Subject: Just wondering where the extra privvmpages come from
Posted by devonblzx on Thu, 19 Apr 2007 04:11:33 GMT
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free -m & physpages reports around 37MB of RAM used, while privvmpages shows ~190MB of RAM, I know kmemsize reports something but what is that in? Is that included in the privvmpages?

Here is my user_beancounters

[root@web01 /]# cat /proc/user_beancounters
Version: 2.5

| uid | resource | held | maxheld | barrier | limit | failcnt |
|---|---|---|---|---|---|---|
| 10: | kmemsize | 4346546 | 34056219 | 39999999 | 499999999 | 623 |
| | lockedpages | 0 | 4 | 32 | 32 | 0 |
| | privvmpages | 50226 | 164692 | 262144 | 262144 | 5 |
| | shmpages | 146 | 3457 | 8192 | 8192 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numproc | 52 | 203 | 250 | 250 | 48 |
| | physpages | 9512 | 82746 | 0 | 2147483647 | 0 |
| | vmguarpages | 0 | 0 | 65536 | 65536 | 0 |
| | oomguarpages | 9512 | 82746 | 204800 | 2147483647 | 0 |
| | numtcpsock | 13 | 361 | 9999 | 9999 | 315 |
| | numflock | 4 | 9 | 100 | 110 | 0 |
| | numpty | 4 | 4 | 16 | 16 | 0 |
| | numsiginfo | 0 | 146 | 256 | 256 | 0 |
| | tcpsndbuf | 121888 | 1554792 | 9999999 | 9999999 | 0 |
| | tcprcvbuf | 212992 | 3313040 | 9999999 | 9999999 | 0 |
| | othersockbuf | 14064 | 187896 | 999999 | 999999 | 0 |
| | dgramrcvbuf | 0 | 58416 | 132096 | 132096 | 0 |
| | numothersock | 9 | 27 | 150 | 150 | 0 |
| | dcachesize | 199800 | 641358 | 1048576 | 1097728 | 0 |
| | numfile | 1246 | 2879 | 99999 | 99999 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | dummy | 0 | 0 | 0 | 0 | 0 |
| | numiptent | 10 | 10 | 128 | 128 | 0 |

Why is there such a difference  between physpages and privvmpages?

Thanks in advance,
Devon

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Subject: Re: Just wondering where the extra privvmpages come from
Posted by Vasily Tarasov on Thu, 19 Apr 2007 06:49:29 GMT
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Hello,

There is a great page http://wiki.openvz.org/Privvmpages#privvmpages
where the meaning of all UBC parameters are explained.

Vasily.

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