
Subject: Re: Openvz7 container hangs at out of memory

Posted by [save92](#) on Mon, 11 Sep 2017 09:53:22 GMT

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We are experiencing the same problem.

Kernel is 3.10.0-514.26.1.vz7.35.6

When a CT runs out of memory sometimes (not always), it freezes. When it happens, load average goes high and vzlist reports the same LA for each node:

```
vzlist -o ctid,laverage
```

```
      CTID    LAVERAGE
1075 51.21/47.98/73.69
1190 51.21/47.98/73.69
1324 51.21/47.98/73.69
1327 51.21/47.98/73.69
1332 51.21/47.98/73.69
1343 51.21/47.98/73.69
```

dmesg gets full of errors like:

```
[Mon Sep 11 11:27:10 2017] java invoked oom-killer: gfp_mask=0xd0, order=0, oom_score_adj=0
```

```
[Mon Sep 11 11:27:10 2017] java cpuset=1652 mems_allowed=0-1
```

```
[Mon Sep 11 11:27:10 2017] CPU: 7 PID: 248313 Comm: java ve: 1652 Not tainted
```

```
3.10.0-514.26.1.vz7.35.6 #1 35.6
```

```
[Mon Sep 11 11:27:10 2017] Hardware name: Supermicro SYS-1028TP-DTR/X10DRT-P, BIOS
2.0a 08/12/2016
```

```
[Mon Sep 11 11:27:10 2017] 0000000000000000 000000007626cf68 ffff881eeebd3c98
ffff8816838f0
```

```
[Mon Sep 11 11:27:10 2017] ffff881eeebd3d28 ffffff816801eb 0000000000000000
000000000000001f9
```

```
[Mon Sep 11 11:27:10 2017] ffff8812e044b890 ffff881eeebd3d20 ffffff81191507
ffff881eeebd3fd8
```

```
[Mon Sep 11 11:27:10 2017] Call Trace:
```

```
[Mon Sep 11 11:27:10 2017] [<ffff8816838f0>] dump_stack+0x19/0x1b
```

```
[Mon Sep 11 11:27:10 2017] [<ffff8816801eb>] dump_header+0x8e/0x225
```

```
[Mon Sep 11 11:27:10 2017] [<ffff881191507>] ? __add_to_page_cache_locked+0x97/0x310
```

```
[Mon Sep 11 11:27:10 2017] [<ffff88119596c>] oom_kill_process+0x5ec/0x640
```

```
[Mon Sep 11 11:27:10 2017] [<ffff8811bdae>] ? get_task_oom_score_adj+0xee/0x100
```

```
[Mon Sep 11 11:27:10 2017] [<ffff88120a749>] mem_cgroup_oom_synchronize+0x499/0x4e0
```

```
[Mon Sep 11 11:27:10 2017] [<ffff8811c5e14>] ? handle_mm_fault+0x9e4/0xdc0
```

```
[Mon Sep 11 11:27:10 2017] [<ffff881195f13>] pagefault_out_of_memory+0x13/0x50
```

```
[Mon Sep 11 11:27:10 2017] [<ffff88167e56a>] mm_fault_error+0x68/0x12b
```

```
[Mon Sep 11 11:27:10 2017] [<ffff88168f025>] __do_page_fault+0x395/0x450
```

```
[Mon Sep 11 11:27:10 2017] [<ffff88168f115>] do_page_fault+0x35/0x90
```

```
[Mon Sep 11 11:27:10 2017] [<ffff88168b2c8>] page_fault+0x28/0x30
```

```
[Mon Sep 11 11:27:10 2017] Task in /machine.slice/1652 killed as a result of limit of
/machine.slice/1652
```

[Mon Sep 11 11:27:10 2017] memory: usage 16699852kB, limit 16777216kB, failcnt 0
[Mon Sep 11 11:27:10 2017] memory+swap: usage 16908288kB, limit 16908288kB, failcnt 63525
[Mon Sep 11 11:27:10 2017] kmem: usage 146276kB, limit 9007199254740988kB, failcnt 0
[Mon Sep 11 11:27:10 2017] Memory cgroup stats for /machine.slice/1652: rss_huge:7802880KB
mapped_file:36KB shmem:348KB slab_unreclaimable:55796KB swap:208436KB cache:556KB
rss:16553020KB slab_reclaimable:34504KB inactive_anon:1985016KB active_anon:14568352KB inactive_file:12KB
active_file:8KB unevictable:0KB
[Mon Sep 11 11:27:10 2017] Memory cgroup out of memory: Kill process 1008195 (java) score
217 or sacrifice child
[Mon Sep 11 11:27:10 2017] Killed process 37119 (java) in VE "1652" total-vm:9411892kB,
anon-rss:3677412kB, file-rss:0kB, shmem-rss:0kB
