SMS comfort

Technical Tip 24

SMTP Connector S/R on Exchange 2007/10

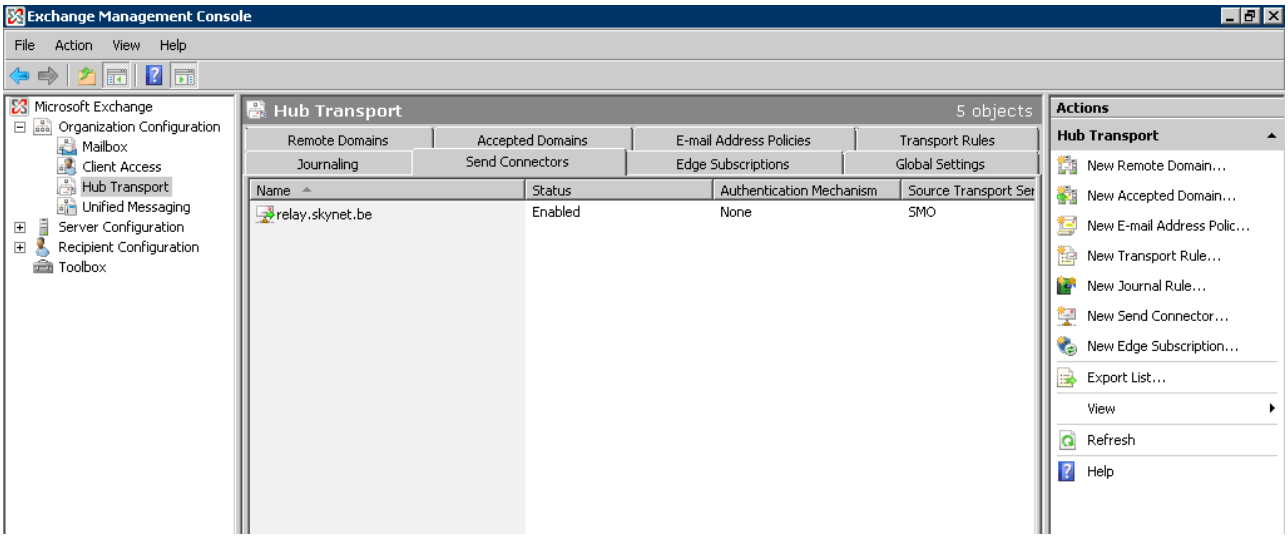
This technical tip document describes first the configuration of an SMTP Send connector and in the second part how to configure an SMTP Receive connector on MS Exchange 2007-2010.

SMTP Send Connector

Control how the SMTP Server sends messages over SMTP. In other words, how it handles connections to other SMTP servers.

Add a 'Send Connector' to Microsoft Exchange 2007 server for address spaces: "sms.sonal"

1. Open the **'Exchange Management Console'** -> **'Organization Configuration'** -> **'Hub Transport'**.



2. Under **'Send Connector'** tab select **'New Send Connector'**.

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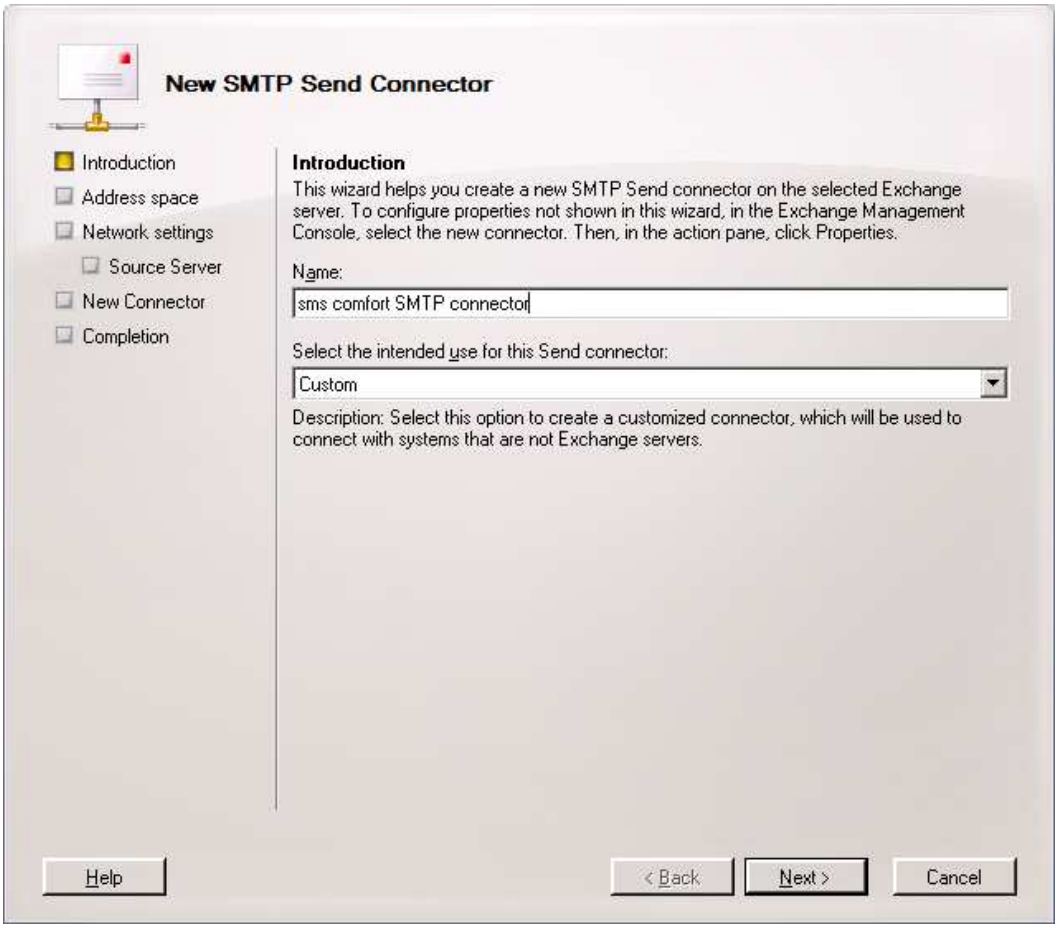
3. In the **'New SMTP connector'** wizard enter the 'Name' for the connector in the 'Introduction' screen. The name can be set to: '**SMS comfort SMTP Connector'**.



