
Subject: help to optimize container

Posted by [contenidos2000-openvz](#) on Tue, 30 Aug 2011 10:49:18 GMT

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Hello

I have an openvz node with only one container (Cpanel server).

Yesterday I had many memories issues:

"Unable to fork: Cannot allocate memory"

Can someone help me to optimize my node setting ?

I have a 4Gb node and I can use all node resources for the container.

This is my resources output:

<http://pastebin.com/iPXnf0Se>

It appears this parameter failed:

```
cat /proc/user_beancounters
```

```
Version: 2.5
```

```
uid resource
```

```
held
```

```
maxheld          barrier
```

```
limit            failcnt
```

```
privvmpages
```

```
230416
```

```
1045032          900000
```

```
1000000          363565
```

This is my node settting:

```
cat /etc/vz/conf/100.conf
```

```
VERSION="2"
```

```
ONBOOT="yes"
```

```
NUMPROC="10230:10230"
```

```
AVNUMPROC="5115:5115"
```

```
NUMTCPSOCK="10230:10230"
```

NUMOTHERSOCK="10230:10230"
VMGUARPAGES="491520:9223372036854775807"

Secondary parameters

KMEMSIZE="419090432:460999475"
TCPSNDBUF="97794730:139696810"
TCPRCVBUF="97794730:139696810"
OTHERSOCKBUF="48897365:90799445"
DGRAMRCVBUF="48897365:48897365"
OOMGUARPAGES="917504:9223372036854775807"
PRIVVMPAGES="900000:1000000"

Auxiliary parameters

LOCKEDPAGES="20463:20463"
SHMPAGES="30695:30695"
PHYSPAGES="0:9223372036854775807"
NUMFILE="163680:163680"
NUMFLOCK="1000:1100"
NUMPTY="512:512"
NUMSIGINFO="1024:1024"
DCACHESIZE="91533669:94279680"
NUMIPTENT="400:500"
DISKSPACE="203811210:224192332"
DISKINODES="5000000:6000000"
CPUUNITS="139987"
VE_ROOT="/vz/root/\$VEID"
VE_PRIVATE="/vz/private/\$VEID"
ORIGIN_SAMPLE="1vs"

DISK_QUOTA="yes"
OSTEMPLATE="centos-5-x86_64"
IP_ADDRESS="xxx.xxx.xxx.xxx"
NAMESERVER="208.67.222.222 208.67.220.220"
HOSTNAME="xxx.xxxxxxx.xxx"
QUOTAUGIDLIMIT="800"
DISKSPACE="204857600:215302400"
QUOTATIME="1200"

Any help ? Thanks in advance.

roberto

Subject: RE: help to optimize container
Posted by [Esm](#) on Tue, 30 Aug 2011 11:50:36 GMT

Hi Roberto,

My experience is that you could best allocate more memory to your container and raise the privvmpages to a value higher than the maxheld value. See if your memory problem is gone or work from there to allocate more resources.

Cheers,

Esmé

Van: users-bounces@openvz.org [mailto:users-bounces@openvz.org] Namens contenidos2000-openvz@yahoo.com.ar

Verzonden: dinsdag 30 augustus 2011 12:49

Aan: Openvz

Onderwerp: [Users] help to optimize container

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Version: 2.5
      uid resource      held      maxheld
barrier      limit      failcnt
      privvmpages      230416      1045032
900000      1000000      363565
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```
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```
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```

```
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```

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roberto
