
Subject: CT: failed to start with err=-12
Posted by [lours](#) on Wed, 28 Oct 2009 07:25:40 GMT
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Hie,

I have CT: 150: failed to start with err=-12 on my server and ENOMEM (Cannot allocate memory) in strace

VT 101 to 149 works without trouble but 150 fail to start, so i have currently 49 virtuals running

I think i have enough memory and i can't find where is the problem.

Can somebody help me

Server : Ubuntu TLS 8.04 on power Edge 620

free

| | total | used | free | shared | buffers | cached |
|--------------------|---------|---------|---------|--------|---------|---------|
| Mem: | 8171912 | 4117748 | 4054164 | 0 | 149988 | 1683428 |
| -/+ buffers/cache: | 2284332 | 5887580 | | | | |
| Swap: | 1951856 | 46380 | 1905476 | | | |

With /var/lib/vz link in /home/vz

df -h

| Sys. de fich. | Tail. | Occ. | Disp. | %Occ. | Monté sur |
|---------------|-------|------|-------|-------|--|
| /dev/sda1 | 9,3G | 5,3G | 3,6G | 60% | / |
| varrun | 3,9G | 88K | 3,9G | 1% | /var/run |
| varlock | 3,9G | 0 | 3,9G | 0% | /var/lock |
| udev | 3,9G | 76K | 3,9G | 1% | /dev |
| devshm | 3,9G | 0 | 3,9G | 0% | /dev/shm |
| lrm | 3,9G | 47M | 3,9G | 2% | /lib/modules/2.6.24-25-openvz/volatile |
| /dev/sda8 | 113G | 32G | 76G | 30% | /home |
| /dev/sda7 | 1,9G | 35M | 1,8G | 2% | /tmp |
| /dev/sda6 | 9,3G | 1,6G | 7,3G | 18% | /var/log |

ulimit are default ubuntu

ulimit -a

| | | |
|---------------------|--------------|-----------|
| core file size | (blocks, -c) | 0 |
| data seg size | (kbytes, -d) | unlimited |
| scheduling priority | (-e) | 0 |
| file size | (blocks, -f) | unlimited |
| pending signals | (-i) | 71680 |
| max locked memory | (kbytes, -l) | 32 |

```

max memory size      (kbytes, -m) unlimited
open files           (-n) 1024
pipe size            (512 bytes, -p) 8
POSIX message queues (bytes, -q) 819200
real-time priority   (-r) 0
stack size           (kbytes, -s) 8192
cpu time             (seconds, -t) unlimited
max user processes   (-u) 71680
virtual memory       (kbytes, -v) unlimited
file locks           (-x) unlimited