4. From the **'Select the intended use for this Send Connector'** drop down list box select **'Custom'** and click **Next'**.

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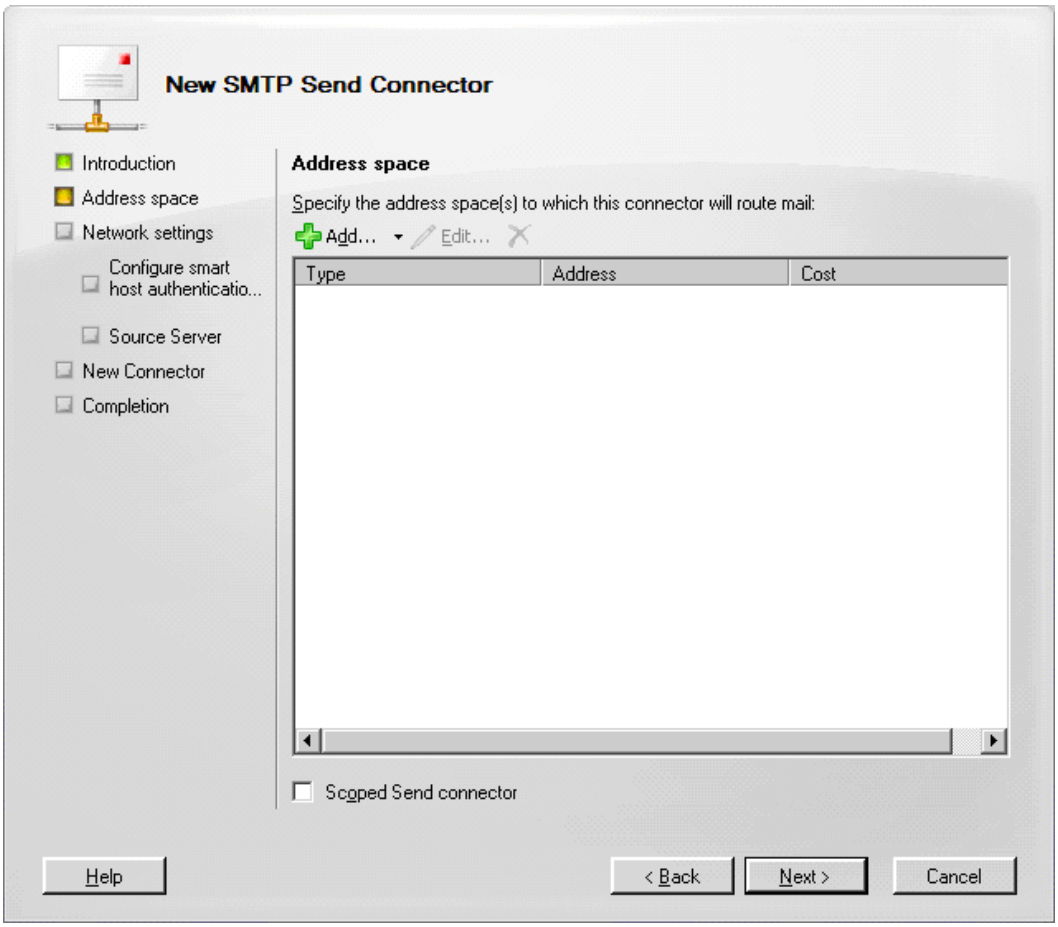
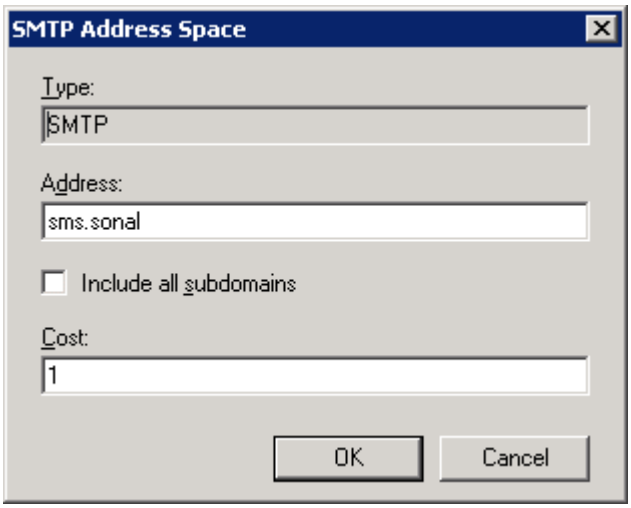
5. In the **'Address space'** screen click on '**Add'** and enter '**sms.sonal'**.





