
Subject: Re: [PATCH 0/4] Devices accessibility control group (v2)
Posted by [Pavel Emelianov](#) on Tue, 15 Jan 2008 08:22:03 GMT
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sukadev@us.ibm.com wrote:

```
> | > I started playing with this and noticed that even if I try to
> | > enable read access to device [c, 1:3] it also grants access
> | > to device [c, 1:5].
> |
> | Hm... I can't reproduce this:
> |
> | # /bin/echo 'c 1:3 r-' > /cnt/dev/0/devices.permissions
> | # /bin/echo -n $$ > /cnt/dev/0/tasks
> | # cat /cnt/dev/0/devices.permissions
> | c 1:3 r-
> | # hexdump /dev/null
> | # hexdump /dev/zero
> | hexdump: /dev/zero: No such device or address
> | hexdump: /dev/zero: Bad file descriptor
> |
> | Maybe you have played with devs cgroups before getting this?
> | Can you show what's the contents of the devices.permissions file
> | in your case?
>
> Here is the repro again. I even tried after a reboot. Basically,
> granting access to /dev/null is also granting access to /dev/zero.
>
> # cat devices.permissions
> # hexdump /dev/zero
> hexdump: /dev/zero: No such device or address
> hexdump: /dev/zero: Bad file descriptor
> # hexdump /dev/null
> hexdump: /dev/null: No such device or address
> hexdump: /dev/null: Bad file descriptor
> # echo 'c 1:3 r-' > devices.permissions
> # hexdump /dev/null
> # hexdump /dev/zero
> 00000000 0000 0000 0000 0000 0000 0000 0000 0000 0000
> *
> ^C
> # cat tasks
> 3279
> 22266
> # ps
>  PID TTY          TIME CMD
> 3279 pts/0    00:00:00 bash
> 22267 pts/0    00:00:00 ps
>
```

This all looks completely incomprehensible :(

Here's my test:

```
# mount -t cgroup none /cnt/dev/ -o devices
# mkdir /cnt/dev/0
# /bin/echo -n $$ > /cnt/dev/0/tasks
# cat /cnt/dev/0/devices.permissions
# hexdump /dev/zero
hexdump: /dev/zero: No such device or address
hexdump: /dev/zero: Bad file descriptor
# hexdump /dev/null
hexdump: /dev/null: No such device or address
hexdump: /dev/null: Bad file descriptor
# echo 'c 1:3 r-' > /cnt/dev/0/devices.permissions
# cat /cnt/dev/0/devices.permissions
c 1:3 r-
# hexdump /dev/null
# hexdump /dev/zero
hexdump: /dev/zero: No such device or address
hexdump: /dev/zero: Bad file descriptor
```

Sukadev, could you please try to track the problem as you seem to be the only person who's experiencing problems with that.

Thanks,
Pavel

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