
Subject: *SOLVED* env_create error: Resource temporarily unavailable

Posted by [Olate](#) on Thu, 15 Mar 2007 20:01:29 GMT

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I have just customised the config for one of our VPSs and just after creating it and trying to set the password, I get an error:

```
[root@186 ~]# vzctl set 301 --userpasswd root:password
Starting VE ...
VE is mounted
env_create error: Resource temporarily unavailable
VE start in progress...
VE is not running
Password change failed
Unable to stop: VE is not running
```

Config being used is:

```
ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="40:40"
NUMPROC="85:95"
NUMTCPSOCK="95:100"
NUMOTHERSOCK="95:100"
VMGUARPAGES="32768:262144"
# Secondary parameters
KMEMSIZE="16384:131072"
TCPSNDBUF="16384:131072"
TCPRCVBUF="16384:131072"
OTHERSOCKBUF="16384:131072"
DGRAMRCVBUF="16384:131072"
OOMGUARPAGES="16384:131072"
# Auxiliary parameters
LOCKEDPAGES="32:32"
SHMPAGES="8192:8192"
PRIVVMPAGES="16384:131072"
NUMFILE="2048:2048"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"

PHYSPAGES="0:1048576"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
```

```
DISKSPACE="4194304:4194304"  
DISKINODES="200000:220000"  
QUOTATIME="0"
```

```
# CPU fair sheduler parameter  
CPUUNITS="18317"
```

What is causing this resource unavailable error?

Subject: Re: env_create error: Resource temporarily unavailable
Posted by [kir](#) on Thu, 15 Mar 2007 20:15:07 GMT

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would be great to know

- (1) kernel and vzctl version
 - (2) if you compiled the kernel yourself -- your .config file
 - (3) is there anything bad/strange in dmesg?
-

Subject: Re: env_create error: Resource temporarily unavailable
Posted by [Olate](#) on Thu, 15 Mar 2007 20:17:38 GMT

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```
Kernel: 2.6.18-ovz028test018.1  
vzctl: 3.0.14
```

Kernel was a RPM install.

Last few things from dmesg that I think are relevant are:

```
VE: 301: stopped  
VE: 301: failed to start with err=-11  
VE: 301: stopped  
VE: 301: failed to start with err=-11  
VE: 301: stopped  
VE: 301: failed to start with err=-11
```

Subject: Re: env_create error: Resource temporarily unavailable
Posted by [Vasily Tarasov](#) on Fri, 16 Mar 2007 07:40:43 GMT

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```
OOMGUARPAGES="16384:131072"  
KMEMSIZE="16384:131072"
```

It is certainly not enough! Note, that these parameters are measured in bytes, unlike, for example,

privvmpages, that is measured in pages.

Maybe some other parameters also need to be increased.

Vasily.

Subject: Re: env_create error: Resource temporarily unavailable
Posted by [Olate](#) on Fri, 16 Mar 2007 09:02:01 GMT

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Thanks, that was it.

Subject: Re: env_create error: Resource temporarily unavailable
Posted by [kir](#) on Fri, 16 Mar 2007 11:03:20 GMT

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I strongly suggest you to use vzcfgvalidate utility to check your VE config. For example, this is what it told me on your config:

Error: barrier should be equal limit for numproc (currently, 85:95)
Error: barrier should be equal limit for numtcpsock (currently, 95:100)
Error: barrier should be equal limit for numothersock (currently, 95:100)
Error: limit should be = 9223372036854775807 for vmguarpages (currently, 262144)
Error: limit should be = 9223372036854775807 for oomguarpages (currently, 131072)
Error: limit should be = 9223372036854775807 for physpages (currently, 1048576)
Error: kmemsize.bar should be > 2736128 (currently, 16384)
Warning: privvmpages.bar should be > 32768 (currently, 16384)
Error: tcpsndbuf.lim-tcpsndbuf.bar should be > 243200 (currently, 114688)
Error: othersockbuf.lim-othersockbuf.bar should be > 243200 (currently, 114688)
Warning: tcprcvbuf.lim-tcprcvbuf.bar should be > 243200 (currently, 114688)
Warning: tcprcvbuf.bar should be > 65536 (currently, 16384)
Warning: tcpsndbuf.bar should be > 65536 (currently, 16384)
Warning: dgramrcvbuf.bar should be > 32768 (currently, 16384)
Warning: othersockbuf.bar should be > 32768 (currently, 16384)