6. Click '**Ok'**.

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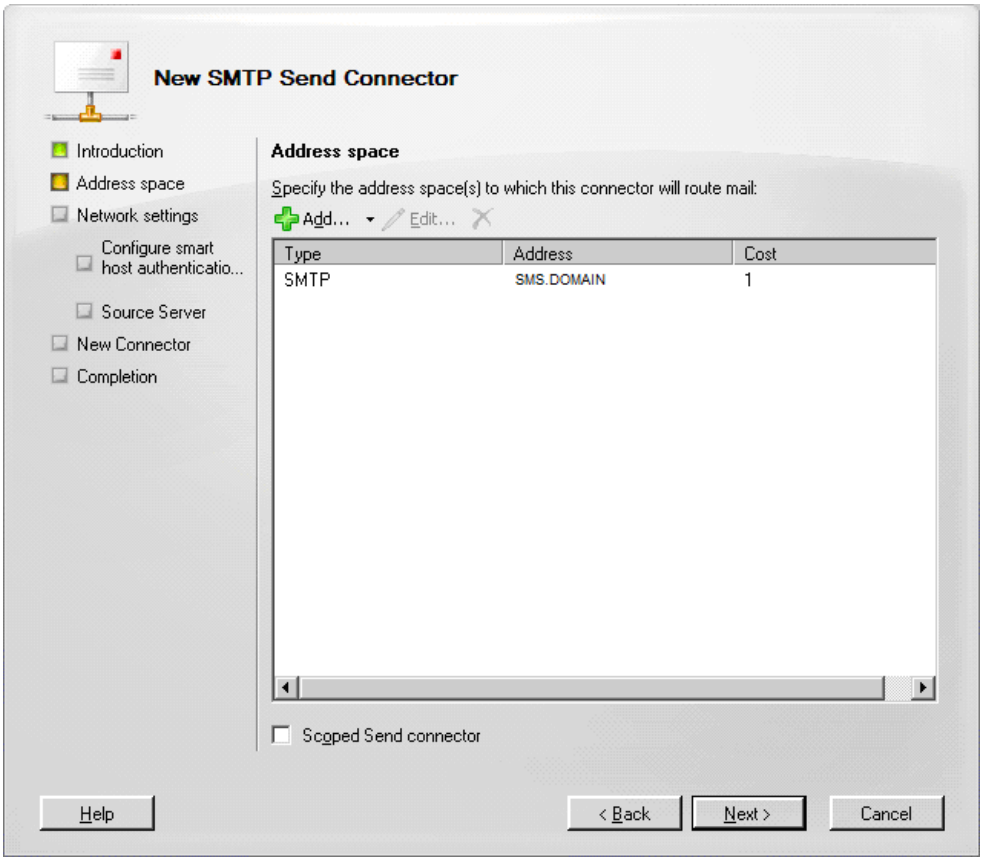
7. Ensure that the Address spaces created have the default 'Type' of '**SMTP'** as the following screenshot, and click **Next'**.



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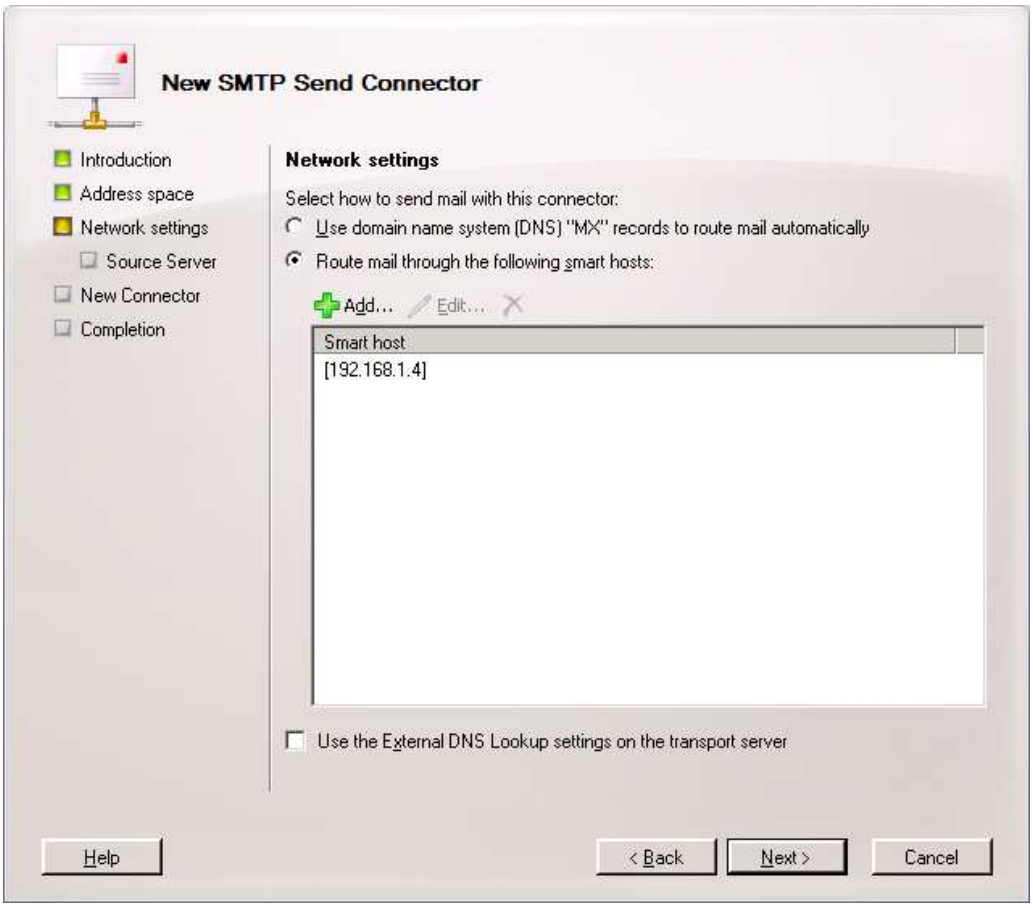
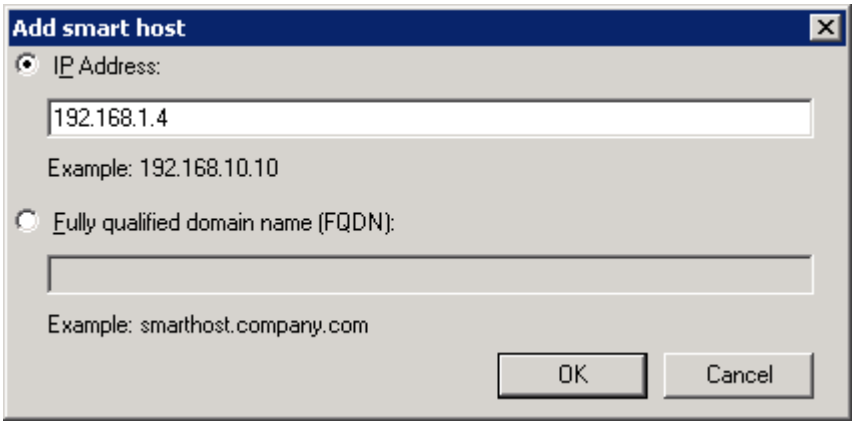
8. In the 'Network Settings' screen choose '**Route mail through the following smart host'**.

