system

> to a debian etch 64 bit system (same host)... I've compiled a new kernel

> using almost the same config like the one I had before (except for 64bit

> of course)...

>

> Now, when trying to start a VPS I get this message...

>

> VE is mounted

> Error: kernel does not support user resources. Please, rebuild with

> CONFIG\_USER\_RESOURCE=y

> VE start failed

>

> some parts of my .config:

>

> # grep CONFIG\_USER\_RESOURCE .config

> CONFIG\_USER\_RESOURCE=y

> CONFIG\_USER\_RESOURCE\_PROC=y

>

> # egrep "CONFIG\_V[EZ]" .config

> CONFIG\_VZ\_QUOTA=m

```

> # CONFIG_VZ_QUOTA_UNLOAD is not set
> CONFIG_VZ_QUOTA_UGID=y
> CONFIG_VE=y
> CONFIG_VE_CALLS=m
> CONFIG_VZ_GENCALLS=y
> CONFIG_VE_NETDEV=m
> CONFIG_VE_ETHDEV=m
> CONFIG_VZ_DEV=m
> CONFIG_VE_IPTABLES=y
> CONFIG_VZ_WDOG=m
> CONFIG_VZ_CHECKPOINT=m
>
> I'm using a 2.6.18 kernel using the RHEL5 kernel patch 028stab023.1
> (that's basically the only other difference to the 32 bit system...
> there I was running a 028stab021.1 kernel.)
>
> a strace on 'vzctl start X' shows basically this...
>
> ...
> ...
> fcntl64(8, F_SETFD, FD_CLOEXEC)      = 0
> close(7)                             = 0
> fcntl64(5, F_SETFD, FD_CLOEXEC)      = 0
> close(6)                             = 0
> chdir("/var/lib/vz/root/5")          = 0
> chroot("/var/lib/vz/root/5")         = 0
> setsid()                             = 6432
> rt_sigprocmask(SIG_SETMASK, [], NULL, 8) = 0
> rt_sigaction(SIGHUP, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGINT, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGQUIT, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGILL, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGTRAP, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGABRT, {SIG_DFL}, NULL, 8) = 0
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> rt_sigaction(SIGKILL, {SIG_DFL}, NULL, 8) = -1 EINVAL (Invalid argument)
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> rt_sigaction(SIGSEGV, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGUSR2, {SIG_DFL}, NULL, 8) = 0
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> rt_sigaction(SIGALRM, {SIG_DFL}, NULL, 8) = 0
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> rt_sigaction(SIGTSTP, {SIG_DFL}, NULL, 8) = 0

```

```
> rt_sigaction(SIGTTIN, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGTTOU, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGURG, {SIG_DFL}, NULL, 8) = 0
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> rt_sigaction(SIGXFSZ, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGVTALRM, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGPROF, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGWINCH, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGIO, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGPWR, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGSYS, {SIG_DFL}, NULL, 8) = 0
> rt_sigaction(SIGRT_2, {SIG_DFL}, NULL, 8) = 0
> ...
> ..
> ...
> rt_sigaction(SIGRT_32, {SIG_DFL}, NULL, 8) = 0
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> syscall_511(0x5, 0x16, 0xbf26b10, 0xb7fced9, 0xb7fe17f8, 0xbf26ee8,
> 0xfffffda, 0x7b, 0x7b, 0, 0x33, 0x1ff, 0xb7f
> 4d172, 0x73, 0x246, 0xbf26cbc, 0x7b, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
> 0, 0, 0, 0) = -1 (errno 38)
> write(2, "Error: kernel does not support u"..., 90) = 90
> write(2, "\n", 1) = 1
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>
> Maybe I missed a specific setting when upgrading my kernel using 'make
> oldconfig' ?!
> Has anyone any idea about this?
>
> Thanks alot in advance!
>
> Andreas Mimz
>
```

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Subject: Re: CONFIG\_USER\_RESOURCE missing?  
Posted by [Andreas Mimz](#) on Mon, 02 Apr 2007 09:26:25 GMT  
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Ooops... The OpenVZ tools were infact wrong..  
that did the trick ;-)

Thanks a lot...

On Sun, April 1, 2007 13:16, Kirill Korotaev wrote:  
> Andreas,  
>

>  
> according to strace looks like you are still trying to use 32-bit vzctl  
> and OpenVZ tools. Try recompile it as 64-bit binaries.  
> Also please check that you have CONFIG\_COMPAT=y in your kernel .config  
> file.  
>  
> Thanks,  
> Kirill  
>  
>  
> Andreas Mimz wrote:  
>  
>> Hello,  
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>>  
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>> system to a debian etch 64 bit system (same host)... I've compiled a new  
>> kernel using almost the same config like the one I had before (except  
>> for 64bit of course)...  
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>> Now, when trying to start a VPS I get this message...  
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>> some parts of my .config:  
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>> CONFIG\_VZ\_QUOTA=m  
>> # CONFIG\_VZ\_QUOTA\_UNLOAD is not set  
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>> CONFIG\_VE\_CALLS=m  
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>> CONFIG\_VE\_NETDEV=m  
>> CONFIG\_VE\_ETHDEV=m  
>> CONFIG\_VZ\_DEV=m  
>> CONFIG\_VE\_IPTABLES=y  
>> CONFIG\_VZ\_WDOG=m

```

>> CONFIG_VZ_CHECKPOINT=m
>>
>>
>> I'm using a 2.6.18 kernel using the RHEL5 kernel patch 028stab023.1
>> (that's basically the only other difference to the 32 bit system...
>> there I was running a 028stab021.1 kernel.).
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>> rt_sigaction(SIGWINCH, {SIG_DFL}, NULL, 8) = 0 rt_sigaction(SIGIO,
>> {SIG_DFL}, NULL, 8) = 0

```

```
>> rt_sigaction(SIGPWR, {SIG_DFL}, NULL, 8) = 0 rt_sigaction(SIGSYS,  
>> {SIG_DFL}, NULL, 8) = 0  
>> rt_sigaction(SIGRT_2, {SIG_DFL}, NULL, 8) = 0 ...  
>> ..  
>> ...  
>> rt_sigaction(SIGRT_32, {SIG_DFL}, NULL, 8) = 0 rt_sigaction(65,  
>> {SIG_DFL}, NULL, 8) = -1 EINVAL (Invalid argument)  
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>> write(2, "Error: kernel does not support u"..., 90) = 90 write(2, "\n",  
>> 1) = 1  
>>  
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>> Maybe I missed a specific setting when upgrading my kernel using 'make  
>> oldconfig'?! Has anyone any idea about this?  
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>> Thanks alot in advance!  
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>>  
>> Andreas Mimz  
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```

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