
Subject: Re: cgroup tasks file error

Posted by [ccmail111](#) on Wed, 15 Dec 2010 22:08:21 GMT

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--- On Wed, 12/15/10, 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: containers@lists.linux-foundation.org

> Date: Wednesday, December 15, 2010, 12:51 PM

> * ccmail111 <ccmail111@yahoo.com>

> [2010-12-14 10:22:32]:

>

>>

>>

>> --- 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

> ?

>>> 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
> > >
> > > 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/hello/cpuset.cpus
> > 0
> > [host:~]$ cat /dev/cgroup/hello/cpuset.mems
> > 0
> > [host:~]$ cat /dev/cgroup/cpuset.mems
> > 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:~]$
> >
>
> Looks like Serge's ns suggestion solved your problem,
> right?
>
> --
> Three Cheers,
> Balbir
>

```

Yes, Balbir, thats right.

IMHO, it would nice if it can be documented on wiki or such.
Thanks everyone for suggestions..

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