

# Re: Unable to Receive Email from the internet

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*Source:*

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.setup/2007-05/msg00021.html>

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- *From:* "Bharat Suneja [MVP]" <[bharat@xxxxxxxxxx](mailto:bharat@xxxxxxxxxx)>
  - *Date:* Tue, 1 May 2007 06:43:35 -0700
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I've now added a send connector for the internet and am able to send email to a yahoo account. I'm very close at this point! I just need to get inbound email running!

1) Is your server reachable from the internet on SMTP port (tcp port 25)?

Test from outside your firewall:

telnet x.x.x.x 25

(x.x.x.x is the external IP address of your server).

– Most firewalls allow you to map an internal IP address to an external one – known as Network Address Translation (NAT), and allow inbound SMTP traffic to their server – requires creating an access rule on the firewall.

2) External DNS Zone:

– Need an A record that maps the external FQDN of the server (e.g. exchange.yourdomain.com) to the external IP address.

– A MX record that points to the above A record.

To test – from outside your firewall:

nslookup -type=MX yourdomain.com

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Bharat Suneja

MVP – Exchange

[www.zenprise.com](http://www.zenprise.com)

NEW blog location:

[exchangeopedia.com/blog](http://exchangeopedia.com/blog)

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"hooutoo" <[hooutoo@xxxxxxxxxx](mailto:hooutoo@xxxxxxxxxx)> wrote in message

[news:1177956887.626985.310030@xx](mailto:news:1177956887.626985.310030@xx)

On Apr 30, 1:55 pm, hooutoo <[hoou...@xxxxxxxxxx](mailto:hoou...@xxxxxxxxxx)> wrote:

On Apr 30, 11:14 am, "Bharat Suneja [MVP]" <[bha...@xxxxxxxxxx](mailto:bha...@xxxxxxxxxx)> wrote:

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This may help:

Exchange Server 2007: internet email without Edge servers  
<http://exchangeopedia.com/blog/2006/07/exchange-server-2007-internet-e...>

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Bharat Suneja  
MVP – Exchange [www.zenprise.com](http://www.zenprise.com)  
NEW blog location:  
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"hooutoo" <hoou...@xxxxxxxx> wrote in message

[news:1177943113.919647.165450@xx](mailto:news:1177943113.919647.165450@xx)

Please bear with me as I'm fairly inexperienced with Exchange. I've just installed Exchange 2007 on a new install of Longhorn Server Beta3. It seemed to install fairly clean. I've create a couple of mailboxes for two domain admin users and am able to email between the two locally. The problem is I'm unable to email to the internet, example – x...@xxxxxxxx, or receive any email from the outside.

Any suggestion would be greatly appreciate on where to start.

Thanks in advance

Steve– Hide quoted text –

Re: Unable to Receive Email from the internet

– Show quoted text –

Bharat.. Thanks for the tip. I'm now able to telnet to port 25 with "telnet mail.myserver.com 25". Below are the results and as you can see I'm running into a RELAY problem.

=====  
telnet mail.myserver.com 25

```
220 server.myserver.local Microsoft ESMTP MAIL Service ready at Mon,
30 Apr
2007 13:19:19 -0400
helo server.myserver.local
250 server.myserver.local Hello [70.88.39.141]
mail from:s...@xxxxxxxxxxxxx
250 2.1.0 Sender OK
rcpt to:shol...@xxxxxxxxxxxxx
550 5.7.1 Unable to relay
=====
```

I've googled "550 5.7.1 Unable to relay" and now beleive there is some sort of policy problem and exchange is therefore unable to relay to the Recipient. I'm just wonder is this has something to do with relaying from "s...@xxxxxxxxxxxxx" to "s...@xxxxxxxxxxxxx". Or/and do I need and internal relay domain.

Again, any suggestions would be helpfull.  
Steve– Hide quoted text –

– Show quoted text –

I've now added a send connector for the internet and am able to send email to a yahoo account. I'm very close at this point! I just need to get inbound email running!

Steve