9. Click on '**Add'** and insert the '**IP address'** of the machine where SMS Comfort will be installed and click '**Next'**.





10. Click '**Ok'**.

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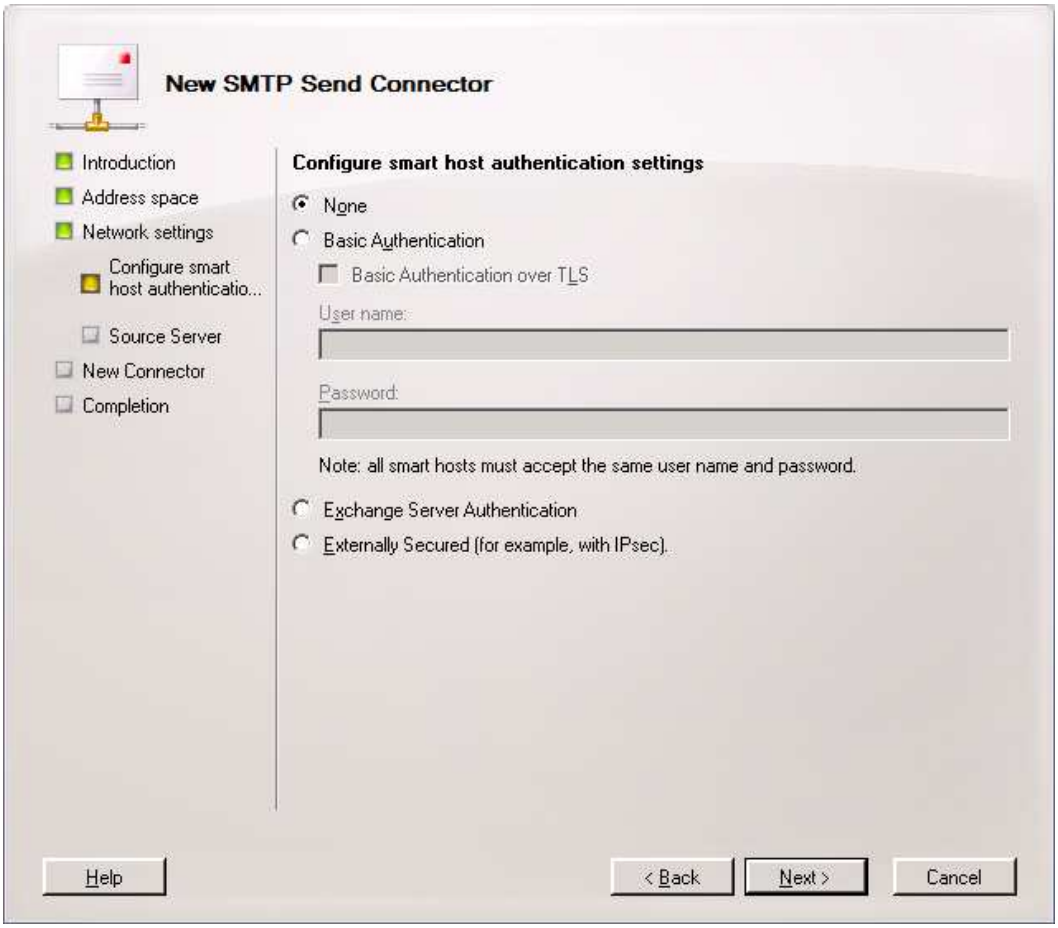
11. In the '**Configure smart host authentication settings'** screen set authentication for the SMS comfort machine, should this be required – **normally this is not required**. Click '**Next'**.



