
Subject: *SOLVED* OutOfMemoryError

Posted by [goeldi](#) on Fri, 27 Oct 2006 13:37:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

I am getting this error message, when I try to compile ant java inside a slackware vps (jdk-1_5_0_09 + apache-ant-1.6.5).

BUILD FAILED

/usr/local/src/lamp_so/apache-ant-1.6.5/build.xml:1316: The following error occurred while executing this line:

java.lang.OutOfMemoryError: unable to create new native thread

I already increased the settings in the conf file. The hardware node has 2GB RAM.

Here are my conf files:

----- 200.conf -----

ONBOOT="yes"

UBC parameters (in form of barrier:limit)

Primary parameters

AVNUMPROC="1300:1300"

NUMPROC="1300:1300"

NUMTCPSOCK="100:100"

NUMOTHERSOCK="100:100"

VMGUARPAGES="1996144:2147483647"

Secondary parameters

KMEMSIZE="18752512:1999990102"

TCPSNDBUF="319488:772428"

TCPRCVBUF="319488:724288"

OTHERSOCKBUF="132096:636896"

DGRAMRCVBUF="132096:332096"

OOMGUARPAGES="996144:1547483647"

Auxiliary parameters

LOCKEDPAGES="200:200"

SHMPAGES="10192:40192"

PRIVVMPAGES="89152:1873575"

NUMFILE="2048:2048"

NUMFLOCK="100:110"

NUMPTY="26:26"

NUMSIGINFO="1024:1024"

DCACHESIZE="19048576:52977208"

PHYSPAGES="214700000:2147000000"

NUMIPTENT="5000:5000"

Disk quota parameters (in form of softlimit:hardlimit)

DISKSPACE="20000000:90000000"

```
DISKINODES="9000000:9900000"  
QUOTATIME="90000"
```

```
# CPU fair sheduler parameter  
CPUUNITS="1700"  
IP_ADDRESS="192.168.100.7"  
HOSTNAME="slacky"  
VE_ROOT="/home/vz/root/$VEID"  
VE_PRIVATE="/home/vz/private/$VEID"  
OSTEMPLATE="slackware-10.2-i386-minimal"  
ORIGIN_SAMPLE="vps.basic"  
NAMESERVER="192.168.100.4"  
SEARCHDOMAIN="myhome.ch"  
QUOTAUGIDLIMIT="1000"  
----- end of 200.conf -----
```

```
----- vz.conf -----
```

```
## Global parameters  
VIRTUOZZO=yes  
LOCKDIR=/vz/lock  
DUMPDIR=/vz/dump  
VE0CPUUNITS=1000  
http_proxy=http://proxy.myhome.ch:3128/  
proxy_username=myhelp.yoursolution  
proxy_password=pronto
```

```
## Logging parameters  
LOGGING=yes  
LOGFILE=/var/log/vzctl.log  
LOG_LEVEL=0
```

```
## Disk quota parameters  
DISK_QUOTA=yes  
VZFASTBOOT=no
```

```
# The name of the device whose ip address will be used as source ip for VE.  
# By default automatically assigned.  
#VE_ROUTE_SRC_DEV="eth0"
```

```
## Template parameters  
TEMPLATE=/vz/template
```

```
## Defaults for VEs  
VE_ROOT=/home/vz/root/$VEID  
VE_PRIVATE=/home/vz/private/$VEID  
CONFIGFILE="vps.basic"  
DEF_OSTEMPLATE="fedora-core-4"
```

```
## Load vzwdog module
VZWDOG="no"
```

```
IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
----- end of vz.conf -----
```

Subject: Re: OutOfMemoryError
Posted by [curx](#) on Fri, 27 Oct 2006 14:04:32 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

in your VE :

```
# cat /proc/user_beancounters
```

Some of your UBC settings (like privvmpages, etc) may to low.

Subject: Re: OutOfMemoryError
Posted by [goeldi](#) on Fri, 27 Oct 2006 14:19:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

```
cat /proc/user_beancounters:
```

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt	
200:	kmemsize	1008030	1742092	18752512	1999990102	0	0
	lockedpages	0	0	200	200	0	
	privvmpages	6538	114332	89152	1873575	124567	
	shmpages	1280	1296	10192	40192	0	
	dummy	0	0	0	0	0	
	numproc	14	29	1300	1300	0	
	physpages	1643	26090	214700000	2147000000	0	0
	vmguarpages	0	0	1996144	2147483647	0	0
	oomguarpages	1643	26090	996144	1547483647	0	0
	numtcpsock	5	6	100	100	0	
	numflock	1	3	100	110	0	
	numpty	2	2	26	26	0	
	numsignifo	0	10	1024	1024	0	
	tcpsndbuf	4472	167700	319488	772428	0	0
	tcpcvbuf	0	55900	319488	724288	0	0
	othersockbuf	6708	10088	132096	636896	0	0

dgramrcvbuf	0	2236	132096	332096	0
numothersock	7	10	100	100	0
dcachesize	0	0	19048576	52977208	0
numfile	336	642	2048	2048	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	10	10	5000	500	

Subject: Re: OutOfMemoryError
Posted by [curx](#) on Fri, 27 Oct 2006 14:31:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi goeldi,

Take a look in your privvmpages settings:

privvmpages 6538 114332 89152 1873575 124567 <- failcnt, show's you that the settings are to low,
so increase it ... Read more at http://wiki.openvz.org/Resource_shortage

Subject: Re: OutOfMemoryError
Posted by [goeldi](#) on Fri, 27 Oct 2006 14:56:22 GMT
[View Forum Message](#) <> [Reply to Message](#)

Now it works. Thank you very much!
