Subject: OOM Killer strange behavior Posted by dannyg on Thu, 28 Sep 2017 22:43:55 GMT View Forum Message <> Reply to Message

Hello all,

I will really appreciate assistance with the following issue which is a blocker for us.

We have a product deployed on CentosOS 6.9 with OpenVZ. Machine RAM size 32 GB + Swap file (16 GB). The following described issue was reproduced on OpenVZ kernels 2.6.32-042stab125.1, 2.6.32-042stab123.9, .6.32-042stab123.2, 2.6.32-042stab120.11

For debugging the single container on the host is stopped. We observed that OOM Killer is invoked whenever host RAM usage without buffers reach ~13 GB:

Free command output (few seconds before OOM killer invoked): total used free shared buffers cached

Mem: 32793080 23197272 9595808 920 135992 10276712 -/+ buffers/cache: 12784568 20008512 Swap: 16465916 0 16465916

On the message buffer, we see that the machine memory state just before the OOM killer invocation is: RAM: 2097074 / 2097152 [1] SWAP: 1048576 / 1048576 [1] KMEM: 227942400 /

Again machine has 32 GB, only 13 GB is used, no swap usage so where those values came from and why OOM killer is invoked in this stage?

The issue is reproducible with similar results every time.

Is it same way to totally disable the OOM killer? Should I open a defect for this?

BTW attaching file to this post failed (state that file is too big though it only 33K) III be glad to provide any required detail (like sysctl a output)

Regards, Danny