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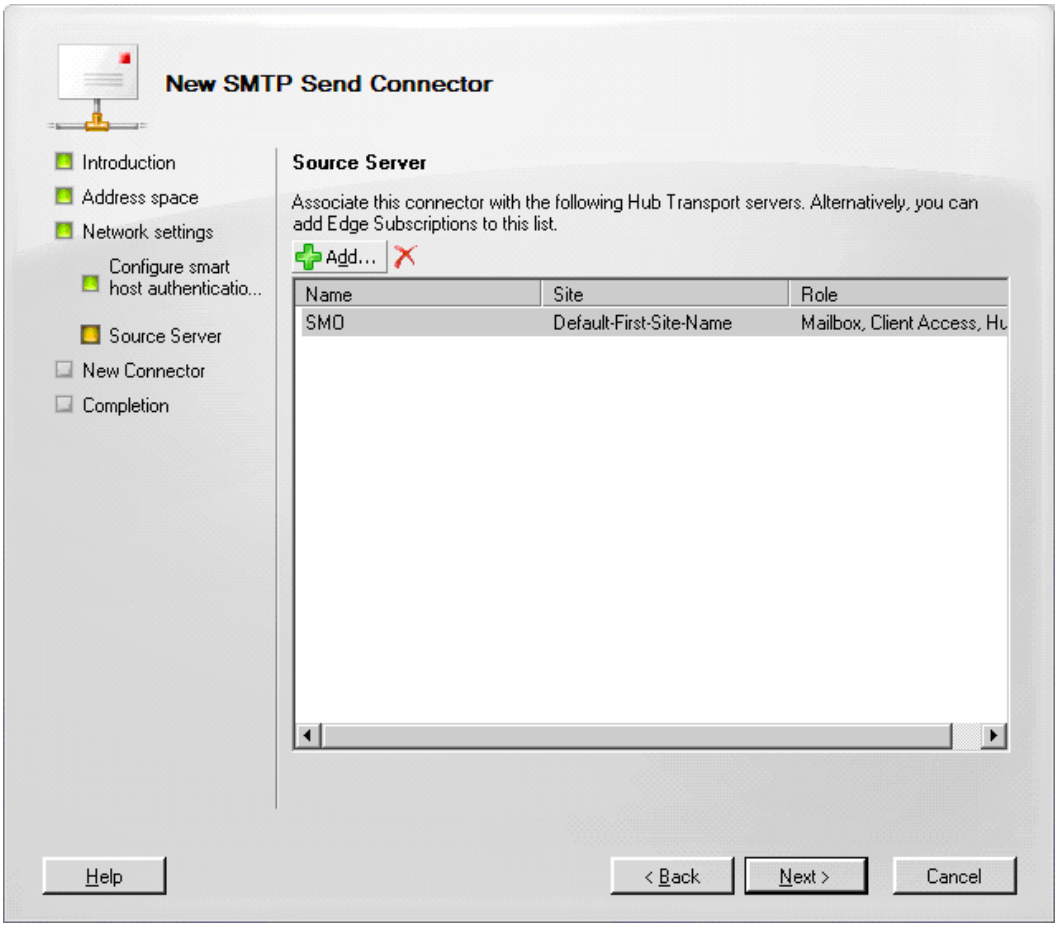
12. In the **'Source Server'** screen select the Hub Transport server with which the connector will be associated. Click '**Next'**



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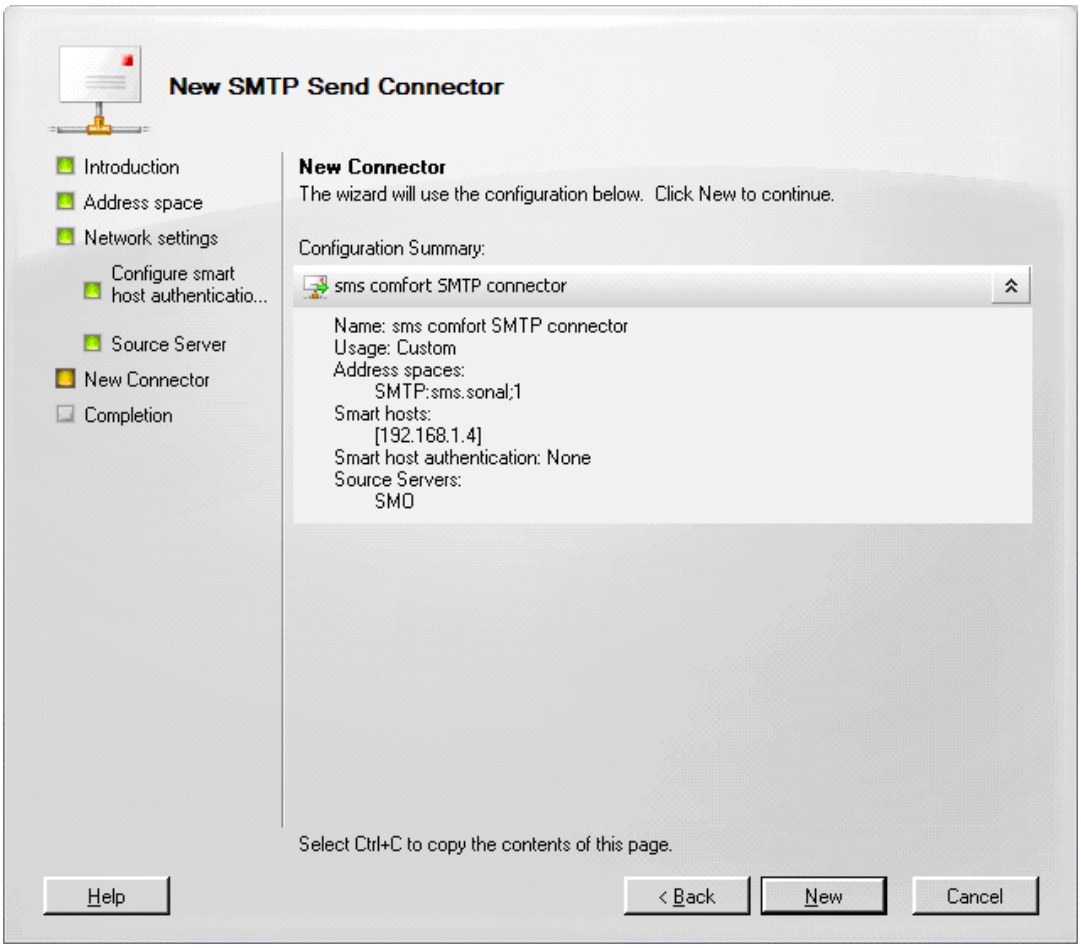
13. Complete the wizard in order to create the ‘Send Connector’. Click ‘**New’**



