
Subject: [PATCH 0/4] Devices accessibility control group (v3, release candidate)

Posted by [Pavel Emelianov](#) on Thu, 07 Feb 2008 12:56:18 GMT

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Changes from v2:

- * Fixed problems pointed out by Sukadev with permissions revoke. Now we have to perform kobject re-lookup on each char device open, just like for block ones, so I think this is OK.

The /proc/devices tune is still in TODO list, as I have problems with getting majors `_in_a_simple_manner_` from a map, that contains a mix of major/minor pairs in arbitrary order.

The second version is here:

<http://openvz.org/pipermail/devel/2008-January/010160.html>

Changes from v1:

- * Added the block devices support :) It turned out to be a bit simpler than the char one (or I missed something significant);
- * Now we can enable/disable not just individual devices, but the whole major with all its minors (see the TODO list beyond as well);
- * Added the ability to restrict the read/write permissions to devices, not just visible/invisible state.

The first version was here:

<http://openvz.org/pipermail/devel/2007-September/007647.html>

I still don't pay much attention to split this set well, so this will most likely won't work with git-bisect, but I think this is OK for now. I will sure split it better when I send it to Andrew.

The set is prepared against the 2.6.24-rc8-mm1.

To play with it - run a standard procedure:

```
# mount -t container none /cont/devs -o devices
# mkdir /cont/devs/0
# echo -n $$ > /cont/devs/0/tasks
```

and tune device permissions.

Thanks,
Pavel

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