Setting Up Exchange Server 2003 Mail

September 21, 2010

Microsoft Exchange

At the Start menu, we select All Programs, then Microsoft Exchange and finally System Manager.



Exchange System Manager

The Exchange System Manager will appear on the desktop. We right click on the server name and we choose Internet Mail Wizard from the popup menu.

🚔 Exchange Sys	stem Manager		_0×
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$\leftarrow \rightarrow $	T 🖻 🗟 😫 🖬		
	Delegate control Internet Mail Wizard View New Window from Here Refresh Export List Properties Help	ettings Its cors	
Start Internet Mail	Wizard		

Internet Mail Wizard

The Internet Mail Wizard window will appear on the desktop. We select the Next button to continue.

Internet Mail Wizard		×
	Welcome to the Internet Mail Wizard	
	The Internet Mail Wizard guides you through the process of configuring your Exchange Server to send and receive Internet e-mail.	
	This wizard will perform the following tasks: • Provide a list of tasks you must complete before running the wizard • Gather the necessary information to verify your server's settings • Configure your server to send, receive, or send and To continue, click Next.	
	< <u>B</u> ack (<u>Next</u> >) Cancel Help	

Internet Mail Prerequisite

This window lists the prerequisite to setup an Internet Mail Server. We need to have registered our organization's SMTP domain with the Internet registrar. The Exchange server must have an Internet IP address assigned to it. The DNS server needs to point to the mail exchange server and be able to resolve external Internet addresses.

After meeting the criteria, we pick the Next button to continue.

ternet	Mail Wizard	×
Prere V	equisites for Internet Mail /erify that your Exchange server is correctly configured.	
E	nsure that the following tasks have been successfully completed.	
	You have registered your company's SMTP domain or domains with the Internet registrar.	
	The Exchange server you want to configure for Internet e-mail must have an Internet IP address assigned to it.	
	DNS must be correctly configured for the Exchange server. Your DNS server must have a mail exchanger (MX) record pointing to the Internet IP address of your Exchange server and must be able to resolve external Internet addresses.	
	< <u>B</u> ack <u>Next</u> > Cancel Help	

Server Selection

We pick our Exchange server, Server1 from the list. Servers can not be a part of a Windows cluster. We press the Next button to carry on.

Internet Mail Wizard	×
Server Selection Select a server to install the Internet Mail Service	
Select the Microsoft Exchange Server in your organization that you want to configure for Internet mail delivery.	9
<u>S</u> erver:	
SERVER1	
You cannot run the wizard under the following circumstances:	_
 Four cannot conligure Exchange 5.5 or earlier versions to send or receive internet e-mail using the wizard, so these servers are not available for selection You cannot run the wizard on Exchange servers that: Are part of a Windows cluster Are part of a Network Load Balancing cluster Have multiple network interface cards configured with separate networks in 	
< <u>B</u> ack <u>N</u> ext > Cancel	Help

Prerequisite Test

In the next window, we see that our Exchange server has passed the test for having multiple network interface cards with unique networks and with IP routing between them. We push on the Next button to proceed.

Internet Mail Wizard	×
Wizard in Progress The wizard is running.	
Please wait while the wizard is running.	
Progress:	
Checking if the selected server has multiple network interface cards configure separate networks in which IP routing is enabled between the networks <u>R</u> eport:	d with
The selected server passed the prereq test.	×
< <u>B</u> ack <u>Next</u> Cancel	Help

Internet E-mail Functions

We will configure the mail server to both receive and send Internet e-mail. We check both boxes and pick the Next button to advance.

ternet Mail Wizard				×
Internet E-mail Function Select the e-mail function	s ns you want the E	xchange server	to provide.	
You can configure this so you want to configure the already be a bridgehead	erver to receive li Exchange servi for any SMTP co	nternet e-mail, se er to send Intern nnectors in the I	end Internet e-mail, et e-mail, the serve Exchange organiza	or both. If r must not tion.
Select the appropriate op	otions:			
Receive Internet e-m	ail			
✓ Send Internet e-mail				
If you have modified or c prevented from proceedi	reated SMTP virt ng with this wizar	ual servers or St d. Click Help for	ITP connectors, y more information.	ou may be
				1
	< <u>B</u> ack	<u>N</u> ext >	Lancel	Help

Dual Homed Internet Gateway

We will mark the Yes option to configure this Exchange server to be a dual homed Internet gateway. We press the Next button to go on.

Internet Mail Wizard			×
Configure Your Server Select whether or not to configure an add	itional SMTP Virtual S	Gerver.	
This server has multiple IP addresses on s Internet gateway server, create an Interne Internet mail and configure your Default SI	eparate networks. To t SMTP virtual serve MTP virtual server to	o configure a dual-ho r to accept inbound use an Intranet IP.	omed
Configure the dual-homed Internet gatewa	y topology?		
 Yes 			
C N <u>o</u>			
< <u>B</u> ack	<u>N</u> ext >	Cancel	Help

SMTP Virtual Server

The Internet SMTP virtual server IP address should be the IP address of the external Network Interface Card (NIC). The Default SMTP virtual server IP is the same as the internal NIC. After picking the IP addresses from the list box, we opt for the Next button to carry on.



SMTP Domain

Our SMTP domain will be the Domain Controller for our organization. We press the Next button to advance.