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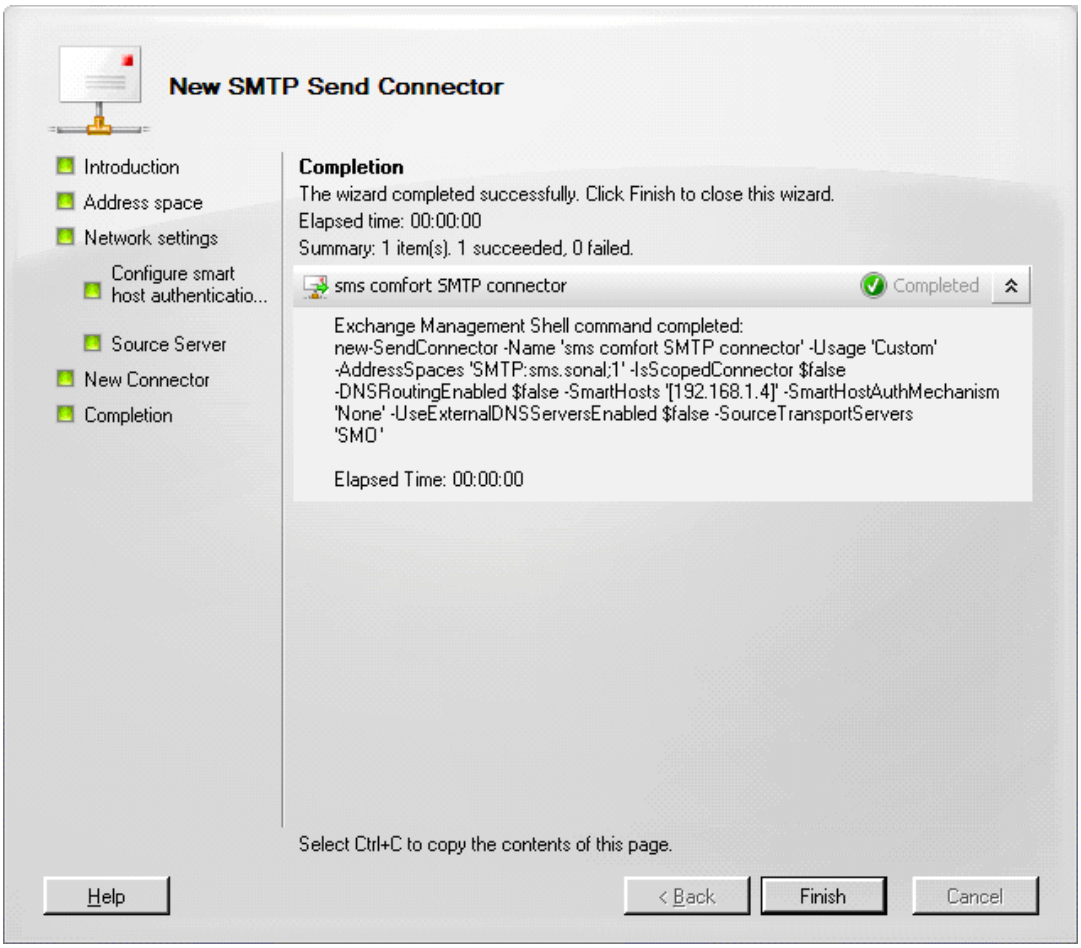
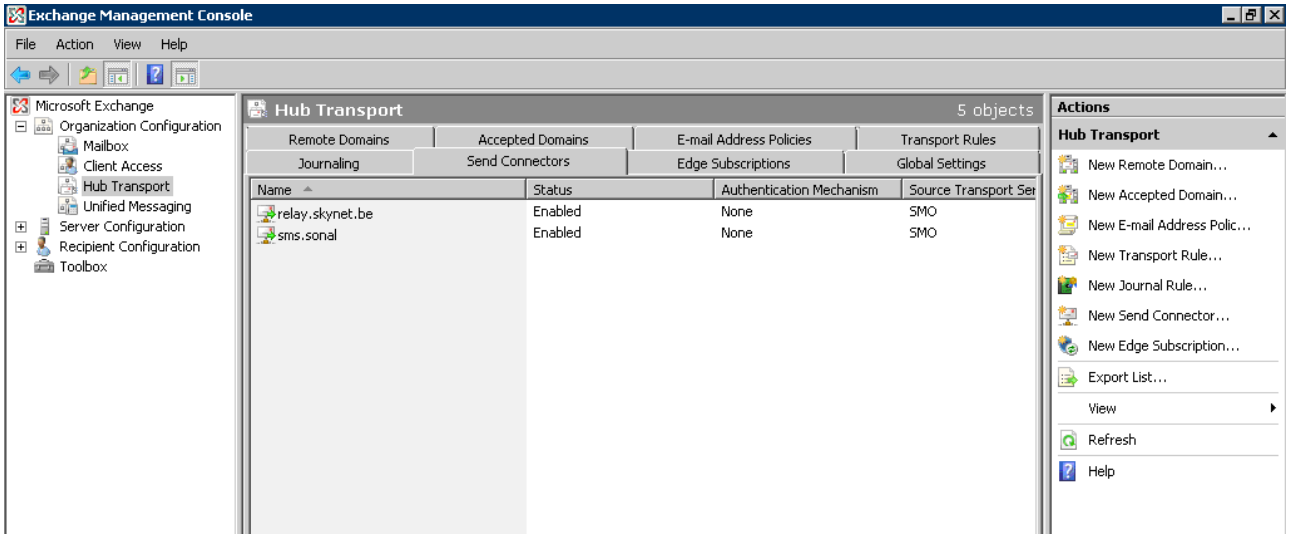
14. To accept the configuration click **'Finish'**



