
Subject: Re: [PATCH] reject '
' in a cgroup name

Posted by [Paul Menage](#) on Mon, 28 Jan 2008 07:49:04 GMT

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Looks sensible - maybe we should ban all characters not in [a-zA-Z0-9._-] ?

Paul

On Jan 23, 2008 9:20 PM, YAMAMOTO Takashi <yamamoto@valinux.co.jp> wrote:

> hi,

>

> the following patch rejects '\n' in a cgroup name.

> otherwise /proc/\$\$/cgroup is not parsable.

>

> example:

> imawoto% cat /proc/\$\$/cgroup

> memory:/

> imawoto% mkdir -p "

> memory:/foo"

> imawoto% echo \$\$ >| "

> memory:/foo/tasks"

> imawoto% cat /proc/\$\$/cgroup

> memory:/

> memory:/foo

> imawoto%

>

> YAMAMOTO Takashi

>

>

> Signed-off-by: YAMAMOTO Takashi <yamamoto@valinux.co.jp>

> ---

>

> --- linux-2.6.24-rc8-mm1/kernel/cgroup.c.BACKUP 2008-01-23 14:43:29.000000000 +0900

> +++ linux-2.6.24-rc8-mm1/kernel/cgroup.c 2008-01-24 13:56:28.000000000 +0900

> @@ -2216,6 +2216,10 @@ static long cgroup_create(struct cgroup

> struct cgroup_subsys *ss;

> struct super_block *sb = root->sb;

>

> + /* reject a newline. otherwise /proc/\$\$/cgroup is not parsable. */

> + if (strchr(dentry->d_name.name, '\n'))

> + return -EINVAL;

> +

> cgrp = kzalloc(sizeof(*cgrp), GFP_KERNEL);

> if (!cgrp)

> return -ENOMEM;

>

> --

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