
Subject: Wrong Memory in Containers
Posted by [domz](#) on Thu, 24 Jan 2013 18:32:55 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

I upgraded to 2.6.32-042stab072.10 on Centos 5.9 (Node), but it could be because I upgraded vzctl as well.

```
]# vzctl --help
vzctl version 4.1.2
```

It caused all my containers to have the wrong memory.

Instead of the assigned 8GB, it shows 8388607MB (8128GB).

Here is

```
cat /proc/user_beancounters
```

```
Version: 2.5
```

| uid | resource | held | maxheld | barrier | limit | failcnt |
|------|--------------|----------|----------|------------|------------|------------|
| 439: | kmemsize | 33977071 | 37609472 | 2147483646 | | 2147483646 |
| 0 | lockedpages | 0 | 4 | 999999 | 999999 | 0 |
| 0 | privvmpages | 295990 | 308029 | 1310720 | 1310720 | |
| 0 | shmpages | 1614 | 1614 | 917504 | 917504 | |
| 0 | dummy | 0 | 0 | 0 | 0 | 0 |
| 0 | numproc | 135 | 159 | 999999 | 999999 | 0 |
| 0 | physpages | 1444843 | 1452604 | 0 | 2147483647 | |
| 0 | vmguarpages | 0 | 0 | 917504 | 2147483647 | |
| 0 | oomguarpages | 76162 | 77756 | 917504 | 2147483647 | |
| 0 | numtcpsock | 161 | 900 | 7999992 | 7999992 | |
| 0 | numflock | 12 | 15 | 999999 | 999999 | 0 |
| 0 | numpty | 7 | 8 | 500000 | 500000 | 0 |
| 0 | numsiginfo | 0 | 21 | 999999 | 999999 | 0 |
| 0 | tcpsndbuf | 3236280 | 15696000 | 214748160 | 396774400 | |
| 0 | tcprcvbuf | 2690872 | 62795488 | 214748160 | 396774400 | |
| 0 | othersockbuf | 280776 | 313736 | 214748160 | 396774400 | |

| | | | | | | |
|---------|--------------|----------|-----------|------------|------------|---|
| | dgramrcvbuf | 422568 | 423856 | 214748160 | 396774400 | |
| 0 | numothersock | 167 | 179 | 7999992 | 7999992 | |
| 0 | dcachesize | 21509317 | 21618167 | 2147483646 | 2147483646 | |
| 0 | numfile | 2377 | 2535 | 23999976 | 23999976 | |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numiptent | 19 | 19 | 999999 | 999999 | 0 |
| 546: | kmemsize | 4550316 | 14438143 | 2147483646 | 2147483646 | |
| 0 | lockedpages | 0 | 1021 | 999999 | 999999 | 0 |
| 0 | privvmpages | 93802 | 365702 | 1310720 | 1310720 | |
| 0 | shmpages | 18 | 2034 | 917504 | 917504 | |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numproc | 19 | 45 | 999999 | 999999 | 0 |
| 0 | physpages | 309622 | 1671531 | 0 | 2147483647 | |
| 0 | vmguarpages | 0 | 0 | 917504 | 2147483647 | |
| 0 | oomguarpages | 67854 | 293832 | 917504 | 2147483647 | |
| 0 | numtcpsock | 91 | 1115 | 7999992 | 7999992 | |
| | numflock | 2 | 8 | 999999 | 999999 | 0 |
| | numpty | 0 | 2 | 500000 | 500000 | 0 |
| | numsiginfo | 1 | 24 | 999999 | 999999 | 0 |
| 1445672 | tcpsndbuf | 1607056 | 214748160 | 214748160 | 396774400 | |
| 0 | tcprcvbuf | 1905144 | 192710544 | 214748160 | 396774400 | |
| 0 | othersockbuf | 4624 | 61168 | 214748160 | 396774400 | |
| 0 | dgramrcvbuf | 0 | 19552 | 214748160 | 396774400 | |
| 0 | numothersock | 31 | 35 | 7999992 | 7999992 | |
| 0 | dcachesize | 634745 | 1239252 | 2147483646 | 2147483646 | |
| 0 | numfile | 384 | 3186 | 23999976 | 23999976 | |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |

