
Subject: *SOLVED* Q: Postfix Kills Interface of VirtualHost .. Install Hints?

Posted by [tchipman](#) on Fri, 25 Aug 2006 15:57:36 GMT

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I wanted to ask if anyone has hints about how to install Postfix such that grief doesn't ensue.

Currently, my config / issue is thus:

- CentOS 4.3 32-bit Hardware host platform
- Latest OpenVZ Stable kernel installed, running
- CentOS "Default" 32-bit (or "minimal") Virtual Host Environment

If I create a clean virtual machine, then install postfix and use "system-switch-mail" to disable sendmail / enable postfix..

Postfix seems to be having trouble because in the config is an option which specifies what interface to listen on. By default it is "localhost". I've tried changing it to

```
lo
venet0
venet0:0
```

and also tried adding entries to /etc/hosts for the above .. to reduce complaint from postfix when I do a "service postfix stop ; service postfix start" in the VZHost.

Alas, I get interesting results:

- (1) Postfix is pissed off
- (2) My interface falls off the map, ie:

BEFORE postfix is running:

---paste---

```
root@nema log]# ifconfig -a
```

```
lo    Link encap:Local Loopback
      inet addr:127.0.0.1  Mask:255.0.0.0
      UP LOOPBACK RUNNING  MTU:16436  Metric:1
      RX packets:28 errors:0 dropped:0 overruns:0 frame:0
      TX packets:28 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:3344 (3.2 KiB)  TX bytes:3344 (3.2 KiB)
```

```
venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
      RX packets:488 errors:0 dropped:0 overruns:0 frame:0
      TX packets:287 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
```

RX bytes:36797 (35.9 KiB) TX bytes:41549 (40.5 KiB)

```
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
  inet addr:1X9.1X3.X3.2X9 P-t-P:1X9.1X3.X3.2X9 Bcast:1X9.1X3.X3.2X9
Mask:255.255.255.255
  UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

--end-paste--

(note "X" is added to make my IP private here in the posting, it is a regular number "for real"...

AFTER postfix is running:

--paste---

```
[root@hydra cache]# vzctl enter 239
```

```
entered into VPS 239
```

```
-bash-3.00# ifconfig -a
```

```
lo    Link encap:Local Loopback
      UP LOOPBACK RUNNING MTU:16436 Metric:1
      RX packets:28 errors:0 dropped:0 overruns:0 frame:0
      TX packets:28 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:3344 (3.2 KiB) TX bytes:3344 (3.2 KiB)
```

```
venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
      RX packets:4 errors:0 dropped:0 overruns:0 frame:0
      TX packets:3 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:216 (216.0 b) TX bytes:164 (164.0 b)
```

```
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

```
-bash-3.00#
```

ie, no IP associated for venet0:0.

Ugh!

It strikes me as particularly interesting that postfix not only chokes, but kills the interface as well.

If anyone has comments on this, it would be greatly appreciated.

Many thanks,

--Tim

Subject: Re: Q: Postfix Kills Interface of VirtualHost .. Install Hints?

Posted by [tchipman](#) on Fri, 25 Aug 2006 16:15:40 GMT

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DOH. Sorry folks, I forgot the magic rule: RTFM, and after that, google search your keywords. THEN, and only then, may you post innane questions to the forum.

Solution (thanks, google) - was hinted in the forum elsewhere.

-start the VZHost

-take note of problems clearly cropping up in /proc/user_beancounters as follows:

PROBLEM LAYER ONE:

```
420 cat /proc/user_beancounters
      numothersock      4      80      80      80      81
```

So, increased this parameter as follows:

```
419 vzctl 239 --numothersock 120 --save
```

-stopped and started my Vhost. Check Beancounters.

PROBLEM LAYER TWO:

```
426 cat /proc/user_beancounters
```

READS

```
      othersockbuf      128788      133452      132096      336896      123
```

So, increased this parameter as follows:

```
428 vzctl set 239 --othersockbuf 512000 --save
```

-stop and start the Vhost. Check Beancounters. NO complaints obvious.

Enter the VZhost. Postfix is running. Send a test message. It gets out, postfix is happy.

Subsequently: I tweaked the postfix config such that my interface was specified as "localhost" (my preferred config, nobody outside of this virtual-box should be relaying mail or sending mail in for that matter)

This also works fine.

So, I'm happy.

Many thanks all

---Tim

Subject: Re: *SOLVED* Q: Postfix Kills Interface of VirtualHost .. Install Hints?
Posted by [hanksteronimous](#) on Thu, 21 Sep 2006 15:05:33 GMT

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Having the same problem and have used this post to solve the majority of issues, however, after doing the above I find the following:

from the HM and NOT looged in as root (or Su'ed)

```
nmap VPSName finds port 25 is open and
telnet VPSName 25 gets a response.
```

from the HM and logged in as root (or SU'ed)

```
nmap complains that "the Note: Host seems down. If it is really up, but blocking our ping
probes, try -P0"
telnet VPSName gets a response...
```

from anywhere else on the network

```
nmap VPSName complains (see above)
telnet VPSName 25 gets "could not open connection to the host on port 25: connect failed"
```

yet ping VPSName does get a response

Have verified that this IP address is NOT in use elsewhere on the network.

Any ideas???
