
Subject: Re: cgroup tasks file error
Posted by [ccmail111](#) on Tue, 14 Dec 2010 19:23:20 GMT
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Hi Serge,

Thanks for the tip.
It seems to work (no ns).

```
[host:~]$ mount -t cgroup cpuset -ocpuset /dev/cgroup
[host:~]$ ls /dev/cgroup
cgroup.procs          cpuset.memory_spread_page
cpuset.cpu_exclusive  cpuset.memory_spread_slab
cpuset.cpus           cpuset.mems
cpuset.mem_exclusive  cpuset.sched_load_balance
cpuset.mem_hardwall   cpuset.sched_relax_domain_level
cpuset.memory_migrate notify_on_release
cpuset.memory_pressure release_agent
cpuset.memory_pressure_enabled tasks
```

```
$ps aux | grep daemon
root    572  0.0  0.9 88816 2216 ?        Sl  18:25   0:00 myproc --daemon
```

```
[host:~]$ mkdir /dev/cgroup/hello
[host:~]$ echo 0 > /dev/cgroup/hello/cpuset.mems
[host:~]$ echo 0 > /dev/cgroup/hello/cpuset.cpus
[host:~]$ echo 572 > /dev/cgroup/hello/tasks
[host:~]$ cat /dev/cgroup/hello/tasks
572
```

Now move it back..

```
[host:~]$ echo 572 > /dev/cgroup/tasks
```

check:

```
[host:~]$ cat /dev/cgroup/hello/tasks
[host:~]$
[host:~]$ cat /dev/cgroup/tasks | grep 572
572
[host:~]$ id
uid=0(root) gid=0(root) groups=0(root)
[host:~]$
```

Thanks everyone !

--- On Tue, 12/14/10, Serge Hallyn <serge.hallyn@canonical.com> wrote:

```
> From: Serge Hallyn <serge.hallyn@canonical.com>
> Subject: Re: cgroup tasks file error
> To: "ccmail111" <ccmail111@yahoo.com>
> Cc: "Jue Hong" <honshj@gmail.com>, "Matt Helsley" <matthlrc@us.ibm.com>,
> containers@lists.linux-foundation.org
> Date: Tuesday, December 14, 2010, 12:40 PM
> Quoting ccmail111 (ccmail111@yahoo.com):
> >
> > Isn't ns mounted by default ?
>
> I thought that in an earlier email you said you had done
>
> mount -t cgroup cpuset -ocpuset
> /dev/cgroup
>
> in which case ns would not be mounted. But note, we
> DO NOT
> want you to have ns mounted :)
>
> > I rebooted machine,
> > based on 2.6.32 kernel.
> >
> > Then,
> >
> > [host:~]$ mkdir /dev/cgroup
> > [host:~]$ mount -t cgroup cpuset -ocpuset,ns
> /dev/cgroup
> > [host:~]$ ps aux | grep libvirt
> > root      575
> 0.6  0.9 88816 2216 ?
> Sl  17:28  0:00
> myproc --daemon
> > root      654
> 0.0  0.2 4044  664
> ttyS0
> S+  17:29  0:00 grep
> libvirt
> > [host:~]$ mkdir /dev/cgroup/hello
> > [host:~]$ cat /dev/cgroup/hello/tasks
> > [host:~]$ echo 0 > /dev/cgroup/hello/cpuset.cpus
> > [host:~]$ echo 0 > /dev/cgroup/hello/cpuset.mems
> > [host:~]$ echo 575 > /dev/cgroup/hello/tasks
> > [host:~]$ cat /dev/cgroup/hello/tasks
> > 575
> > [host:~]$ id
> > uid=0(root) gid=0(root) groups=0(root)
```

> > [host:~]\$
> >
> > Now, I try to move the task out - the parent/root:
> >
> > [host:~]\$ echo 575 > /dev/cgroup/tasks
> > -bash: echo: write error: Operation not permitted
> >
> >
> > Any thoughts !?
>
> Yes, ns cgroup is forbidding you from moving back :)
> Mount without it.
>
> -serge
>

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
