Subject: malloc failed (31007702 bytes): Cannot allocate memory
Posted by hxla on Tue, 07 Dec 2010 17:34:40 GMT
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Hello,

I'm quite new to the OpenVz tools and concepts

but I have a doubt

I have a VM on VirtualBox running Debian Squeeze 32 bits, with 512M of RAM that runs some java applications, when all applications are running I get almost 100M of free memory

I want to migrate this VM to OpenVz, then I created a VE with 512M, at least I think so, and when I start half of the applications I run it consumes all my 512M, I don't think the application is using all of this

I don't know how this work, if OpenVz needs more memory to run, or if I didn't set the VE correctly

please gives me help or explain how does it work

Thanks in advance,
Wagner

Subject: Re: malloc failed (31007702 bytes): Cannot allocate memory
Posted by Ales on Tue, 07 Dec 2010 18:49:07 GMT
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Could you please post what your 'top' shows and the container settings?

Subject: Re: malloc failed (31007702 bytes): Cannot allocate memory
Posted by hxla on Tue, 07 Dec 2010 20:01:59 GMT
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the top of the container is attached

here is the /proc/user_beancounters of the container

cat /proc/user_beancounters
Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
38:	kmemsize	5580910	8351866	9123104143	9123104143	0
	lockedpages	0	101	256	256	66
	privvmpages	128920	231903	131072	262144	

```
56875
        shmpages              1         1936        21504        21504              0
        dummy                 0            0            0            0              0
        numproc             107          172          240          240              0
        physspages        40936        92920            0 9223372036854775807
      0
        vmguarpages           0            0   9123104143   9123104143
  0
        oomguarpages      40936        92920       262144       384000
  0
        numtcpsock           18           31          360          360              0
        numflock              8           20          188          206              0
        numpty                1            3           16           16              0
        numsiginfo            0           36          256          256              0
        tcpsndbuf        174400       503712      1720320      2703360
  0
        tcprcvbuf        163840       223496      1720320      2703360
 0
        othersockbuf     168776       207520      1126080      2097152
   0
        dgramrcvbuf           0         2312       262144       262144              0
        numothersock        130          151          360          360              0
        dcachesize       561145       740818      3409920      3624960
  0
        numfile             2182         3093         9312         9312              0
        dummy                 0            0            0            0              0
        dummy                 0            0            0            0              0
        dummy                 0            0            0            0              0
        numiptent            10           10          128          128              0
```

Thanks

File Attachments

1) top.png, downloaded 378 times