When the Send Connector Wizard is complete, the **SMS comfort** connector will be available in the '**Send Connector'** tab. This connector should be set to 'Enabled' by default.



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SMTP Receive Connector

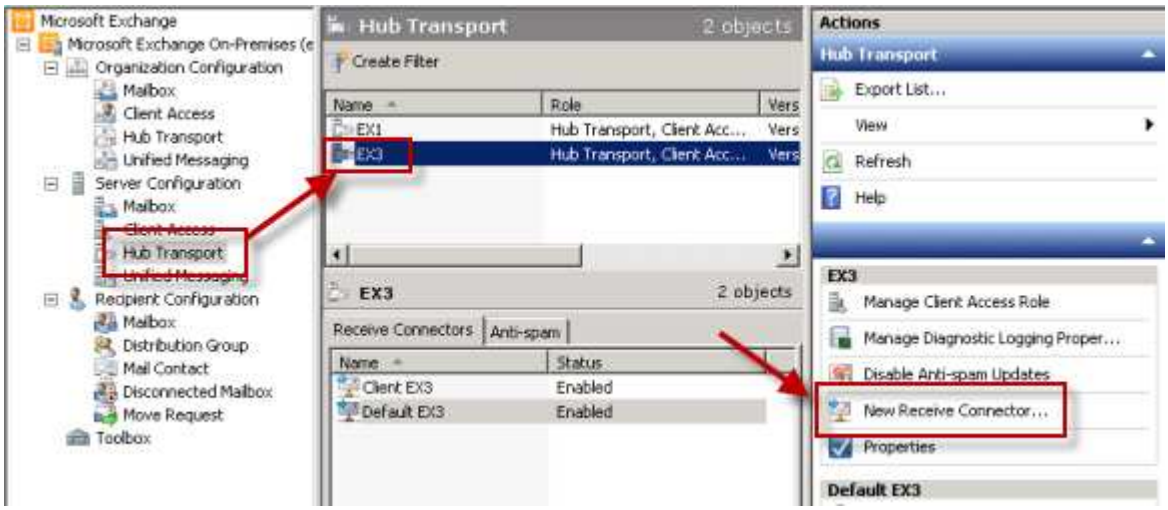
In most Exchange server 2007-2010 environments there will be the need to allow relaying for certain hosts, devices or applications to send email via the Exchange server. This is common with multi-function devices such as network attached printer/scanners, or applications such as SMS comfort software that send emails.
SMTP communication is handled by the HUB transport service in an Exchange organization. The transport service listens for SMTP connections on it's default Receive Connector.
However, this connector is secured by default to not allow anonymous connections (ie, the type of connection most non-Exchange systems will be making).

You can see this in effect if you telnet to the server on port 25 and try to initiate unauthenticated SMTP communications.

```
220 EX3.exchangeserverpro.local Microsoft ESMTP MAIL Service ready at Wed, 18 Au
g 2010 19:42:27 +1000
helo
250 EX3.exchangeserverpro.local Hello [192.168.0.9]
mail from: somebody@hotmail.com
530 5.7.1 Client was not authenticated
```

For some Hub Transport servers that are internet-facing, anonymous connections may already be enabled. In those cases relay would still be denied but will behave differently than the first example.

Launch the **Exchange Management Console** and navigate to **Server Management**, and then **Hub Transport**. Select the Hub Transport server you wish to create the new Receive Connector on, and from the **Actions** pane of the console choose **New Receive Connector**.



