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

Posted by [Thomas Sattler](#) on Wed, 13 Feb 2008 09:50:49 GMT

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> 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:

Output is, in the example above, cut at "free"
to prevent linewrap:

```
# free -m
      total    used    free
Mem:      4096     104     3991
-/+ buffers/cache:      104     3991
Swap:         0         0         0
```

```
# openvz_fake_swap
      total    used    free
Mem:      4096     104     3991
-/+ buffers/cache:      104     3991
Swap:       512         0     512
```

```
# openvz_fake_swap 4096
      total    used    free
Mem:      4096     104     3991
-/+ buffers/cache:      104     3991
Swap:     4096         0    4096
```

Thanks a lot!
Thomas

```
#!/bin/bash
```

```
SWAP="${1:-512}"
```

```
NEW="$[SWAP*1024]"; TEMP="$[NEW//?/ ]"; OLD="$[TEMP:1]0"
```

```
umount /proc/meminfo 2> /dev/null
sed "/^Swap\\(Total\\|Free\\):/s,$OLD,$NEW," /proc/meminfo > /etc/fake_meminfo
mount --bind /etc/fake_meminfo /proc/meminfo
```

```
free -m
```
