Subject: *SOLVED* OutOfMemoryError
Posted by goeldi on Fri, 27 Oct 2006 13:37:57 GMT
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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
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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
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cat /proc/user_beancounters:

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
200:	kmemsize	1008030	1742092	18752512	1999990102	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
	vmguarpages	0	0	1996144	2147483647	0
	oomguarpages	1643	26090	996144	1547483647	0
	numtcpsock	5	6	100	100	0
	numflock	1	3	100	110	0
	numpty	2	2	26	26	0
	numsiginfo	0	10	1024	1024	0
	tcpsndbuf	4472	167700	319488	772428	0
	tcprcvbuf	0	55900	319488	724288	0
	othersockbuf	6708	10088	132096	636896	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
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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

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Subject: Re: OutOfMemoryError
Posted by goeldi on Fri, 27 Oct 2006 14:56:22 GMT
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Now it works. Thank you very much!
