Subject: c/r:read pipe error when restart
Posted by kadyz on Tue, 22 Feb 2011 05:53:44 GMT
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hi all:
I have a very simple script test for c/r,but I'm unable to get a restart to complete. I get both linux-cr and user-cr code from the git a few weeks ago, and i think they are the newest. I'm using RHEL5.4, x86-64. Here are my steps:

```
# mkdir -p /cgroup
# mount -t cgroup -o freezer cgroup /cgroup
# mkdir /cgroup/1

# cat > foo.sh << EOF
#!/bin/sh
echo $$ > /cgroup/1/tasks
while true; do
echo "this is a test."
sleep 1s
done
EOF

# nsexec -tgcmpiUP pid foo.sh
about to clone with 38020000
this is a test.
this is a test.
...

/* the following steps go on in another terminal */
# cat pid
29750
# echo FROZEN > /cgroup/1/freezer.state
# cat /cgroup/1/tasks
29750
29772
# checkpoint 29750 -l clog -o image.out
# kill -9 29750
# echo THAWED > /cgroup/1/freezer.state
```

(It seems ok for now, but when I try restart, the problem comes.)

```
# restart -l rlog -i image.out
read pipe: Bad file descriptor
Killed
```

(I have tried lots of times, and the rlog is usually empty, but I also see msg once in it)

cat rlog
[err -512][pos 0][E @ ckpt_read_obj_type:426]Expecting to read type 1

(when I add -d -v, it comes like this)
restart -d -v -i image.out
<31720>number of tasks: 2
<31720>number of vpids: 0
<31720>total tasks (including ghosts): 3
<31720>pid 99: inherit sid 0
<31720>pid 99: creator set to 1
<31720>pid 301: orphan session 1
<31720>pid 301: creator set to 302
<31720>====== TASKS
<31720> [0] pid 1 ppid 0 sid 0 creator 0 placeholder 302
<31720> [1] pid 99 ppid 1 sid 0 creator 1 prev 302
<31720> [2] pid 301 ppid 1 sid 1 creator 302 G
<31720> [3] pid 302 ppid 1 sid 1 creator 1 next 99 D
<31720>.....
<31720>task[0].vidx = 1 (depth 0, rpid 1)
<31720>task[1].vidx = 2 (depth 0, rpid 99)
<31720>subtree (existing pidns)
<31720>fork child vpid 1 flags 0x1
<31721>====== PIDS ARRAY
<31721>[0] pid 1 ppid 301 sid 301 pgid 301
<31721>[1] pid 99 ppid 301 sid 301 pgid 301
<31720>task 1 forking with flags 11 numpids 1
<31721>.....
<31720>task 1 pid[0]=0
read pipe: Bad file descriptor
Killed

(I found a similar discussion from http://openvz.org/pipermail/devel/2010-July/025274.html , but it didn't work for me. Because the code I use has fixed them all.)

Look forward and very appreciate for your helps!

Thank you!

Kadyz

Subject: Re: c/r:read pipe error when restart
Posted by kadyz on Tue, 01 Mar 2011 14:42:38 GMT
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I have found the reason, it's the same like
http://openvz.org/pipermail/devel/2011-January/026408.html

<http://openvz.org/pipermail/devel/2011-January/026408.html>hope Oren or the
other developers can fix it as soon as possible.

bad news is, the restart is still failed, is it possible that the version I
download can not work indeed, or can anyone tell me where I'm wrong.

2011/2/22 kadyz <allen303allen@gmail.com>

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