Internet Mail Wizard	X
SMTP Domains for Inbound Mail Review and add domains for this Exchange Organization.	
S <u>M</u> TP domains:	
Image: domain.local Add Bemove Set as From Address	
< <u>B</u> ack <u>N</u> ext > Cancel	Help

Outbound Bridgehead Server

Again, Server1 will be the outbound bridgehead server. We choose the Next button to continue.

Internet Mail Wizard	×
Outbound Bridgehead Server Review the SMTP Virtual Server Instances for your Bridgehead Server.	
Designate a SMTP virtual server to be the bridgehead for outbound Internet mail.	
SMTP virtual server:	
SERVER1 - Default SMTP Virtual Server	
< <u>B</u> ack <u>N</u> ext > Cancel	Help

Outbound Mail Configuration

We will opt to use the DNS server to resolve Internet Domain Addresses. We will select the Next button to go on.

Internet Mail Wizard	×
Outbound Mail Configuration Specify how you want your Exchange server to send Internet mail.	
The Internet Mail Server can use DNS to find the computer on the network to send or you can send mail to a single host.	l mail
Select how you want to send Internet mail:	
Use domain name system (DNS) to send mail	
Can the configured DNS server resolve Internet Domain addresses?	
Yes	
○ No	
C Route all mail through the following smart host:	
Host name or IP address of the smart host:	
< <u>B</u> ack <u>N</u> ext > Cancel	Help

Outbound SMTP Domain Restrictions

We will pick to allow delivery to all email domains, so we will not restrict any domains. Restrictions would be added to the list box if we had them. We then select the Next button.

Internet Mail Wizard	×
Outbound SMTP Domain Restrictions Configure Internet mail delivery options.	
Specify if you want to configure your Exchange server to send to all Internet e-mail domains or to restrict mail to only send to a specified set of Internet e-mail domains.	
Allow delivery to all e-mail domains	
C <u>R</u> estrict delivery to the following e-mail domain(s):	
A <u>d</u> d Re <u>m</u> ove	
< <u>B</u> ack <u>N</u> ext > Cancel	Help

Configuration Summary

A configuration summary of our choices is shown. We can return to previous windows using the Back button or proceed utilizing the Next button.

Internet Mail Wizard	×
Configuration Summary The wizard has finished gathering information and will now configure Internet e-mail as specified.	
Review the summary and click Next to accept the configuration settings. To make changes, click Back. Summary:	
Server 'SERVER1' has been selected as the Internet Gateway Server Inbound Configuration was selected: Your current settings for the SMTP Virtual Server 'Default SMTP Virtual Server' are: -Relay Restrictions = closed relay -Access Control / Authentication = Anonymous Access is enabled Your settings for the SMTP virtual server 'Default SMTP Virtual Server' will now be:	
Summary information is also written to the log file, which is saved to the following location: C:\Documents and Settings\Administrator.SERVER1\My Documents\Exchange Internet Mail Wizard.log. < <u>B</u> ack <u>Next></u> Cancel Hel	p

Internet Mail Wizard Complete

The Internet Mail Wizard is now complete. We can annotate the checkbox to have a summary report written to a text file.

Internet Mail Wizard		×
	Completing the Internet Mail Wizard. Internet Mail Wizard completed successfully. For details, please see the log file, which is saved to the following location: C:\Documents and Settings\Administrator\My Documents\Exchange Internet Mail Wizard.log.	
	See help for information on how to validate and perform DNS and SMTP configuration tests.	
	□ <u>View detailed report when this wizard closes</u>	
	< Back Finish Cancel Help	

Summary Written to Text File

The Summary Report is written to text file and our server is setup for Internet e-mail.

📙 Exchange Internet Mail Wizard.log - Notepad	
Eile Edit Format View Help	
9/22/2010 8:29 PM Server 'SERVER1' has been selected as the Internet Gateway Server	<u>^</u>
Inbound Configuration was selected: Your current settings for the SMTP Virtual Server 'Default SMTP Virtual Server' are: -Relay Restrictions = closed relay -Access Control / Authentication = Anonymous Access is enabled Your settings for the SMTP virtual server 'Default SMTP Virtual Server' will now be: -Relay Restrictions = closed relay -Access Control / Authentication = Anonymous Access is enabled -option to configure two SMTP Virtual Servers was selected -Modify the SMTP Virtual Server 'Default SMTP Virtual Server''s IP address to '192.168.0.1' -New SMTP Virtual Server named 'Internet SMTP Virtual Server' will be created with an IP address '192.168.10.240' -The domain(s) your server is configured to accept inbound mail for are the following authoritat inbound SMTP domains that are configured in Recipient Policies: domain.local;	of ive
Outbound Configuration was selected: -New SMTP connector named 'Internet Mail SMTP Connector (SERVER1)' will be created under routing group 'First Routing Group' -SMTP Virtual Server 'Default SMTP Virtual Server' is configured as the Outbound Bridgehead with following settings: -Uses DNS to send email -Allows delivery to all Internet e-mail domains	the
Results: Successfully created the SMTP Virtual Server 'Internet SMTP Virtual Server' Successfully created the SMTP connector 'Internet Mail SMTP Connector (SERVER1)' Successfully modified the SMTP Virtual Server 'Default SMTP Virtual Server'	