
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
tcp sndbuf	178640	1460304	9300923	17492923	
0					
tcp rcvbuf	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 heavily 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

```