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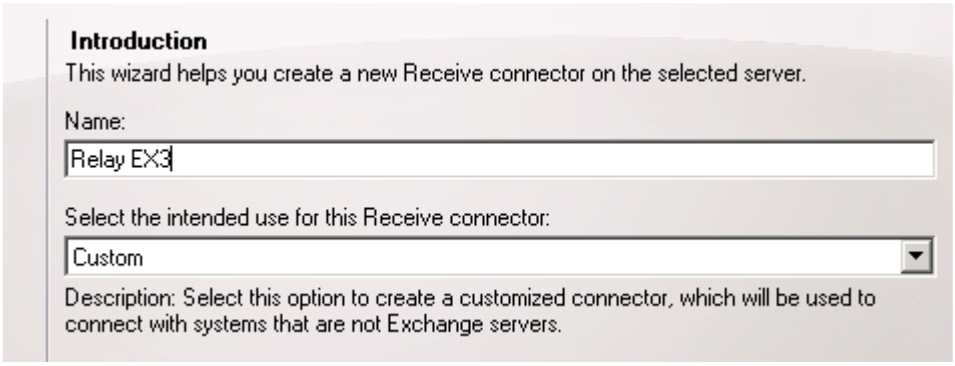
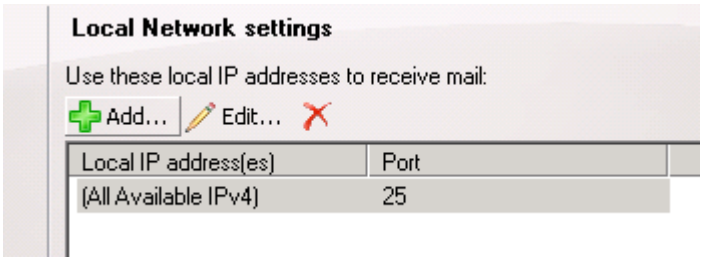
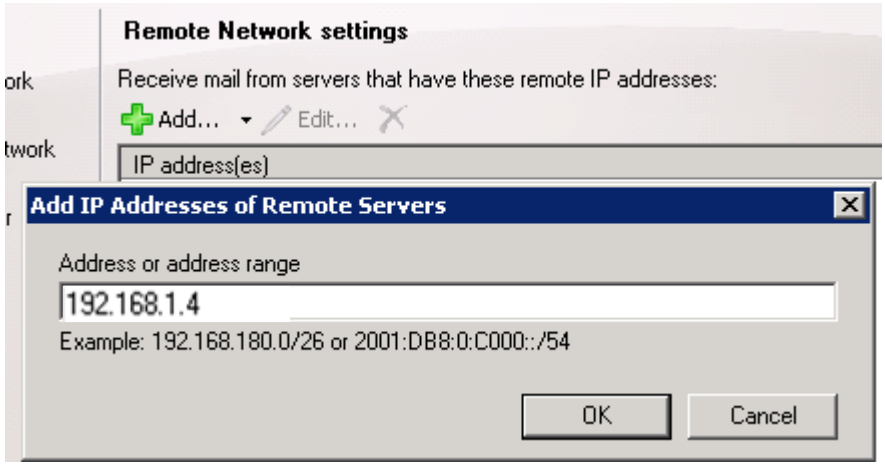


You can leave the local network settings as is, or optionally you can use a dedicated IP address for this connector if one has already been allocated to the server. Using dedicated IP addresses for each connector is sometimes required if you need to create connectors with different authentication settings, but for a general relay connector it is not necessary to change it.



Highlight the default IP range in the remote network settings and click the red X to delete it.

Now click the **Add** button and enter the IP address of the SMS Comfort server you want to allow to relay through the Exchange server. Click OK to add it and then Next to continue.



Click the **New** button to complete the wizard.

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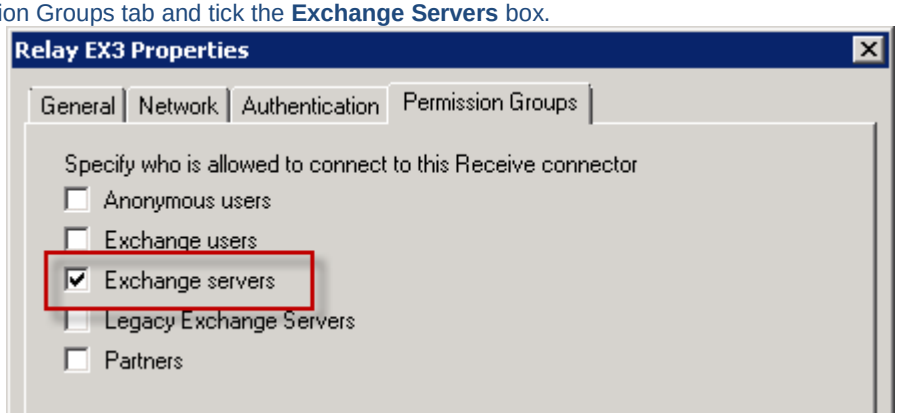
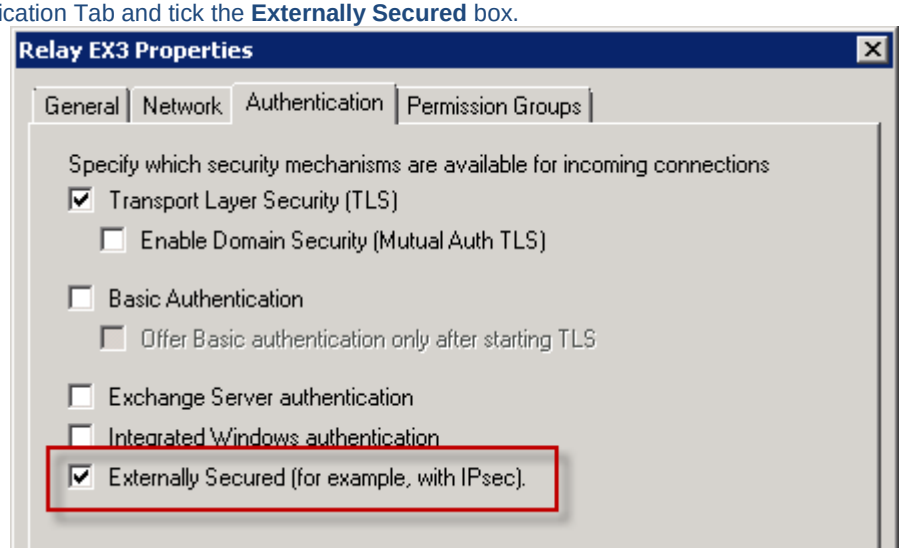
The Receive Connector has now been created but is not yet ready to allow the server to relay through it. Go back to the Exchange Management Console, right-click the newly created Receive Connector and choose properties.
Select the Permission Groups tab and tick the **Exchange Servers** box.



Select the Authentication Tab and tick the **Externally Secured** box.



Apply the changes and the Receive Connector is now ready for the server to relay through.

Source: http://exchangeserverpro.com

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