| | | | | | | |
|------|--------------|----------|-----------|---------------------|---------------------|---|
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numiptent | 18 | 18 | 999999 | 999999 | 0 |
| 382: | kmemsize | 6434325 | 22081536 | 2147483646 | 2147483646 | |
| 0 | lockedpages | 0 | 484 | 999999 | 999999 | 0 |
| 0 | privvmpages | 303398 | 640758 | 1310720 | 1310720 | |
| 0 | shmpages | 142 | 1486 | 917504 | 917504 | |
| 0 | dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | numproc | 116 | 175 | 999999 | 999999 | 0 |
| 0 | physpages | 52469 | 764847 | 0 | 2147483647 | |
| 0 | vmguarpages | 0 | 0 | 917504 | 2147483647 | |
| 0 | oomguarpages | 36648 | 321438 | 917504 | 2147483647 | |
| 0 | numtcpsock | 25 | 353 | 7999992 | 7999992 | |
| 0 | numflock | 16 | 28 | 999999 | 999999 | 0 |
| 0 | numpty | 0 | 7 | 500000 | 500000 | 0 |
| 0 | numsignifo | 1 | 70 | 999999 | 999999 | 0 |
| 0 | tcpsndbuf | 436000 | 35246736 | 214748160 | 396774400 | |
| 0 | tcprcvbuf | 409600 | 177127096 | 214748160 | 396774400 | |
| 0 | othersockbuf | 90168 | 136104 | 214748160 | 396774400 | |
| 0 | dgramrcvbuf | 0 | 33888 | 214748160 | 396774400 | |
| 0 | numothersock | 89 | 96 | 7999992 | 7999992 | |
| 0 | dcachesize | 1192489 | 15076588 | 2147483646 | 2147483646 | |
| 0 | numfile | 977 | 6089 | 23999976 | 23999976 | |
| 0 | dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | numiptent | 18 | 18 | 999999 | 999999 | 0 |
| 209: | kmemsize | 10145520 | 17273071 | 2147483646 | 2147483646 | |
| 0 | lockedpages | 0 | 0 | 999999 | 999999 | 0 |
| 0 | privvmpages | 112494 | 494556 | 1310720 | 1310720 | |

| | | | | | | |
|---------------------|--------------|----------|-----------|---------------------|---------------------|---|
| 0 | shmpages | 144 | 1488 | 917504 | 917504 | |
| 0 | dummy | 0 | 0 | 0 | 0 | 0 |
| | numproc | 30 | 54 | 999999 | 999999 | 0 |
| | physpages | 1676074 | 3346819 | 0 | 2147483647 | |
| 0 | vmguarpages | 0 | 0 | 917504 | 2147483647 | |
| 0 | oomguarpages | 74834 | 465631 | 917504 | 2147483647 | |
| 0 | numtcpsock | 253 | 851 | 7999992 | 7999992 | |
| 0 | numflock | 3 | 7 | 999999 | 999999 | 0 |
| | numpty | 3 | 5 | 500000 | 500000 | 0 |
| | numsiginfo | 0 | 27 | 999999 | 999999 | 0 |
| | tcpsndbuf | 26722008 | 79257600 | 214748160 | 396774400 | |
| | 0 | | | | | |
| | tcprcvbuf | 17957864 | 214771792 | 214748160 | 396774400 | |
| 157685 | othersockbuf | 18496 | 72808 | 214748160 | 396774400 | |
| 0 | dgramrcvbuf | 0 | 121448 | 214748160 | 396774400 | |
| 0 | numothersock | 38 | 42 | 7999992 | 7999992 | |
| 0 | dcachesize | 2737627 | 5930198 | 2147483646 | 2147483646 | |
| 0 | 0 | | | | | |
| | numfile | 893 | 4328 | 23999976 | 23999976 | |
| 0 | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numiptent | 18 | 18 | 999999 | 999999 | 0 |
| 0: | kmemsize | 35109725 | 154087424 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | | |
| | lockedpages | 8444 | 8444 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | | |
| | privvmpages | 37285 | 43838 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | | |
| | shmpages | 693 | 1029 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | | |
| | dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | 0 | | | | | |
| | numproc | 311 | 475 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | | |
| | physpages | 140893 | 284096 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | | |

| | | | | | |
|---------------------|----------|-----------|---------------------|---------------------|---|
| vmguarpages | 0 | 0 | 0 | 0 | 0 |
| oomguarpages | 17097 | 17907 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| numtcpsock | 8 | 10 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| numflock | 7 | 11 | 9223372036854775807 | 9223372036854775807 | |
| 0 | | | | | |
| numpty | 1 | 1 | 9223372036854775807 | 9223372036854775807 | |
| 0 | | | | | |
| numsiginfo | 1 | 24 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| tcpsndbuf | 149032 | 175192 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| tcprcvbuf | 131072 | 163840 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| othersockbuf | 113288 | 176320 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| dgramrcvbuf | 0 | 4624 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| numothersock | 112 | 120 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| dcachesize | 20277210 | 138549389 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| numfile | 937 | 1175 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |
| dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | | | | | |
| dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | | | | | |
| dummy | 0 | 0 | 9223372036854775807 | 9223372036854775807 | |
| 0 | | | | | |
| numiptent | 76 | 76 | 9223372036854775807 | | |
| 9223372036854775807 | 0 | | | | |