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Subject: Strange problem installing mail server Postfix.

Posted by [joelee](#) on Fri, 08 Sep 2006 04:07:19 GMT

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Hi All,

I am running to this strange problem and hope someone can help.

I have a new guess VPS created from a debian pre-created template.

VPS seems to work fine as I am able to ping external IP and I am able to do apt-get update/install.

However, I am trying to install a mail server Postfix using a how-to guide from the following link:

[http://howtoforge.com/virtual\\_postfix\\_mysql\\_quota\\_courier](http://howtoforge.com/virtual_postfix_mysql_quota_courier)

Step 1 of the how-to seems to go well with no errors. However, when I try to execute the command for step 2 I get the following error:

```
Err http://ftp.us.debian.org stable/main libc6 2.3.2.ds1-22sarge4
```

```
Temporary failure resolving 'ftp.us.debian.org'
```

```
Err http://ftp.us.debian.org stable/main binutils 2.15-6
```

```
Temporary failure resolving 'ftp.us.debian.org'
```

```
Err http://ftp.us.debian.org stable/main cpp-3.3 1:3.3.5-13
```

```
Temporary failure resolving 'ftp.us.debian.org'
```

```
<SNIP>
```

```
Failed to fetch http://ftp.us.debian.org/debian/pool/main/g/glibc/libc6_2.3.
```

```
2.ds1-22sarge4_i386.deb Temporary failure resolving 'ftp.us.debian.org'
```

```
Failed to fetch http://ftp.us.debian.org/debian/pool/main/b/binutils/binutils_2.15-6_i386.deb
```

```
Temporary failure resolving 'ftp.us.debian.org'
```

```
Failed to fetch http://ftp.us.debian.org/debian/pool/main/g/gcc-3.3/cpp-3.3_3.3.5-13_i386.deb
```

```
Temporary failure resolving 'ftp.us.debian.org'
```

```
<SNIP>
```

Based on the above error, I thought there might be a problem with networking and/or my source.list may have changed. But I checked and all seems the same.

Notice when I try to ping external IP and even my local IP address I get this error:

```
mx1:/# ping 192.168.1.103
```

```
socket: No buffer space available
```

```
mx1:/#
```

Note: I was trying to install the above how-to from a ssh session. After, I close the ssh session I am no longer able to ssh into the VPS at all. However, OVZ shows VPS is running.

FYI: My OVZ setup is using Debian for the host and guess VPS. The VPS is using a pre-created debian template.

At this point, I am not sure if the problem is with my VPS or something with the how-to install that's

causing the problem.

Would greatly appreciate any HELP!!!

-joe

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Subject: Re: Strange problem installing mail server Postfix.

Posted by [mki0815](#) on Fri, 08 Sep 2006 07:04:33 GMT

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seems that you have insufficient resources in your VPS. try the following command inside your VPS:

```
cat /proc/user_beancounters
```

that should produce some output like:

Version: 2.5

uid resource	held	maxheld	barrier	limit	failcnt	
231: kmemsize	345943	734774	2752512	2936012		0
lockedpages	0	0	32	32	0	
privvmpages	1176	8123	49152	53575		0
shmpages	0	656	8192	8192	0	
dummy	0	0	0	0	0	
numproc	8	16	65	65	0	
physpages	750	4840	0	2147483647		0
vmguarpages	0	0	6144	2147483647		0
oomguarpages	750	4840	6144	2147483647		0
numtcpsock	2	4	80	80	0	
numflock	2	8	100	110	0	
numpty	1	3	16	16	0	
numsiginfo	0	3	256	256	0	
tcpsndbuf	0	8912	319488	524288		0
tcprcvbuf	0	25656	319488	524288		0
othersockbuf	2228	7376	132096	336896		0
dgramrcvbuf	0	4276	132096	132096		0
numothersock	1	5	80	80	0	
dcachesize	39520	76326	1048576	1097728		0

numfile	87	171	2048	2048	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

have a look at the last column, if there are any numbers, other then 0 then you have to adjust the according parameter. i think you have to increase the socketbuffers.

hth,  
mario.

Subject: Re: Strange problem installing mail server Postfix.

Posted by [joelee](#) on Fri, 08 Sep 2006 17:03:19 GMT

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Mario, thanks for your info. I checked the userbeancounter and do see that I have the following as shown in the output below (Sorry the format of my output is not comming up as nicely as yours (not sure how you did it).

uid resource	held	maxheld	barrier	limit	failcnt	
103: kmemsize	1580182	2187101	2752512	2936012		0
lockedpages	0	0	32	32	0	
privvmpages	35270	49261	49152	53575		27
shmpages	821	837	8192	8192	0	
dummy	0	0	0	0	0	
numproc	40	57	65	65	0	
physpages	5587	10662	0	2147483647		0
vmguarpages	0	0	6144	2147483647		0
oomguarpages	5587	10662	6144	2147483647		0
numtcpsock	8	10	80	80	0	
numflock	6	14	100	110	0	
numpty	1	1	16	16	0	
numsiginfo	0	5	256	256	0	
tcpsndbuf	4456	100648	319488	524288		0
tcprcvbuf	0	145512	319488	524288		0
othersockbuf	6684	112272	132096	336896		0
dgramrcvbuf	0	692	132096	132096		0
numothersock	8	80	80	80	57	
dcachesize	111896	195032	1048576	1097728		0
numfile	286	500	2048	2048	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	

Anyway, hope you can see that resource "privvmpages" has a failed count of 27 and "numothersock" shows a failed count of 57. If you can tell me how I can increment this to the proper size would be appreciated. BTW, are there any DOCs that explains these default values and more important how it's recommended to adjust these values when a resource has a failcnt.

Thanks for your help!  
-joe

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Subject: Re: Strange problem installing mail server Postfix.  
Posted by [aistis](#) on Sat, 09 Sep 2006 02:17:06 GMT  
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<http://download.openvz.org/doc/OpenVZ-Users-Guide.pdf>  
[http://wiki.openvz.org/Main\\_Page](http://wiki.openvz.org/Main_Page)  
[http://wiki.openvz.org/Resource\\_shortage](http://wiki.openvz.org/Resource_shortage)