
Subject: -bash: fork: Cannot allocate memory Wer hat Rat?

Posted by [Haxley](#) on Mon, 26 Mar 2012 07:11:08 GMT

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Hallo,

ich hab Debian6 64 auf dem Hostsystem und dort einen Container mit Debian6 64 wo 250GB Disk und 3G RAM zugewiesen sind.

Auf der VZ laufen Confixx mit Apache, MySQL, Postfix, Fail2ban usw.

Leider kommt immer wieder die Meldung das der Speicher nicht reicht

(-bash: fork: Cannot allocate memory) und einige Dienste sterben ab.
Speicher ist aber jede Menge da:

top - 08:51:37 up 14 min, 1 user, load average: 0.18, 0.16, 0.10

Tasks: 48 total, 1 running, 46 sleeping, 0 stopped, 1 zombie

Cpu(s): 12.4%us, 2.2%sy, 0.0%ni, 85.5%id, 0.0%wa, 0.0%hi, 0.0%si, 0.0%st

Mem: 3072000k total, 515032k used, 2556968k free, 0k buffers

Swap: 0k total, 0k used, 0k free, 0k cached

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
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2483	www-data	20	0	252m	28m	4540	S	26	1.0	0:03.39	apache2
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2399	www-data	20	0	243m	20m	4952	S	9	0.7	0:04.05	apache2
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2518	www-data	20	0	237m	12m	884	S	6	0.4	0:00.18	apache2
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2429	mysql	20	0	155m	27m	7268	S	3	0.9	0:02.88	mysqld
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2398	www-data	20	0	0	0	0	Z	2	0.0	0:04.60	apache2 <defunct>
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2482	root	20	0	19040	1308	1016	R	0	0.0	0:00.16	top
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1	root	20	0	8356	796	668	S	0	0.0	0:00.00	init
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353	root	20	0	116m	1492	1072	S	0	0.0	0:00.02	rsyslogd
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371	root	20	0	237m	18m	7212	S	0	0.6	0:00.09	apache2
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375	root	20	0	16560	1824	1476	S	0	0.1	0:00.08	pipelog.pl
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394	root	20	0	20908	968	732	S	0	0.0	0:00.00	cron
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405	root	20	0	97312	6668	2048	S	0	0.2	0:00.45	fail2ban-server
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473	root	20	0	3956	640	508	S	0	0.0	0:00.00	mysqld_safe
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709	root	20	0	39052	936	580	S	0	0.0	0:00.02	dovecot
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710	root	20	0	75024	3300	2456	S	0	0.1	0:00.01	dovecot-auth
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713	root	20	0	74892	3344	2560	S	0	0.1	0:00.01	dovecot-auth
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726	dovecot	20	0	36916	2572	2020	S	0	0.1	0:00.00	imap-login
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727	dovecot	20	0	36916	2572	2020	S	0	0.1	0:00.00	imap-login
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728	dovecot	20	0	36916	2568	2020	S	0	0.1	0:00.00	imap-login
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2154	root	20	0	32024	2072	1528	S	0	0.1	0:00.02	ntpd
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2158	polw	20	0	54568	12m	1296	S	0	0.4	0:00.00	perl
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2159	polw	20	0	54568	12m	984	S	0	0.4	0:00.00	perl
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2162	postgrey	20	0	58276	13m	2844	S	0	0.4	0:00.07	postgrey
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2181	root	20	0	54564	960	460	S	0	0.0	0:00.00	saslauthd
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2182	root	20	0	54564	656	156	S	0	0.0	0:00.00	saslauthd
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2183	root	20	0	54564	544	44	S	0	0.0	0:00.00	saslauthd
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2184	root	20	0	54564	544	44	S	0	0.0	0:00.00	saslauthd
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2185 root    20  0 54564 544  44 S   0 0.0  0:00.00 saslauthd
2190 root    35 15 118m 53m 2760 S   0 1.8  0:01.35 spamd
2216 root    35 15 118m 51m 616 S   0 1.7  0:00.00 spamd
2217 root    35 15 118m 51m 616 S   0 1.7  0:00.00 spamd
2230 root    20  0 49176 1128 580 S   0 0.0  0:00.00 sshd
2235 root    20  0 27020 1444 1104 S   0 0.0  0:00.00 vsftpd
2248 root    20  0 70496 3380 2636 S   0 0.1  0:00.18 sshd
2250 root    20  0 12452 992 704 S   0 0.0  0:00.00 sftp-server
2320 root    20  0 74892 3280 2508 S   0 0.1  0:00.01 dovecot-auth
2354 dovecot  20  0 36904 2568 2020 S   0 0.1  0:00.00 pop3-login
2392 dovecot  20  0 36904 2572 2020 S   0 0.1  0:00.00 pop3-login
2406 root    20  0 70496 3344 2636 S   0 0.1  0:00.02 sshd
2408 root    20  0 12320 880 704 S   0 0.0  0:00.00 sftp-server
2409 www-data 20  0 249m 26m 4656 S   0 0.9  0:02.64 apache2
2430 root    20  0 3856 624 528 S   0 0.0  0:00.00 logger
2457 www-data 20  0 247m 22m 5344 S   0 0.7  0:02.72 apache2
2458 www-data 20  0 251m 26m 5936 S   0 0.9  0:02.07 apache2
2463 dovecot  20  0 36904 2568 2020 S   0 0.1  0:00.00 pop3-login
2468 root    20  0 70496 3372 2656 S   0 0.1  0:00.04 sshd
2470 root    20  0 17764 1956 1424 S   0 0.1  0:00.00 bash
2504 www-data 20  0 248m 23m 3756 S   0 0.8  0:00.78 apache2

```

Die Meldung das kein Speicher vorhanden ist kommt schon beim einloggen via Putty. Logge ich mich aus und nochmal ein geht es ab und zu.

Die Conf der VZ sieht so aus:

