
Subject: Can't set fs.mqueue.msg_max
Posted by [jakm](#) on Tue, 24 Mar 2015 13:33:58 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

Subject: Re: Can't set fs.mqueue.msg_max
Posted by [sabine77](#) on Fri, 20 May 2016 08:13:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

I was just wondering if somebody has found a solution to that problem?

We also need to change some fs.mqueue.* kernel parameters for POSIX Message Queues

```
fs.mqueue.msgsize_max=65536
fs.mqueue.msg_max=200
fs.mqueue.queues_max=512
```

We've set it on our OpenVZ Node but however inside of our container we've still got only default values

On HW-Node...

```
# uname -r
2.6.32-042stab113.17

# sysctl -a |grep mqueue
fs.mqueue.queues_max = 512
fs.mqueue.msg_max = 200
fs.mqueue.msgsize_max = 65536
fs.mqueue.msg_default = 10
fs.mqueue.msgsize_default = 65365
```

Inside container:

```
# vzctl enter 666667
entered into CT 666667
# sysctl -a |grep mqueue
fs.mqueue.queues_max = 256
fs.mqueue.msg_max = 10
fs.mqueue.msgsize_max = 8192
fs.mqueue.msg_default = 10
fs.mqueue.msgsize_default = 8192
```

So for unprivileged user/processes it is still not possible to open mqueues with messagesize greater and even other than 8192.... Same applies for the other fs.mqueue parameters as well...

Any idea how to solve that problem?

Thank you in advance.

Greetings, Sabine

Subject: Re: Can't set fs.mqueue.msg_max
Posted by [curx](#) on Wed, 08 Jun 2016 09:38:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

Please add a new bugreport at <https://bugs.openvz.org/>
