Subject: Re: OOM didn't save the machine
Posted by lazy on Mon, 30 Mar 2009 19:24:58 GMT
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Thank's for Your answer.

It's possible the "leak" started after the machine was rsynced (f

Now it's happening again, apache process is using 100% cpu, I can't enter the vps beancounters bellow

```
3000:  kmemsize          68901194         68920466        668435456        836870912
           0
       lockedpages           0                0             2562             2562                0
       privvmpages      157683           171574           512000           537600
   0
       shmpages             284              284            15374            15374                0
       dummy                  0                0                0                0                0
       numproc               98              127             2000             2000                0
       physpages          50345            59833                0  9223372036854775807
     0
       vmguarpages            0                0            35236  9223372036854775807
    0
       oomguarpages       50345            59833            35236  9223372036854775807
           0
       numtcpsock            15               95             2000             2000                0
       numflock               1               13             1000             1100                0
       numpty                 0                1              200              200                0
       numsiginfo             1               30             1024             1024                0
       tcpsndbuf         178640          1460304          9300923         17492923
    0
       tcprcvbuf           1296           286512           638976          1048576
0
       othersockbuf       11600          1270944          4650461         12842461
     0
       dgramrcvbuf            0             4368          4650461          4650461
0
       numothersock           9               33             8000             9000                0
       dcachesize             0                0         11452893         11796480                0
       numfile             3101             4801            20480            20480                0
       dummy                  0                0                0                0                0
       dummy                  0                0                0                0                0
       dummy                  0                0                0                0                0
       numiptent             10               10              200              200                0
     0:  kmemsize          49891537         49960180  9223372036854775807
9223372036854775807              0
       lockedpages            0                0  9223372036854775807
```

9223372036854775807 0
privvmpages 6277 18544 9223372036854775807
9223372036854775807 0
shmpages 647 663 9223372036854775807
9223372036854775807 0
dummy 0 0 9223372036854775807 9223372036854775807
0
numproc 90 98 9223372036854775807
9223372036854775807 0
physpages 3690 15435 9223372036854775807
9223372036854775807 0
vmguarpages 0 0 9223372036854775807
9223372036854775807 0
oomguarpages 3697 15435 9223372036854775807
9223372036854775807 0
numtcpsock 5 6 9223372036854775807
9223372036854775807 0
numflock 1 7 9223372036854775807 9223372036854775807
0
numpty 4 4 9223372036854775807 9223372036854775807
0
numsiginfo 1 3 9223372036854775807 9223372036854775807
0
tcpsndbuf 85216 698000 9223372036854775807
9223372036854775807 0
tcprcvbuf 81920 1312608 9223372036854775807
9223372036854775807 0
othersockbuf 9280 24832 9223372036854775807
9223372036854775807 0
dgramrcvbuf 0 8464 9223372036854775807
9223372036854775807 0
numothersock 22 27 9223372036854775807
9223372036854775807 0
dcachesize 0 0 9223372036854775807 9223372036854775807
0
numfile 1680 1825 9223372036854775807
9223372036854775807 0
dummy 0 0 9223372036854775807 9223372036854775807
0
dummy 0 0 9223372036854775807 9223372036854775807
0
dummy 0 0 9223372036854775807 9223372036854775807
0
numiptent 10 10 9223372036854775807
9223372036854775807 0

this apache is heavly modified and it can be stuck in some recvmsg, i cant kill -9, memory is starting to be eaten

meminfo from hn
MemTotal: 8161180 kB
MemFree: 55608 kB
Buffers: 114284 kB
Cached: 2716572 kB
SwapCached: 0 kB
Active: 3450172 kB
Inactive: 2065236 kB
HighTotal: 0 kB
HighFree: 0 kB
LowTotal: 8161180 kB
LowFree: 55608 kB
SwapTotal: 1023992 kB
SwapFree: 1023964 kB
Dirty: 9504 kB
Writeback: 188 kB
AnonPages: 2683688 kB
Mapped: 28620 kB
Slab: 2479572 kB
PageTables: 32560 kB
NFS_Unstable: 0 kB
Bounce: 0 kB
CommitLimit: 5104580 kB
Committed_AS: 4361756 kB
VmallocTotal: 34359738364 kB
VmallocUsed: 273424 kB
VmallocChunk: 34359464744 kB

vps are eating total 2,6G physp + 2,6G cache and 140M free

any pointers how to kill that vps, i'm thinging about taking away its privvmpages and thus forcing oom

this process is untracable

its wchan is init_level4_pg, and is eating 100% cpu

vzctl enter 3000 ends
brk(0xa41e000)   = 0xa41e000
rt_sigaction(SIGPIPE, {SIG_IGN}, NULL, = 0
open("/etc/vz/vz.conf", O_RDONLY)   = 3
stat("/etc/vz/vz.conf", {st_mode=S_IFREG|0644, st_size=1103, ...}) = 0
fstat(3, {st_mode=S_IFREG|0644, st_size=1103, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =

```
0x2b3071a0b000
read(3, "## Global parameters\nVIRTUOZZO=y"..., 4096) = 1103
read(3, "", 4096)                       = 0
close(3)                                = 0
munmap(0x2b3071a0b000, 4096)            = 0
open("/var/log/vzctl.log", O_WRONLY|O_APPEND|O_CREAT, 0666) = 3
fstat(3, {st_mode=S_IFREG|0644, st_size=0, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x2b3071a0b000
fstat(3, {st_mode=S_IFREG|0644, st_size=0, ...}) = 0
lseek(3, 0, SEEK_SET)                   = 0
stat("/etc/vz/conf/3000.conf", {st_mode=S_IFREG|0644, st_size=1194, ...}) = 0
open("/etc/vz/conf/3000.conf", O_RDONLY) = 4
stat("/etc/vz/conf/3000.conf", {st_mode=S_IFREG|0644, st_size=1194, ...}) = 0
fstat(4, {st_mode=S_IFREG|0644, st_size=1194, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x2b3071a0c000
read(4, "# Configuration file generated b"..., 4096) = 1194
read(4, "", 4096)                       = 0
close(4)                                = 0
munmap(0x2b3071a0c000, 4096)            = 0
fcntl(0, F_GETFL)                       = 0x8002 (flags O_RDWR|O_LARGEFILE)
fcntl(1, F_GETFL)                       = 0x8002 (flags O_RDWR|O_LARGEFILE)
fcntl(2, F_GETFL)                       = 0x8002 (flags O_RDWR|O_LARGEFILE)
open("/dev/vzctl", O_RDWR)              = 4
ioctl(4, 0x400c2e05, 0x7fff392db2f0)    = 0
ioctl(4, 0x400c2e05, 0x7fff392db150)    = 0
clone(child_stack=0, flags=CLONE_CHILD_CLEARTID|CLONE_CHILD_SETTID|SIGCHLD,
child_tidptr=0x2b3071e52b70) = 4189
wait4(4189,

root     2283  0.0  0.0  10228   872 pts/2    S+   21:01   0:00 vzctl enter 3000
root     2284  0.0  0.0  10228   376 ?        Ds   21:01   0:00 vzctl enter 3000
```