

## RE: unblock port 25

**Source:** <http://linux.derkeiler.com/Mailing-Lists/RedHat/2005-10/0480.html>

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**From:** Wayne Pinette (*Wpinette\_at\_tru.ca*)

**Date:** 10/26/05

Date: Wed, 26 Oct 2005 11:15:39 -0700

To: <Nagarjuna\_Cherukuri@infosys.com>, <redhat-list@redhat.com>

Im not sure what smtp server you are using, if it's sendmail, then Marco Shaw's response is what you need :

<advice type="good" author="Marco Shaw">

Something else to check out:

<http://www.linuxselfhelp.com/quick/sendmail.html>

Check #6, some versions of RedHat come with a 'secured' sendmail that will only listen on 127.0.0.1.

The netstat suggestion will also point that out.

Marco

RHCE

</advice>

If you are using Postfix you want to edit /etc/postfix/main.cf

In there you want to make sure you have inet\_interfaces=all. Usually postfix is compiled with this as the default action, but just in case, put inet\_interfaces=all there and restart postfix.

Wayner

>>> *Nagarjuna\_Cherukuri@infosys.com 10/26/05 11:07 am* >>>

Yes, netstat -i shows me that port 25 is listening only for local host.

```
[root@hydlmuk lib]# netstat -l | grep 25
You have new mail in /var/spool/mail/root
[root@hydlmuk lib]# netstat -l | grep -i smtp
tcp 0 0 localhost.localdom:smtp *:*
LISTEN
[root@hydlmuk lib]#
```

RedHat: RE: unblock port 25

How can change my smtp server configuration?

-----Original Message-----

From: Wayne Pinette [mailto:Wpinette@tru.ca]  
Sent: Wednesday, October 26, 2005 11:31 PM  
To: Nagarjuna Rao Cherukuri; redhat-list@redhat.com  
Subject: Re: unblock port 25

do a netstat -l and see if your program is listening to port 25 (smtp) for all interfaces and areas, or if it is just listening on localhost.localdomain.

if it only shows listening to smtp on localhos.localdom and not ont \* or hostname, you need to reconfigure your smtp server to make sure it's listening on more than just localhost.

Also, make sure your iptables isn't blocking port 25. The easiest way to ensure that is to turn it off while testing :  
/etc/init.d/iptables stop will do this.

Wayner

>>> Nagarjuna\_Cherukuri@infosys.com 10/26/05 10:55 am >>>

Hi,

Can anyone tell me how to enable port 25 in my server? I am able to ping to this port as local host, but it is failing when try to ping using DNS.

```
[root@hydlmuk lib]# telnet localhost 25
```

```
Trying 127.0.0.1...
```

```
Connected to localhost.localdomain (127.0.0.1).
```

```
Escape character is '^'.
```

```
220 hydlmuk.ad.infosys.com ESMTP Sendmail 8.11.6/8.11.6; Wed, 26 Oct 2005 23:15:11 +0530
```

```
quit
```

```
221 2.0.0 hydlmuk.ad.infosys.com closing connection
```

```
Connection closed by foreign host.
```

```
You have new mail in /var/spool/mail/root
```

RE: unblock port 25

RedHat: RE: unblock port 25

```
[root@hydlmuk lib]# hostname
```

hydlmuk

```
[root@hydlmuk lib]# telnet hydlmuk 25
```

Trying 172.25.125.203...

telnet: Unable to connect to remote host: Connection refused

My nmap output is as follows.

```
[root@hydlmuk lib]# nmap hydlmuk
```

Starting nmap V. 2.54BETA22 ( [www.insecure.org/nmap/](http://www.insecure.org/nmap/) )

Interesting ports on hydlmuk.ad.infosys.com (172.25.125.203):

(The 1528 ports scanned but not shown below are in state: closed)

Port State Service

21/tcp open ftp

22/tcp open ssh

23/tcp open telnet

110/tcp open pop-3

111/tcp open sunrpc

143/tcp open imap2

1521/tcp open ncube-lm

5010/tcp open telepathstart

5680/tcp open canna

6000/tcp open X11

22273/tcp open wnn6

22289/tcp open wnn6\_Cn

22305/tcp open wnn6\_Kr

22321/tcp open wnn6\_Tw

can anyone tell me how to resolve this issue?

RE: unblock port 25

thanks

nagarjuna

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