
Subject: inconsistent physpages when validating config file
Posted by [narcisgarcia](#) on Wed, 23 Nov 2011 19:21:33 GMT
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I'm using Debian 6 (stable, Linux 2.6.32) with vzctl version 3.0.24
Look at error message and same memory results in the container.

```
$ getconf PAGE_SIZE
4096
```

```
$ vzctl create 777 --ostemplate debian-6.0-x86
Creating container private area (debian-6.0-x86)
Performing postcreate actions
Container private area was created
```

```
$ vzctl set 777 --physpages 0:256m --swappages 0:512m --setmode restart --save
Saved parameters for CT 777
```

```
$ vzlist --all --output ctid,physpages.b,physpages.l,swappages.b,swappages.l
  CTID  PHYSP.B  PHYSP.L  SWAPP.B  SWAPP.L
  777    0    65536    0    131072
```

```
$ vzctl start 777
Starting container ...
Container is mounted
Setting CPU units: 1000
Container start in progress...
```

```
$ vzctl exec 777 "free -m"
      total      used      free   shared  buffers   cached
Mem:      256       10       245        0        0        0
-/+ buffers/cache:      10       245
Swap:      512        0       512
```

```
$ vzcfgvalidate -r /etc/vz/conf/777.conf
Error: limit should be = 2147483647 for physpages (currently, 65536)
set to 2147483647
Validation completed: success
```

```
$ vzctl stop 777
Stopping container ...
Container was stopped
Container is unmounted
```

```
$ vzctl start 777
Starting container ...
Container is mounted
Setting CPU units: 1000
```

Container start in progress...

```
$ vzlist --all --output ctid,physpages.b,physpages.l,swappages.b,swappages.l
```

CTID	PHYSP.B	PHYSP.L	SWAPP.B	SWAPP.L
777	0	2147483647	0	0

```
$ vzctl exec 777 "free -m"
```

	total	used	free	shared	buffers	cached
Mem:	256	10	245	0	0	0
-/+ buffers/cache:		10	245			
Swap:	512	0	512			

```
$ vzcfgvalidate -r /etc/vz/conf/777.conf
```

Validation completed: success

I don't understand why physpages.l should be 2147483647 instead of 65536, and why once the value is "corrected", RAM and Swap for the container still have the initial values set.
