

Exchange Settings

To ensure that SMGateway can successfully send mail to your Exchange Server, you must ensure that Exchange has been enabled to allow the SMGateway server access to the SMTP Virtual Service.

Exchange can be set to reject mail from all hosts other than those specifically specified, and if this feature has been enabled, you will need to add the IP address of your SMGateway Server to the list of servers that may send mail to your Exchange Server.

Blocking Messages for non-existent mailboxes

Microsoft Exchange Server 2003 provides the ability to perform a recipient lookup on mailboxes to ensure that the address that mail is destined for is in fact a valid e-mail address within the system.

This feature was added to try and circumvent spammers from harvesting known good recipient addresses by performing a brute-force dictionary attack. In the past, all messages going into Exchange were passed to the Information Store, where the e-mail address was validated against an e-mail address in the Global Address List or Directory. If the address was found to be invalid, a non-delivery receipt (as defined in RFC 2821) was issued, thus giving spammers knowledge of which addresses within an organisation were good, and which were not.

Enable directory lookup for recipients in the recipient filter

- Open Exchange System Manager
- Open Global Settings, right-click on Message Deliver, choose properties
- Choose the "Recipient Filtering" tab
- Check the box "Filter recipients who are not in the Directory"
- Click OK to close

Enable the recipient filter on the SMTP protocol binding that accepts mail from the Internet

- Navigate to the SMTP Virtual Server that listens on the Internet (repeat all steps if you have more than one)
- Right-click on the SMTP Virtual Server, choose properties
- On the “General” tab (already open), click the “Advanced...” button next to IP address
- Choose the IP/Port binding that corresponds to the one that listens on the Internet. Either double-click or click the “Edit...” button
- Click the checkbox next to “Apply Recipient Filter”
- Click OK three times to close this.

Now when someone does a RCPT TO: invaliduser@localdomain, they will receive a:

550 5.5.1 User unknown