
Subject: Unable to set capability: Operation not permitted

Posted by [Emitkins](#) on Fri, 03 Aug 2007 08:43:22 GMT

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i have done many installs of openvp prior to this however on this new server i get.

```
[root@n3 vz]# vzctl start 1003
```

```
Starting VE ...
```

```
VE is mounted
```

```
Unable to set capability: Operation not permitted
```

```
Unable to set capability
```

```
VE start failed
```

```
VE is unmounted
```

what would be the capability it cannot set? i have looked and quota's are off system wide.

Subject: Re: Unable to set capability: Operation not permitted

Posted by [rickb](#) on Sat, 04 Aug 2007 20:20:40 GMT

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show us your veid.conf

Rick

Subject: Re: Unable to set capability: Operation not permitted

Posted by [Emitkins](#) on Sat, 04 Aug 2007 22:22:38 GMT

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```
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```

```
#
```

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# Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA  
#
```

```
ONBOOT="no"
```

```
# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="40:40"
NUMPROC="65:65"
NUMTCPSOCK="80:80"
NUMOTHERSOCK="80:80"
VMGUARPAGES="6144:147483647"
# Secondary parameters
KMEMSIZE="2752512:2936012"
TCPSNDBUF="319488:524288"
TCPRCVBUF="319488:524288"
OTHERSOCKBUF="132096:336896"
DGRAMRCVBUF="132096:132096"
OOMGUARPAGES="6144:147483647"
# Auxiliary parameters
LOCKEDPAGES="32:32"
SHMPAGES="8192:8192"
PRIVVMPAGES="49152:53575"
NUMFILE="2048:2048"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"

PHYSPAGES="0:2147483647"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="1048576:1153434"
DISKINODES="200000:220000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="1000"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.basic"
```

Subject: Re: Unable to set capability: Operation not permitted
Posted by [vaverin](#) on Mon, 06 Aug 2007 08:13:09 GMT
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Is it probably you have installed in VE0 some capability remover application (like lcap?)?

thank you,
Vasily Averin

Subject: Re: Unable to set capability: Operation not permitted
Posted by [Emitkins](#) on Mon, 06 Aug 2007 11:38:54 GMT
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This is new to me but here is the output of lcap

Current capabilities: 0xFFFF7FEFF

- | | |
|---------------------------|-------------------------|
| 0) *CAP_CHOWN | 1) *CAP_DAC_OVERRIDE |
| 2) *CAP_DAC_READ_SEARCH | 3) *CAP_FOWNER |
| 4) *CAP_FSETID | 5) *CAP_KILL |
| 6) *CAP_SETGID | 7) *CAP_SETUID |
| CAP_SETPCAP | 9) *CAP_LINUX_IMMUTABLE |
| 10) *CAP_NET_BIND_SERVICE | 11) *CAP_NET_BROADCAST |
| 12) *CAP_NET_ADMIN | 13) *CAP_NET_RAW |
| 14) *CAP_IPC_LOCK | 15) *CAP_IPC_OWNER |
| 16) *CAP_SYS_MODULE | 17) *CAP_SYS_RAWIO |
| 18) *CAP_SYS_CHROOT | 19) CAP_SYS_PTRACE |
| 20) *CAP_SYS_PACCT | 21) *CAP_SYS_ADMIN |
| 22) *CAP_SYS_BOOT | 23) *CAP_SYS_NICE |
| 24) *CAP_SYS_RESOURCE | 25) *CAP_SYS_TIME |
| 26) *CAP_SYS_TTY_CONFIG | 27) *CAP_MKNOD |
| 28) *CAP_LEASE | |

* = Capabilities currently allowed

any more help for this?

Subject: Re: Unable to set capability: Operation not permitted
Posted by [vaverin](#) on Mon, 06 Aug 2007 12:17:53 GMT
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I mean you should not use lcap on your node. Lcap does not allow virtuozzo to manage capabilities properly. For example it removes CAP_SETPCAP capability and therefore VE0 admin is not able to set capabilities required for VE and it leads to "Unable to set capability" messages.

Subject: Re: Unable to set capability: Operation not permitted
Posted by [Emitkins](#) on Mon, 06 Aug 2007 19:44:05 GMT
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perfect I removed lcap and rebooted the machine and now everything is fine.
Good show and thankyou, i tried just to remove the one capability but it failed then as well.
thx for your help