```

ONBOOT="yes"
NAMESERVER="213.133.100.100"
CPUUNITS="1000"
CPUS="1"
CPULIMIT="80"
PRIVVMPAGES="768000:768000"
DISKSPACE="256000000:256000000"
QUOTATIME="0"
KMEMSIZE="14372700:14790164"
LOCKEDPAGES="256:256"
SHMPAGES="21504:21504"
NUMPROC="240:240"
PHYSPAGES="0:9223372036854775807"
VMGUARPAGES="33792:9223372036854775807"
OOMGUARPAGES="26112:9223372036854775807"
NUMTCPSOCK="360:360"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="1720320:2703360"
TCPRCVBUF="1720320:2703360"
OTHERSOCKBUF="1126080:2097152"

```

DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
DCACHESIZE="3409920:3624960"
NUMFILE="9312:9312"
AVNUMPROC="180:180"
NUMIPTENT="128:128"
DISKINODES="2000000:2200000"
SWAPPAGES="9223372036854775807:9223372036854775807"
VE_ROOT="/var/lib/vz/root/\$VEID"
VE_PRIVATE="/var/lib/vz/private/\$VEID"
OSTEMPLATE="debian-6.0-amd64-minimal"
ORIGIN_SAMPLE="myName"
HOSTNAME="enterprise.mydomain.com"
IP_ADDRESS="xxx.47.251.178 xxx.47.251.180 xxx.47.251.181 xxx.47.251.182"

Wer hat da Rat was das sein kann?

Besten Dank
Gruß Haxley

Subject: Re: -bash: fork: Cannot allocate memory Wer hat Rat?
Posted by [curx](#) on Mon, 26 Mar 2012 15:51:19 GMT
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poste doch mal die Ausgabe von:

cat /proc/bc/<CTID>/resources

CTID = Nummer des Containers

Bye,
Thorsten
