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Subject: Can't set fs.mqueue.msg\_max

Posted by [jakm](#) on Tue, 24 Mar 2015 13:33:58 GMT

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Hello,

I need to increase POSIX MessageQueue length to 100 inside the container, but every attempt fails with 'permission denied'. Host system has length set to 100 and container to 10 (after start). We tried this commands:

```
[prod]root@virt2:/root# vzctl enter 32013
entered into CT 32013
root@broker:/# sysctl -w fs.mqueue.msg_max=100
sysctl: permission denied on key 'fs.mqueue.msg_max'
```

```
root@broker:/# echo 100 > /proc/sys/fs/mqueue/msg_max
-bash: /proc/sys/fs/mqueue/msg_max: Permission denied
```

Container has set this capabilities:

```
CAPABILITY="CHOWN:on DAC_OVERRIDE:on DAC_READ_SEARCH:on FOWNER:on
FSETID:on KILL:on SETGID:on SETUID:on SETPCAP:on LINUX_IMMUTABLE:on
NET_BIND_SERVICE:on NET_BROADCAST:on NET_ADMIN:on NET_RAW:on IPC_LOCK:on
IPC_OWNER:on SYS_MODULE:on SYS_RAWIO:on SYS_CHROOT:on SYS_PTRACE:on
SYS_PACCT:on SYS_ADMIN:on SYS_BOOT:on SYS_NICE:on SYS_RESOURCE:on
SYS_TIME:on SYS_TTY_CONFIG:on MKNOD:on LEASE:on VE_ADMIN:on FS_MASK:on"
```

Kernel and vzctl versions:

\* 2.6.32-openvz-042stab104.1-amd64

\* vzctl version 4.8

Any idea what is wrong? Thanks.

Jakub

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