

## Re: qmail not listening

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/isp/2003-06/0164.html>

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**From:** Mark Johnston (*mjohnston\_at\_skyweb.ca*)

**Date:** 06/27/03

To: <guilherme@nortenet.pt>

Date: Fri, 27 Jun 2003 09:15:32 -0500

Guilherme Oliveira wrote:

> *Thanks to people for the help.*

>

> *My problem was that it was not working by inetd so I run with daemon*

> *tools and it's working now.*

>

> *But I have 2 new problems:*

>

> *1- My customers will use microsoft outlook express with dinamic ip's.*

So

> *I can't configure rcpthost. The result will always be "553: relay*

> *denied". Exists SMTP-after-POP with <http://em.ca/~bruceg/relay-ctrl/>*

> *but outlook express invert the process with POP-after-SMTP. No way !*

Any

> *suggestions ?*

I'm afraid I'll have to pass on this one, apart from suggesting authenticated SMTP and giving you these URLs:

<http://www.cuni.cz/~vhor/qmail/smtppauth-en.html>

<http://www.nimh.org/dl/qmail-smtpd.c>

You might want to use some kind of encryption if you're going to authenticate SMTP, but if you're running POP3 in cleartext over the same link, there's not much point.

> *2- my djbn is configured with*

>

> *.vianaonline.com:213.13.121.74:ns1.vianaonline.com.*

> *.vianaonline.com:213.13.121.75:ns2.vianaonline.com.*

> *=vianaonline.com:213.13.121.74*

> *+www.vianaonline.com:213.13.121.76*

> *@vianaonline.com:213.13.121.77*

>

> *and my email server is configured behind natd with 192.168.1.2. What*

> *happens is if I configure the email client with vianaonline.com as*

email

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> server it will connect to 213.13.121.74. Not 213.13.121.77 as it's  
> configured.

You're confusing an MX record with an A record. The third line creates an A record for vianaonline.com of 213.13.121.74, and a PTR record for 74.121.13.213.in-addr.arpa to vianaonline.com. The fifth line creates an MX record for vianaonline.com for a.mx.vianaonline.com (a default name supplied by tinydns), and an A record for a.mx.vianaonline.com to 213.13.121.77.

Converted to (what I consider to be) a more readable form, it would look like the following – note I've skipped the SOA and PTR records.

```
vianaonline.com. NS ns1.vianaonline.com.  
vianaonline.com. NS ns2.vianaonline.com.  
ns1.vianaonline.com. A 213.13.121.74  
ns2.vianaonline.com. A 213.13.121.75  
vianaonline.com. A 213.13.121.74  
www.vianaonline.com. A 213.13.121.76  
vianaonline.com. MX a.mx.vianaonline.com.  
a.mx.vianaonline.com. A 213.13.121.77
```

An MX record is used only by mail servers that want to deliver mail to your domain, not by clients. When you put 'vianaonline.com' into your clients as the SMTP server, they use the A record – which is 213.13.121.74. I would do the following:

```
.vianaonline.com:213.13.121.74:ns1.vianaonline.com.  
.vianaonline.com:213.13.121.75:ns2.vianaonline.com.  
+vianaonline.com:213.13.121.74  
+www.vianaonline.com:213.13.121.76  
@vianaonline.com:213.13.121.77:mail.vianaonline.com
```

which would result in incoming mail being directed to mail.vianaonline.com at 213.13.121.77. You would use mail.vianaonline.com in your mail clients as the SMTP server. I have changed your = line to a + in the assumption that you don't actually have reverse DNS delegated from your ISP; if you do, you'll want to create a number of other PTR records as well, for the other IPs.

As a side note, are you sure you want www.vianaonline.com and vianaonline.com to point to two different machines? Many web surfers (incorrectly) assume they're equivalent.

See <http://cr.yp.to/djbdns/tinydns-data.html> for more details on the tinydns data file.

HTH,  
Mark

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