
Subject: nagios: Warning: The check of host '****' could not be performed due to a fork() error:

Posted by [romeor](#) on Mon, 16 Aug 2010 06:22:07 GMT

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hello, sirs!

I've installed the nagios with nagvis plugin and from time to time it stops to respond, while i still can vzctl enter into this machine.

i receive this message in /var/log/messages

Warning: The check of host '****' could not be performed due to a fork() error: 'Cannot allocate memory'.

here is the conf of this container:

Primary parameters

NUMPROC="8000:8000"

NUMTCPSOCK="9223372036854775807:9223372036854775807"

NUMOTHERSOCK="9223372036854775807:9223372036854775807"

VMGUARPAGES="603785:9223372036854775807"

Secondary parameters

KMEMSIZE="9223372036854775807:9223372036854775807"

OOMGUARPAGES="603785:9223372036854775807"

PRIVVMPAGES="603785:664163"

TCPSNDBUF="9223372036854775807:9223372036854775807"

TCPRCVBUF="9223372036854775807:9223372036854775807"

OTHERSOCKBUF="9223372036854775807:9223372036854775807"

DGRAMRCVBUF="9223372036854775807:9223372036854775807"

Auxiliary parameters

NUMFILE="9223372036854775807:9223372036854775807"

NUMFLOCK="9223372036854775807:9223372036854775807"

NUMPTY="512:512"

NUMSIGINFO="1024:1024"

DCACHESIZE="9223372036854775807:9223372036854775807"

LOCKEDPAGES="20126:20126"

SHMPAGES="9223372036854775807:9223372036854775807"

NUMIPTENT="9223372036854775807:9223372036854775807"

PHYSPAGES="0:9223372036854775807"

Disk quota parameters

DISKSPACE="10485760:11534336"

DISKINODES="2000000:2200000"

QUOTATIME="0"

QUOTAUGIDLIMIT="0"

and

sisemon:~# cat /proc/bc/105/resources

kmemsize	30949316	42515317	9223372036854775807		
9223372036854775807	0				
lockedpages	0	0	20126	20126	0
privvmpages	327761	1143370	603785	664163	
98961					
shmpages	671	687	9223372036854775807		
9223372036854775807	0				
numproc	41	92	8000	8000	0
physpages	293667	294962	0	9223372036854775807	
0					
vmguarpages	0	0	603785	9223372036854775807	
0					
oomguarpages	293668	294963	603785		
9223372036854775807	0				
numtcpsock	16	19	9223372036854775807		
9223372036854775807	0				
numflock	17	21	9223372036854775807		
9223372036854775807	0				
numpty	1	2	512	512	0
numsignifo	0	20	1024	1024	0
tcpsndbuf	320000	1016320	9223372036854775807		
9223372036854775807	0				
tcprcvbuf	262144	210688	9223372036854775807		
9223372036854775807	0				
othersockbuf	19968	81920	9223372036854775807		
9223372036854775807	0				
dgramrcvbuf	0	497920	9223372036854775807		
9223372036854775807	0				
numothersock	19	39	9223372036854775807		
9223372036854775807	0				
dcachesize	1405444	1438558	9223372036854775807		
9223372036854775807	0				
numfile	67141	67298	9223372036854775807		
9223372036854775807	0				
numiptent	14	14	9223372036854775807		
9223372036854775807	0				

my kernel is 2.6.24-11 and containers are managed by proxmox.
and the TOP output is:

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
533	nagios	20	0	1229m	1.0g	2292	S	112.7	44.7	1060:29	nagios
1	root	20	0	10360	752	628	S	0.0	0.0	0:10.18	init
29	root	20	0	100	12	4	S	0.0	0.0	0:28.20	init-logger

```

79 root      16 -4 12616 672 352 S 0.0 0.0 0:00.00 udevd
344 root      20  0 5920 664 532 S 0.0 0.0 0:01.00 syslogd
366 root      20  0 62636 1212 652 S 0.0 0.1 0:00.00 sshd
375 root      20  0 21652 916 704 S 0.0 0.0 0:00.00 xinetd
408 root      20  0 11936 1408 1168 S 0.0 0.1 0:00.00 mysqld_safe
458 mysql     20  0 233m 25m 4936 S 0.0 1.1 6:19.71 mysqld
491 root      20  0 62808 2328 804 S 0.0 0.1 0:27.76 sendmail
499 smmsp     20  0 57704 1772 616 S 0.0 0.1 0:00.02 sendmail
509 root      20  0 251m 10m 5964 S 0.0 0.4 0:48.22 httpd
544 root      20  0 20876 1160 580 S 0.0 0.0 0:00.12 crond
562 xfs       20  0 20264 1244 752 S 0.0 0.1 0:00.08 xfs
570 root      20  0 46744 828 428 S 0.0 0.0 0:00.00 saslauthd
571 root      20  0 46744 560 160 S 0.0 0.0 0:00.00 saslauthd
622 root      20  0 86072 3352 2608 S 0.0 0.1 0:01.70 sshd
630 root      20  0 12200 1808 1300 S 0.0 0.1 0:00.26 bash
10143 apache  20  0 323m 15m 3124 S 0.0 0.7 0:27.96 httpd
16508 apache  20  0 253m 9380 2364 S 0.0 0.4 0:00.00 httpd
16512 apache  20  0 253m 9380 2364 S 0.0 0.4 0:00.02 httpd
16513 apache  20  0 253m 9388 2364 S 0.0 0.4 0:00.00 httpd
16514 apache  20  0 315m 9436 2364 S 0.0 0.4 0:00.02 httpd
16527 apache  20  0 253m 9408 2364 S 0.0 0.4 0:00.02 httpd
16534 apache  20  0 251m 4940 628 S 0.0 0.2 0:00.00 httpd
22034 apache  20  0 324m 17m 3132 S 0.0 0.7 2:18.70 httpd
25014 root    20  0 12620 1192 920 R 0.0 0.0 0:00.00 top
31795 apache  20  0 322m 16m 3124 S 0.0 0.7 1:30.98 httpd

```

considering this>

```
privvmpages 327761 1143370 603785 664163 98961
```

seems like there is a memory leak somewhere... why the hell it wants to use 4,4 GB of ram ?

emmm... seems like i've got it. i gave to VEs total guaranteed memory more, than i have physically... how can i null those failcnt out, so it would be easy to monitor the changes?