
Subject: Re: smtp port

Posted by [Dreamland69](#) on Sat, 10 Apr 2010 10:09:32 GMT

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LauraW wrote on Thu, 24 September 2009 01:17hello

my vps's refuses to contact all remote smtp ports (25), all other ports cause no problem and work perfectly well, iptable isnt loaded , and the command work great on harware node ??? i have had to use smtp relay <http://www.smtp.com> for now until this is fixed, and while it works just fine it is costing me a bit extra. So is this due to some sort of misconfiguration? how can i check? Thanks very much in advance for your time and help!

The same story. Debian Lenny - howtoforge.com "OpenVZ on Debian Lenny", three VN with Debian 4.0 with ISPConfig hosting control panels. All services on VH is accessable except smtp (port 25).

01. Routing rules

On HN: ip rule list

0: from all lookup local

32766: from all lookup main

32767: from all lookup default

ip route list table all

```
85.xxx.99.215 dev venet0 scope link
```

```
85.xxx.99.216 dev venet0 scope link
```

```
85.xxx.99.217 dev venet0 scope link
```

```
85.xxx.99.128/25 dev eth0 proto kernel scope link src 85.xxx.99.214
```

```
default via 85.xxx.99.129 dev eth0
```

```
broadcast 85.xxx.99.128 dev eth0 table local proto kernel scope link src 85.xxx.99.214
```

```
broadcast 127.255.255.255 dev lo table local proto kernel scope link src 127.0.0.1
```

```
local 85.xxx.99.214 dev eth0 table local proto kernel scope host src 85.xxx.99.214
```

```
broadcast 85.xxx.99.255 dev eth0 table local proto kernel scope link src 85.xxx.99.214
```

```
broadcast 127.0.0.0 dev lo table local proto kernel scope link src 127.0.0.1
```

```
local 127.0.0.1 dev lo table local proto kernel scope host src 127.0.0.1
```

```
local 127.0.0.0/8 dev lo table local proto kernel scope host src 127.0.0.1
```

```
fe80::/64 dev eth0 metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
```

```
unreachable default dev lo table unspec proto none metric -1 error -101 hoplimit 255
```

```
local ::1 via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
```

```
local fe80::226:18ff:fe8d:e83d via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
```

```
ff00::/8 dev eth0 table local metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
```

```
unreachable default dev lo table unspec proto none metric -1 error -101 hoplimit 255
```

On VH: ip rule list

-bash: ip: command not found

02. Netfilter configuration

On HN:

```
iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L
```

Chain PREROUTING (policy ACCEPT)

```
target prot opt source destination
```

Chain POSTROUTING (policy ACCEPT)

```
target prot opt source destination
```

Chain OUTPUT (policy ACCEPT)

```
target prot opt source destination
```

Chain INPUT (policy ACCEPT)

```
target prot opt source destination
```

Chain FORWARD (policy ACCEPT)

```
target prot opt source destination
```

Chain OUTPUT (policy ACCEPT)

```
target prot opt source destination
```

Chain PREROUTING (policy ACCEPT)

```
target prot opt source destination
```

Chain INPUT (policy ACCEPT)

```
target prot opt source destination
```

Chain FORWARD (policy ACCEPT)

```
target prot opt source destination
```

Chain OUTPUT (policy ACCEPT)

```
target prot opt source destination
```

Chain POSTROUTING (policy ACCEPT)

```
target prot opt source destination
```

On VH:

```
iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L
```

```
iptables v1.3.6: can't initialize iptables table `nat': Table does not exist (do you need to insmod?)
```

Perhaps iptables or your kernel needs to be upgraded.

How to?
