

## Re: Exchange can't send email to one of the domains

**Source:**

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange2000.admin/2004-11/0744.html>

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**From:** Boris Lokhvitsky (*msexpert\_at\_community.nospam*)

**Date:** 11/23/04

Date: Mon, 22 Nov 2004 17:04:40 -0800

Thanks for answering Kevin,

I get the same results on both servers. Correct MX entries.

Exchange's SMTP, however, is performing DNS queries in a different manner (for example, it is always using TCP, not UDP, for DNS queries), so it cannot be a big argument... and I did not perform TCP based nslookup queries.

<http://support.microsoft.com/?id=263237>

Thanks,  
Boris

"Kevin Longley" <kwlongley@cirtronics.com> wrote in message  
news:e8dBYRO0EHA.1188@tk2msftngp13.phx.gbl...

> *If you use Nslookup to verify the mx records of the domain in question,*  
from

> *each of the exchange servers, what do you get for results?*

>

> *"Boris Lokhvitsky" <msexpert@community.nospam> wrote in message*  
> *news:eVIhsLM0EHA.2572@tk2msftngp13.phx.gbl...*

> > *Hello All,*

> >

> > *Here's a strange problem. There are two Exchange 2000 SP3 servers (on*  
> > *Windows 2000) hosting mailboxes, both belonging to the same*  
organization,

> > *administrative group, and routing group. No SMTP or any other connectors*

> > *configured. Virtual SMTP servers seem to be configured identically on*

both

> > *servers. Both servers use the same DNS servers for DNS resolution. Both*

> > *servers (and DNS servers too) have private addresses and are behind a*

> > *firewall/NAT. No SMTP proxies / gateways / smart hosts for the outgoing*

> > *e-mail.*

> >

microsoft.public.exchange2000.admin: Re: Exchange can't send email to one of the domains

> > *Now the problem itself: ONE of these servers can't send out e-mail*  
> > *messages to ONE specific SMTP domain on the Internet. The mail just*  
sits  
> > *in the queue until its TTL expires. All other mail for other domains*  
seems  
> > *to work fine. Second Exchange server can send e-mail normally to all*  
> > *domains*  
> > *including the domain in question.*  
> >  
> > *On DNS server it can be seen that MX records for the domain in question*  
> > *appear in the cache when sending e-mail from the "good" server but not*  
> > *when*  
> > *sending e-mails from the "bad" server. Seems to be a DNS related issue*  
> > *(strange). However, messages sent to the same domain from the "bad"*  
server  
> > *using a command prompt Telnet session directly to SMTP, go through just*  
> > *fine. Hence – still an Exchange configuration issue?*  
> >  
> > *I'm out of ideas... any thoughts?*  
> >  
> > *Thanks a lot in advance,*  
> > *Boris*  
> >  
> >  
>  
>