
Subject: Re: cgroup tasks file error

Posted by [ccmail111](#) on Tue, 14 Dec 2010 18:22:32 GMT

[View Forum Message](#) <> [Reply to Message](#)

--- On Tue, 12/14/10, Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

> From: Balbir Singh <balbir@linux.vnet.ibm.com>
> Subject: Re: cgroup tasks file error
> To: "ccmail111" <ccmail111@yahoo.com>
> Cc: "Jue Hong" <honshj@gmail.com>, containers@lists.linux-foundation.org
> Date: Tuesday, December 14, 2010, 12:41 PM
> On Tue, Dec 14, 2010 at 11:03 PM,
> ccmail111 <ccmail111@yahoo.com>
> wrote:
> >
> > Isn't ns mounted by default ?
> > 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 ?
> > S+ 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
>
> Can you paste the output of
>
> cat /dev/cgroup/hello/cpuset.cpus and mems.
>
> Also please paste the o/p of /dev/cgroup/cpuset.cpus and
> 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  
>  
> can you send us the o/p of  
>  
> ls -al /dev/cgroup  
>  
> and ls -al /dev/cgroup/hello  
>  
> Balbir  
>  
----
```

Please find output requested below:

```
[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:~]$ echo 575 > /dev/cgroup/tasks  
-bash: echo: write error: Operation not permitted  
[host:~]$ cat /dev/cgroup/cpuset.cpus  
0  
[host:~]$ cat /dev/cgroup/cpuset.mems  
0  
[host:~]$ cat /dev/cgroup/cpuset.mem  
0  
[host:~]$ cat /dev/cgroup/cpuset.cpus  
0  
[host:~]$ ls -al /dev/cgroup/  
total 0  
drwxr-xr-x 3 root root 0 Dec 14 17:29 .  
drwxr-xr-x 11 root root 2980 Dec 14 17:29 ..  
-r--r--r-- 1 root root 0 Dec 14 17:29 cgroup.procs  
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.cpu_exclusive  
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.cpus  
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.mem_exclusive  
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.mem_hardwall  
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_migrate  
-r--r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_pressure
```

```
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_pressure_enabled
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_spread_page
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_spread_slab
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.mems
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.sched_load_balance
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.sched_relax_domain_level
drwxr-xr-x 2 root root 0 Dec 14 17:29 hello
-rw-r--r-- 1 root root 0 Dec 14 17:29 notify_on_release
-rw-r--r-- 1 root root 0 Dec 14 17:29 release_agent
-rw-r--r-- 1 root root 0 Dec 14 17:31 tasks
[host:~]$ ls -al /dev/cgroup/hello/
total 0
drwxr-xr-x 2 root root 0 Dec 14 17:29 .
drwxr-xr-x 3 root root 0 Dec 14 17:29 ..
-r--r--r-- 1 root root 0 Dec 14 17:29 cgroup.procs
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.cpu_exclusive
-rw-r--r-- 1 root root 0 Dec 14 17:30 cpuset.cpus
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.mem_exclusive
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.mem_hardwall
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_migrate
-r--r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_pressure
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_spread_page
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.memory_spread_slab
-rw-r--r-- 1 root root 0 Dec 14 17:30 cpuset.mems
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.sched_load_balance
-rw-r--r-- 1 root root 0 Dec 14 17:29 cpuset.sched_relax_domain_level
-rw-r--r-- 1 root root 0 Dec 14 17:29 notify_on_release
-rw-r--r-- 1 root root 0 Dec 14 17:30 tasks
[host:~]$ id
uid=0(root) gid=0(root) groups=0(root)
[host:~]$
```

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