Subject: Container with vswap shows whole server memory
Posted by mgielissen on Wed, 11 Jan 2012 13:26:20 GMT
View Forum Message <> Reply to Message

On Centos 5.7 with the a recent vz 2.6.18 kernel, all the containers with VSWAP (created with vswap-256 for example) are showing the whole memory from de server. The vswap size is correct.

Example (memory server is 3GB):

Container

free

| | total | used | free | shared | buffers | cached |
|---|---|---|---|---|---|---|
| Mem: | 3079328 | 376840 | 2702488 | 0 | 0 | 0 |
| -/+ buffers/cache: | | 376840 | 2702488 | | | |
| Swap: | 524288 | 0 | 524288 | | | |

conf:

```
PHYSPAGES="0:256M"
SWAPPAGES="0:512M"
KMEMSIZE="233M:256M"
DCACHESIZE="116M:128M"
LOCKEDPAGES="256M"
PRIVVMPAGES="unlimited"
SHMPAGES="unlimited"
NUMPROC="unlimited"
VMGUARPAGES="0:unlimited"
OOMGUARPAGES="0:unlimited"
NUMTCPSOCK="unlimited"
NUMFLOCK="unlimited"
NUMPTY="unlimited"
NUMSIGINFO="unlimited"
TCPSNDBUF="unlimited"
TCPRCVBUF="unlimited"
OTHERSOCKBUF="unlimited"
DGRAMRCVBUF="unlimited"
NUMOTHERSOCK="unlimited"
NUMFILE="unlimited"
NUMIPTENT="unlimited"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="10485760:11534336"
DISKINODES="200000:220000"
QUOTATIME="0"
```

Subject: Re: Container with vswap shows whole server memory
Posted by azagzin on Wed, 11 Jan 2012 15:39:32 GMT
View Forum Message <> Reply to Message

from VSWAP Wiki page:

New RHEL6-based OpenVZ kernel has a new memory management model, which supersedes User beancounters. It is called VSwap.

Subject: Re: Container with vswap shows whole server memory
Posted by mustardman on Wed, 11 Jan 2012 17:54:57 GMT
View Forum Message <> Reply to Message

vswap is not backwards compatible with OVZ rhel 5 kernel.

So you cannot use those ovz rhel 6 vswap config file.