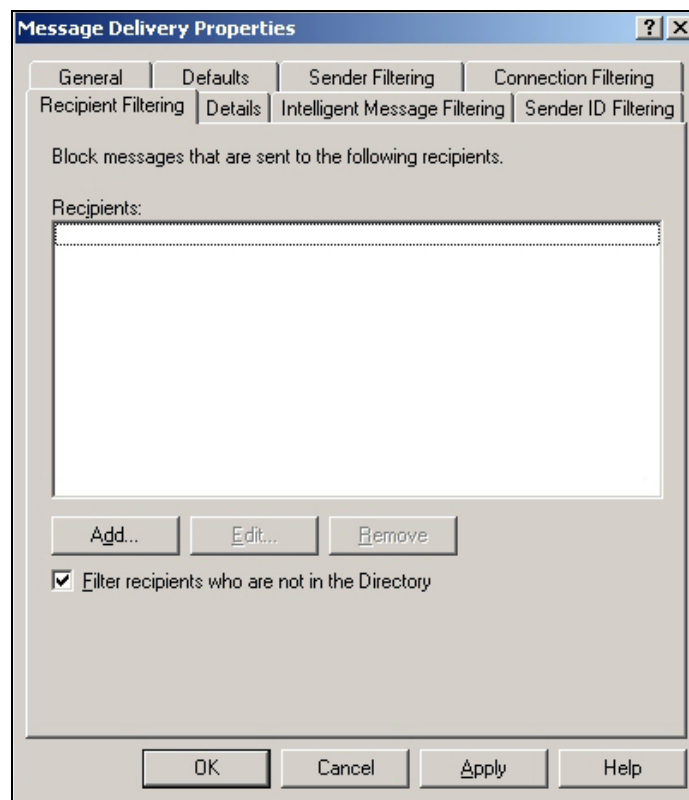


Exchange Recipient Filtering V1.00

Allows the SMTP server to drop or reject email not addressed to a mail enabled account in Active Directory.

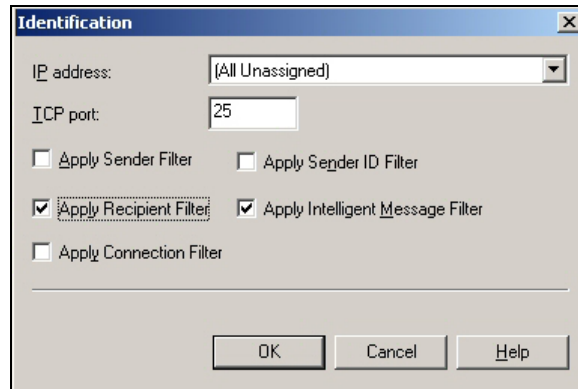
To enable recipient filtering :

1. Run *Start | All Programs | Microsoft Exchange | System Manager*.
2. Expand *Global Settings* until you locate *Message Delivery*.
3. Right mouse click on *Message Delivery* and select *Properties*.
4. Click the *Recipient Filtering Tab*.
5. Enable *Filter Recipients Who Are Not in the Directory* check box like so :



6. A dialog box appears indicating that you must manually enable recipient filtering on the SMTP server. Click *OK*.
7. In the Exchange Manager now locate *Servers | <Server_name> | Protocols | SMTP*.

8. Right mouse click the *Default SMTP* virtual server and select *Properties*.
9. On the *General Tab*, click the *Advanced* button
10. In the *Advanced* dialog box click *Edit*.
11. In the *Identification* dialog box, enable the *Apply Recipient Filter* check box like so :



12. Close out of Exchange System Manager.

Tar Pitting

With Recipient Filtering enabled unmatched recipients are rejected by the SMTP service, however the problem is that a rejected request sends an immediate response. Potentially this may allow a spammer to run a script against the server to determine which are valid email addresses. The way around this is to implement a delay in the recipient rejection response. This process is known as tar pitting.

Further information about tar pitting can be found in KB899492 (<http://www.support.microsoft.com/kb/899492/>)

To implement this tar pitting feature you will need a hotfix (detailed in KB899492) which is included with Windows Server 2003 SP1 (and of course SBS SP1).

To enable the feature you need to make the following registry changes :

1. Click Start, click Run, type regedit in the Open box, and then click OK.
2. Locate and then click the following registry subkey:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\SMTPSVC\
Parameters

3. On the Edit menu, point to New, and then click DWORD Value.
4. Type TarpitTime as the registry entry name, and then press ENTER.
5. On the Edit menu, click Modify.
6. Click Decimal.
7. In the Value data box, type the number of seconds that you want to delay SMTP address verification responses for each address that does not exist, and then click OK.

For example, type 5, and then click OK. This setting will delay SMTP address verification responses for 5 seconds.

8. Quit Registry Editor.
9. Restart the computer.