
Subject: Re: possible container states/statuses
Posted by [knewnd](#) on Tue, 17 May 2011 06:13:14 GMT
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Kir Kolyshkin wrote on 16/05/11 22:48:

>
> Generally speaking, all the states (words) are independent, with a few
> exceptions (mostly obvious and logical):
>
> 1. Running CT can't be unmounted.
> 2. Deleted CT can't be mounted or running or suspended (or so I think,
> might be wrong here — if you manually delete running CT's
> configuration file it might show as deleted mounted running).
> 3. (Contrary to common thinking) running CT can be suspended!

>
Does your last sentence mean "CT can be in running and suspended state"
i.e. 'vzctl status' has to show 'exist mounted running suspended'?

I've just tried to reproduce that state following [1] guide. So I did:

```
$ vzctl create 103 --ostemplate centos-5-x86
Creating container private area (centos-5-x86)
Performing postcreate actions
Container private area was created
```

```
$ vzctl start 103
Starting container ...
Container is mounted
Setting CPU units: 1000
Container start in progress...
```

```
$ vzlist
  CTID   NPROC STATUS  IP_ADDR  HOSTNAME
  103     6 running -        -
```

```
$ vzctl chkpnt 103 --suspend
Setting up checkpoint...
suspend...
get context...
Checkpointing completed succesfully
```

```
$ vzctl status 103
CTID 103 exist mounted running
```

```
$ vzlist
  CTID   NPROC STATUS  IP_ADDR  HOSTNAME
  103    12 running -        -
```

```
$vzctl chkpnt 103 --dump --dumpfile /vz/dump/dump.103
Setting up checkpoint...
```

join context..

dump...

Checkpointing completed succesfully

\$ vzlist

CTID	NPROC	STATUS	IP_ADDR	HOSTNAME
103	12	running	-	-

\$ vzctl status 103

CTID 103 exist mounted running

As one can see 'vzctl status' doesn't show running CT as suspended. So what is the proper way to detect that state (running and suspended CT)?

Software versions used:

\$ rpm -q vzctl

vzctl-3.0.26.3-1

\$ uname -rsvpi

Linux 2.6.18-238.9.1.el5.028stab089.1 #1 SMP Thu Apr 14 14:34:26 MSD

2011 i686 i386

[1] http://wiki.openvz.org/Checkpointing_and_live_migration

> On May 16, 2011 5:47 PM, <knawnd@gmail.com <mailto:knawnd@gmail.com>>

> wrote:

>

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