

Inbound Mail Error of E-2003 behind Single NIC ISA2004/smtp relay

Source:

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.setup/2006-09/msg00376.html>

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I have following setup:

HP Proliant scsi based server running Windows 2003 R2 32-bit standard Edition with following roles and applications:

- domain controller
- dns (internal only), dhcp, wins, file and print services
- data, IIS 6.0, smtp, nntp, wwb services
- exchange 2003 Standard Edition with SP2 with private and public edb database not on default or system drive

Network is setup as follows:

- the above server is the first DC on new windows 2003 domain (with .local ext) co-existing with an existing windows 2000 domain with Active Directory that was setup with the organisation's internet domain name (i.e. *.domain.com.pg)
- private range of 192.168.0 network with access to internet via router
- External name resolution (for dns) including mx records are maintained by ISP. The router does NAT to translate incoming/outgoing smtp, mail and web request through ISA2004 Server
- ISA2004 Server is on single NIC setup acting as web proxy and smtp relay host of inbound and outbound mail
- less than 70 computers and users
- previous mail and proxy services for the organisation was setup on Free-BSD system that was responsible for incoming/outgoing smtp, mail and web request with POP3 Services for popping users' mailboxes to Outlook clients

Current Scenario:

- Mail is successfully sent out (outbound mail) by internal user via the smtp relay host

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(which is also the ISA Server). The server is also supposed to relay incoming smtp traffic and forwarding to above mail server.
-nslookup and telnet of other organisations mail servers is successful.

Problem:

When replying to recipient, the following errors is generated:

This is an automatically generated Delivery Status Notification.

Delivery to the following recipients failed.

user@xxxxxxxxxxxxxx

Message/delivery-status

Reporting-MTA: dns:[Exchange Server]
Received-From-MTA: dns:[smtp relay server]
Arrival-Date: Mon, 18 Sep 2006 16:41:04 +1000

Final-Recipient: rfc822;user@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Action: failed
Status: 5.0.0
X-Display-Name: User's [FirstName Surname]

I did a search on Internet and found a possible solution which mentioned the Internet name formats must have a value of "*".

However, my setup has the default of "*" and no other entries but I still get the erro.

I think smtp relay h