```

Output of vzmemcheck

```
#vzmemcheck -v
```

| veid | LowMem util | LowMem commit | RAM util | MemSwap util | MemSwap commit | MemSwap limit | Alloc | Alloc | Alloc |
|------|----------------|------------------|-------------|-----------------|-------------------|------------------|-------|-------|-------|
| 102 | 0.19 | 0.70 | 0.25 | 0.20 | 0.67 | 0.38 | 0.67 | 3.18 | |
| 101 | 0.04 | 0.70 | 0.14 | 0.11 | 0.67 | 0.14 | 0.67 | 3.18 | |
| 149 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 148 | 0.10 | 0.70 | 0.22 | 0.18 | 0.67 | 0.25 | 0.67 | 3.18 | |
| 147 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 146 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 145 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 144 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 143 | 0.10 | 0.70 | 0.73 | 0.59 | 0.67 | 0.65 | 0.67 | 3.18 | |
| 142 | 0.10 | 0.70 | 0.67 | 0.54 | 0.67 | 0.60 | 0.67 | 3.18 | |
| 141 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 140 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 139 | 0.11 | 0.70 | 0.70 | 0.57 | 0.67 | 0.63 | 0.67 | 3.18 | |
| 138 | 0.12 | 0.70 | 0.98 | 0.79 | 0.67 | 0.85 | 0.67 | 3.18 | |
| 137 | 0.08 | 0.70 | 0.19 | 0.16 | 0.67 | 0.22 | 0.67 | 3.18 | |
| 136 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 135 | 0.10 | 0.70 | 0.30 | 0.24 | 0.67 | 0.32 | 0.67 | 3.18 | |
| 134 | 0.11 | 0.70 | 0.77 | 0.62 | 0.67 | 0.69 | 0.67 | 3.18 | |
| 133 | 0.07 | 0.70 | 0.18 | 0.15 | 0.67 | 0.20 | 0.67 | 3.18 | |
| 132 | 0.10 | 0.70 | 0.39 | 0.31 | 0.67 | 0.39 | 0.67 | 3.18 | |
| 131 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 130 | 0.07 | 0.70 | 0.28 | 0.23 | 0.67 | 0.27 | 0.67 | 3.18 | |
| 129 | 0.10 | 0.70 | 0.34 | 0.27 | 0.67 | 0.35 | 0.67 | 3.18 | |
| 128 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 127 | 0.10 | 0.70 | 0.24 | 0.20 | 0.67 | 0.28 | 0.67 | 3.18 | |
| 126 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 125 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 | |
| 124 | 0.11 | 0.70 | 1.36 | 1.10 | 0.67 | 1.16 | 0.67 | 3.18 | |
| 123 | 0.10 | 0.70 | 0.97 | 0.78 | 0.67 | 0.85 | 0.67 | 3.18 | |
| 122 | 0.10 | 0.70 | 0.86 | 0.70 | 0.67 | 0.77 | 0.67 | 3.18 | |

| | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|
| 121 | 0.10 | 0.70 | 0.35 | 0.28 | 0.67 | 0.36 | 0.67 | 3.18 |
| 120 | 0.10 | 0.70 | 0.81 | 0.65 | 0.67 | 0.72 | 0.67 | 3.18 |
| 119 | 0.10 | 0.70 | 0.67 | 0.54 | 0.67 | 0.60 | 0.67 | 3.18 |
| 118 | 0.11 | 0.70 | 0.87 | 0.70 | 0.67 | 0.78 | 0.67 | 3.18 |
| 117 | 0.10 | 0.70 | 0.83 | 0.67 | 0.67 | 0.74 | 0.67 | 3.18 |
| 116 | 0.11 | 0.70 | 0.63 | 0.51 | 0.67 | 0.57 | 0.67 | 3.18 |
| 115 | 0.10 | 0.70 | 0.51 | 0.41 | 0.67 | 0.48 | 0.67 | 3.18 |
| 114 | 0.10 | 0.70 | 0.71 | 0.58 | 0.67 | 0.64 | 0.67 | 3.18 |
| 113 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 |
| 112 | 0.10 | 0.70 | 0.87 | 0.70 | 0.67 | 0.77 | 0.67 | 3.18 |
| 111 | 0.11 | 0.70 | 0.82 | 0.66 | 0.67 | 0.73 | 0.67 | 3.18 |
| 110 | 0.10 | 0.70 | 0.79 | 0.63 | 0.67 | 0.70 | 0.67 | 3.18 |
| 109 | 0.07 | 0.70 | 0.19 | 0.15 | 0.67 | 0.47 | 0.67 | 3.18 |
| 108 | 0.11 | 0.70 | 1.35 | 1.09 | 0.67 | 1.16 | 0.67 | 3.18 |
| 107 | 0.10 | 0.70 | 1.25 | 1.01 | 0.67 | 1.07 | 0.67 | 3.18 |
| 106 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 |
| 105 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 |
| 104 | 0.05 | 0.70 | 0.17 | 0.14 | 0.67 | 0.17 | 0.67 | 3.18 |
| 103 | 0.09 | 0.70 | 0.75 | 0.61 | 0.67 | 0.67 | 0.67 | 3.18 |

Summary: 4.13 34.30 23.73 19.16 33.03 22.25 33.03 155.96

The configuration ws created whith vzsplit -n 150, attached below

In attachement the trace log

```
#strace -fv vzctl start 150
```

Please can't someone tail me what a miss

Thanks

File Attachments

- 1) [trace.log](#), downloaded 253 times
 - 2) [ve-split150.conf-sample](#), downloaded 261 times
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