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Subject: ve with cpanel is not stable

Posted by [null](#) on Sun, 30 Sep 2007 13:50:42 GMT

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hi  
i have some problem with ve's i installed cpanel on them!!  
about 2 day after ve restart some of vps servicess dont working correct and i get 404 error when i  
have to login to cpanel/whm  
when i reboot the ve all go up and cpanel working well

is there any reason for this? is this a ram ? ve have 512mb of ram and 50% of a pentium D 2.8  
cpu!  
TNX

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Subject: Re: ve with cpanel is not stable

Posted by [rickb](#) on Mon, 01 Oct 2007 18:23:57 GMT

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Can you be more specific about the problem? Any UBC failcnts?

Apache 404 error is unlikely to be an openvz related problem, have you checked apache's log  
files?

Overall, it sounds like application level problems and you should start troubleshooting the system  
by analyzing the syslog files as you duplicate the problems.

Rick

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Subject: Re: ve with cpanel is not stable

Posted by [null](#) on Mon, 01 Oct 2007 19:17:52 GMT

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TNX

i got this error when i had to login to ve:

```
login as: root
root@<IP>'s password:
Last login: Mon Oct 1 22:30:35 2007 from <IP>
-bash: cannot make pipe for command substitution: Too many open files in system
-bash: [: =: unary operator expected
-bash: pipe error: Too many open files in system
-bash-3.00# ls
-bash: start_pipeline: pgrp pipe: Too many open files in system
-bash: /bin/ls: Too many open files in system
-bash-3.00#
```

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Subject: Re: ve with cpanel is not stable  
Posted by [rickb](#) on Mon, 01 Oct 2007 19:19:33 GMT  
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UBC Failures?

always the first thing to check whenever there is a problem.

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Subject: Re: ve with cpanel is not stable  
Posted by [null](#) on Mon, 01 Oct 2007 20:01:03 GMT  
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this is the setting of ve's

```
debian:~# vzctl exec 102 cat /proc/user_beancounters  
Version: 2.5
```

uid resource	held	maxheld	barrier	limit	failcnt	
102: kmemsize	5002527	6400552	6400000	6400000	18052	
lockedpages	0	8	32	32	0	
privvmpages	75128	131072	131072	131072	25	
shmpages	731	1739	8192	8192	0	
dummy	0	0	0	0	0	
numproc	70	94	350	350	0	
physpages	38184	93061	0	2147483647	0	
vmguarpages	0	0	65536	65536	0	
oomguarpages	38184	93061	65536	65536	0	
numtcpsock	28	53	80	80	103	
numflock	9	14	100	110	0	
numpty	1	2	16	16	0	
numsiginfo	0	52	256	256	0	
tcpsndbuf	2220	246420	319488	524288	29	
tcprcvbuf	0	134508	540000	540000	1176	
othersockbuf	17760	135464	132096	336896	4165	
dgramrcvbuf	0	17100	150000	150000	0	
numothersock	22	51	80	80	0	
dcachesize	336076	386094	1048576	1097728	0	
numfile	1883	2048	2048	2048	205047	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
numiptent	10	43	128	128	0	

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Subject: Re: ve with cpanel is not stable  
Posted by [Mr.Ash](#) on Tue, 02 Oct 2007 05:07:18 GMT  
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hey when this probles happen u see this error in shell of vps

" fork Cannot Allocate Memory "

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Subject: Re: ve with cpanel is not stable  
Posted by [null](#) on Tue, 02 Oct 2007 08:28:03 GMT  
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nope..  
i got this error : Too many open files in system.

but ve used about 300mb of memory!!  
the memory of this ve is 256 and brust is 512...

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Subject: Re: ve with cpanel is not stable  
Posted by [rickb](#) on Tue, 02 Oct 2007 08:30:14 GMT  
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files != memory

from the UBC report you posted:

numfile	1883	2048	2048	2048	205047
---------	------	------	------	------	--------

Rick

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Subject: Re: ve with cpanel is not stable  
Posted by [null](#) on Tue, 02 Oct 2007 08:45:47 GMT  
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how can i calculation best numfile no. for ve!?  
at the other hand how much is good for a ve with 256 mb of ram and cpanel!

thanks

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Subject: Re: ve with cpanel is not stable

Posted by [Mr.Ash](#) on Tue, 02 Oct 2007 09:00:53 GMT

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you can check via

```
vzcfgvalidate /etc/sysconfig/vz-scripts/vzid.conf
```

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Subject: Re: ve with cpanel is not stable

Posted by [null](#) on Tue, 02 Oct 2007 16:42:56 GMT

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i do that :

```
debian:~# vzcfgvalidate /etc/vz/conf/102.conf
```

```
Warning: dcachesize.lim should be > 3145728 (currently, 1097728)
```

and UBC Failures:

```
debian:~# vzctl exec 102 cat /proc/user_beancounters
```

```
Version: 2.5
```

uid resource	held	maxheld	barrier	limit	failcnt	
102: kmemsize	4098297	6400739	14790793	15569256		19797
lockedpages	0	8	32	32	0	
privvmpages	57297	131072	131072	131072		25
shmpages	91	1739	8192	8192	0	
dummy	0	0	0	0	0	
numproc	56	94	350	350	0	
physpages	40374	93061	0	2147483647		0
vmguarpages	0	0	65536	2147483647		0
oomguarpages	40374	93061	65536	2147483647		0
numtcpsock	25	63	80	80	103	
numflock	6	14	999999999	999999999		0
numpty	0	2	16	16	0	
numsignifo	0	78	256	256	0	
tcpsndbuf	0	254112	319488	524288		29
tcprcvbuf	0	134508	540000	744800		1176
othersockbuf	19552	135464	132096	336896		4176
dgramrcvbuf	0	26676	150000	150000		0
numothersock	20	51	80	80	0	
dcachesize	255148	432458	1048576	1097728		0
numfile	1535	2048	8192	8192	210078	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	

numiptent            10        43        128        128        0

i optimized the mysql too.  
now cpanel dont working.  
browser cant find the address: <IP>/whm  
when i run the command :  
service cpanel restart

all come online again!!

i reinstalled the cpanel but it dont helped!!

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Subject: Re: ve with cpanel is not stable  
Posted by [Mr.Ash](#) on Wed, 03 Oct 2007 01:46:05 GMT  
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```
debian:~# vzcfgvalidate /etc/vz/conf/102.conf  
Warning: dcachesize.lim should be > 3145728 (currently, 1097728)
```

```
nano /etc/sysconfig/vz-scripts/vzid.conf
```

```
change -- dcachesize --
```

```
DCACHESIZE="3145728:3145728"
```

then save

and type it again

```
vzcfgvalidate /etc/vz/conf/102.conf
```