

# Re: Problem running Split DNS configuration and Exchange mailboxes?

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-09/msg03632.html>

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- *From:* [bob.smith.0182@xxxxxxxxxx](mailto:bob.smith.0182@xxxxxxxxxx)
  - *Date:* Mon, 24 Sep 2007 19:41:08 -0700
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Hey all,

Thanks for your help. I know it does seem a bit confusing basically:

Split DNS means:

Forward Lookup Zone has TWO Zones:

1. Installed by default domain.local Zone
2. Custom setup NON-AD integrated domain.com Zone that allows us to use email.domain.com pointed to server, but domain.com pointed to our hosting servers offsite

Basically the issue is that we could not send internal emails to the hr\_recruiting@xxxxxxxxxxx email – it returns a NDR with error 5.1.1 but from external email accounts (e.g. yahoo/gmail/hotmail accounts, it can receive ok)

I tried setting up hr\_recruiting two ways:

1. As a user mailbox – linked to the manager's mailbox
2. As a distribution group (with manager and HR staff linked as members of distribution group)

Both ways turned up NDR errors of 5.1.1 when sending internally, but could still receive from external accounts.

We have implemented POP3 connector to provide redundancy – so that our mail is still received when our server is offline or our internet connection is down, as our POP3 is hosted externally by redundant hosting servers.

Only mentioned OWA because i was using OWA to check it at the time (to lazy to use RPC over HTTPS at the time but normally do use it :P)

Thanks for your help.

On Sep 24, 11:37 pm, "Claus" <cjo...@xxxxxxxxxxxxxxxx> wrote:

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Let's see if I understand this correctly.

First, your setup looks normal and I'm not sure why you call it a split DNS configuration. I would however recommend that you switch your users to Outlook over HTTP instead of having them use OWA. I also would drop the POP3 connector.

As to hr\_recruiting, is that a mail enabled distribution group?

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Claus<bob.smith.0...@xxxxxxxx> wrote in message

[news:1190635898.460363.172700@xx](mailto:news:1190635898.460363.172700@xx)

We currently have a Split DNS Configuration running, where staff using OWA are allowed to use our external domain (email.domain.com) to check OWA INTERNALLY to (i.e. can use email.domain.com internally and externally). Because of this, we have created Host (A) records that link to our website (domain.com) IP address, but have pointed email.domain.com in a Host (A) record to our server IP address. We have also added correct MX Records and Host (A) Records to point to our mail server (we use POP3 Connector to provide redundancy for our mail services). Our Human Resources staff have their account hr\_recruit...@xxxxxxxx that works in a similar fashion to your proposed solution to running exchange distribution groups. However, as the hr\_recruit...@xxxxxxxx address is not actually linked to an existing user account (whereas previously, our accounts and sales accounts were), we are receiving Exchange NDR emails (error 5.1.1) reporting that we cannot internally send email to hr\_recruit...@xxxxxxxx however it is receiving fine from external emails. Could this possibly conflict with the Split DNS Configuration?

Might seem a bit random/confusing so just reply me if you need configuration

Thanks

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– Show quoted text –

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