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Subject: Re: fake swap != 0 in VE? (solved)

Posted by [Michael Klatsky](#) on Wed, 13 Feb 2008 14:24:31 GMT

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Would not the same effect be achieved using OpenVZ builtin --meminfo parameter to vzctl?

Example:

Before:

```
[root@vz-210 /]# free -m
      total    used    free   shared  buffers   cached
Mem:      4050     21    4028        0         0         0
-/+ buffers/cache:      21    4028
Swap:         0         0         0
```

Then, do:

```
vzctl set 210 --meminfo=none
```

Now:

```
[root@vz-210 /]# free -m
      total    used    free   shared  buffers   cached
Mem:      4050    1963    2087        0        84    1655
-/+ buffers/cache:      223    3826
Swap:      2047         0    2047
```

Good discussion as I am having issues with certain applications that apparently need swap.

MK

On 2/13/08, Dariush Pietrzak <ml-openvz-eyck@ddiary.eu> wrote:

> On Wed, 13 Feb 2008, Thomas Sattler wrote:

>

> > >Why not

> > >mount --bind fakememinfo /proc/meminfo

> > >inside the VE? Would be easiest, but the

> > >contents will not match real meminfo

> > >because they do not get updated.

> >

> > I didn't expect this to work ...

> > ... But it does. :-)

> >

> > I attached a little script to be run as root

> > inside a VE to fake swap. 512MB are default,

> > you can change it on the commandline:

>

> Hmm, I find it strange that such hacks are needed, especially when openvz  
> already does do some kind of virtualization of /proc/meminfo (if I'm  
> interpreting this correctly, it sets max-mem from userbeancounters barrier  
> on VE start, but subsequent online changes are ignored)  
> --  
> Key fingerprint = 40D0 9FFB 9939 7320 8294 05E0 BCC7 02C4 75CC 50D9  
> Total Existence Failure  
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Sincerely,

Michael Klatsky

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