Subject: ENOMEM errors
Posted by pzttilde on Sat, 07 Jun 2008 06:47:12 GMT
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Hey there, inside my machines I've been getting ENOMEM errors and I'm not quite sure how to handle it. The machine's 'host' has 8G of memory of which it caches everything but what is used at that point as soon as I start any container. Not sure if this behavior is intended or faulty. Inside the container only 256M seems to be available.

It's an Ubuntu Hardy install;
Linux merlin.*** 2.6.24-19-openvz #1 SMP Thu Jun 5 13:07:13 CEST 2008 x86_64 GNU/Linux

This is the host:

```
# free -m
             total       used       free     shared    buffers     cached
Mem:          7981       7933         47          0          0       5850
-/+ buffers/cache:       2083       5897
Swap:        22888          0      22888
```

Inside container (the only one running at this point):

```
# free -m
             total       used       free     shared    buffers     cached
Mem:           256         60        195          0          0          0

# cat /proc/user_beancounters | grep privv
           privvmpages                15638             200464             73728             80362
486040

# sysctl -a | grep overcommit
vm.overcommit_memory = 0
vm.overcommit_ratio = 50
vm.nr_overcommit_hugepages = 0

# ulimit -a
core file size          (blocks, -c) 0
data seg size           (kbytes, -d) unlimited
scheduling priority             (-e) 0
file size               (blocks, -f) unlimited
pending signals                 (-i) 71680
max locked memory       (kbytes, -l) 32
max memory size         (kbytes, -m) unlimited
open files                      (-n) 1024
pipe size            (512 bytes, -p) 8
POSIX message queues     (bytes, -q) 819200
real-time priority              (-r) 0
stack size              (kbytes, -s) 8192
```

```
cpu time                (seconds, -t) unlimited
max user processes              (-u) 71680
virtual memory          (kbytes, -v) unlimited
file locks                      (-x) unlimited
```

Feel like I'm just doing something essential wrong or that I've stumbled upon a bug. Any advice would be appreciated.
