

Re: Second SMTP Virtual Server

Source:

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- *From:* "Leonard Volling" <volling91@xxxxxxxxxxxxx>
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It seems like for the most part you have taken the appropriate steps to get a configuration like this up and running. The one place where I noticed a step that I would have taken a little differently is when you say you set the new SMTP connector that handles mail delivery to the vendor to use DNS to route mail... seems to me like you would want to set this to forward to a specific smart host. That way all mail destined for the xyz.com domain would go directly to the vendors mail server.

So, I would try the following to get mail flowing outbound to the vendor:

Remove the internal DNS configuration

Leave your SMTP virtual server configuration as-is

Change the setup for the vendor domain SMTP connector to forward to a smart host, instead of use DNS

As for incoming mail from the vendor:

If you want to receive mail for the child domain mms.abc.com then you will need to make sure you have an MX record defined on the external DNS with the child domain mms specified. This MX record can use the existing A record supporting mail deliver for abc.com as in the end they are going to the same server.

Of course, you will also need to have a recipient policy defined that says which user(s) should receive mail for the mms.abc.com domain child domain

Hope that Helps

-Leonard Volling

"GWhitt" <MyBoysAtHome@xxxxxxxxxxxxx> wrote in message
news:ADADE699-C289-45A0-958B-65ED4523A5F0@xxxxxxxxxxxxxxxxxxxxx

We currently have one Exchange 2003 Server handling our domain mail (call us abc.com). Listening and sending on default port 25, everything working fine.

To facilitate GSM communications, we need to set up mail routing between a vendor (call them xyz.com) so that we are still listening on port 25 but sending on port 1050 (to this vendor only). To prepare for this we have completed the following steps:

- 1) Added a second IP address to our existing mail server NIC.
- 2) Added this new IP address to our internal DNS A records as mms.abc.com (resolves properly)
- 3) Added the NAT'd address for external communications to our external DNS as mms.abc.com (Internal rules to our vendor prohibit them routing to our internal addresses; thus the external NAT.) This also resolves properly per

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an outside connection.

4) Created a second SMTP virtual server listening on port 25 and sending on port 1050. This server is using the new IP address.

5) Created a new Connector that uses DNS to route. The new SMTP server is the bridgehead. The address space added is the domain address provided by the vendor. The connector scope is Entire organization and Allow messages to be relayed to these domains is checked.

When we attempt to send mail to "subscriber@xxxxxxxxxx" we get "A configuration error in the e-mail system caused the message to bounce between two servers or to be forwarded between two recipients. #5.3.5" Can anyone help fill in what we're missing. Thanks in advance.