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Subject: Re: Re: swap unlimited on the CT?

Posted by [Benjamin Henrion](#) on Wed, 19 Sep 2012 14:28:39 GMT

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On Thu, Sep 13, 2012 at 5:36 PM, Kir Kolyshkin <[kir@openvz.org](mailto:kir@openvz.org)> wrote:

> On 13 September 2012 17:20, Benjamin Henrion <[bh@udev.org](mailto:bh@udev.org)> wrote:

>> On Thu, Sep 13, 2012 at 3:06 PM, Benjamin Henrion <[bh@udev.org](mailto:bh@udev.org)> wrote:

>>> Hi,

>>>

>>> I am struggling to setup a container with unlimited parameters,

>>> including the swap.

>>>

>>> I put in my config:

>>>

>>> PHYSPAGES="unlimited"

>>> SWAPPAGES="unlimited"

>>

>> Ok found the solution, apparently, commenting SWAPPAGES or removing it

>> from the config makes the CT to have access to the whole swap of the

>> HN.

>>

>> Which is different from setting it to "unlimited". Strange, but it works...

>

> Strange indeed. Can you please revert back to config when it was not

> working as expected, restart CT and then provide the following:

>

> - cat /etc/vz/conf/\$CTID.conf

> - cat /proc/bc/\$CTID/resources

> - uname -a

> - vzctl --version

Here it is with 16G hardcoded, I would like to have it floating so that I do not have to template it for all the hosts:

=====

\$ cat /etc/vz/conf/\$CTID.conf

# UBC parameters (in form of barrier:limit)

# Primary parameters

AVNUMPROC="unlimited"

NUMPROC="unlimited"

NUMTCPSOCK="1801439850948198"

NUMOTHERSOCK="1801439850948198"

VMGUARPAGES="unlimited"

# Secondary parameters

KMEMSIZE="unlimited"

#TCPSNDBUF="2147483647:2147483647"

TCPSNDBUF="4611686018427387903:unlimited"

TCPRCVBUF="4611686018427387903:unlimited"

OTHERSOCKBUF="4611686018427387903:unlimited"

```
DGRAMRCVBUF="unlimited"
OOMGUARPAGES="unlimited"
# Auxiliary parameters
LOCKEDPAGES="unlimited"
SHMPAGES="unlimited"
PRIVVMPAGES="unlimited"
NUMFILE="unlimited"
NUMFLOCK="unlimited"
NUMPTY="unlimited"
NUMSIGINFO="unlimited"
DCACHESIZE="unlimited"
```

```
PHYSPAGES="0:unlimited"
NUMIPTENT="unlimited"
SWAPPAGES="16G"
```

```
# Disk quota parameters (in form of softlimit:hardlimit)
DISK_QUOTA="no"
IP_ADDRESS="192.168.20.101"
HOSTNAME="spear"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="openvz-20120912145112-stage3-amd64-20120614"
ORIGIN_SAMPLE="unlimited"
ONBOOT="yes"
```

```
=====
* 14:25 root@hn-101 /etc/vz# vzctl --version
vzctl version 3.0.29.3
* 14:25 root@hn-101 /etc/vz# uname -a
Linux hn-101 2.6.32-openvz-061.2 #1 SMP Tue Sep 11 09:11:46 UTC 2012
x86_64 Intel(R) Xeon(R) CPU E5-2690 0 @ 2.90GHz GenuineIntel GNU/Linux
```

```
=====
* 14:26 root@hn-101 /etc/vz# cat /proc/bc/1011/resources
      kmemsize      141938497      153149440
9223372036854775807 9223372036854775807      0
      lockedpages      0      0
9223372036854775807 9223372036854775807      0
      privvmpages      21028812      21323185
9223372036854775807 9223372036854775807      0
      shmpages      5243528      5244184
9223372036854775807 9223372036854775807      0
      numproc      78      156
9223372036854775807 9223372036854775807      0
      physpages      81651      106395
      0 9223372036854775807      0
      vmguarpages      0      0
9223372036854775807 9223372036854775807      0
      oomguarpages      19794      19794
```

9223372036854775807	9223372036854775807	0
numtcpsock	69 71	
1801439850948198	1801439850948198	0
numflock	1 11	
9223372036854775807	9223372036854775807	0
numpty	1 5	
9223372036854775807	9223372036854775807	0
numsiginfo	0 90	
9223372036854775807	9223372036854775807	0
tcpsndbuf	1284152 1378024	
4611686018427387903	9223372036854775807	0
tcpvcvbuf	1130496 1171984	
4611686018427387903	9223372036854775807	0
othersockbuf	191896 225968	
4611686018427387903	9223372036854775807	0
dgramrcvbuf	0 33032	
9223372036854775807	9223372036854775807	0
numothersock	233 256	
1801439850948198	1801439850948198	0
dcachesize	114319192 121356647	
9223372036854775807	9223372036854775807	0
numfile	502 1100	
9223372036854775807	9223372036854775807	0
numiptent	10 10	
9223372036854775807	9223372036854775807	0
swappages	0 0	
4194304	4194304 0	

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