

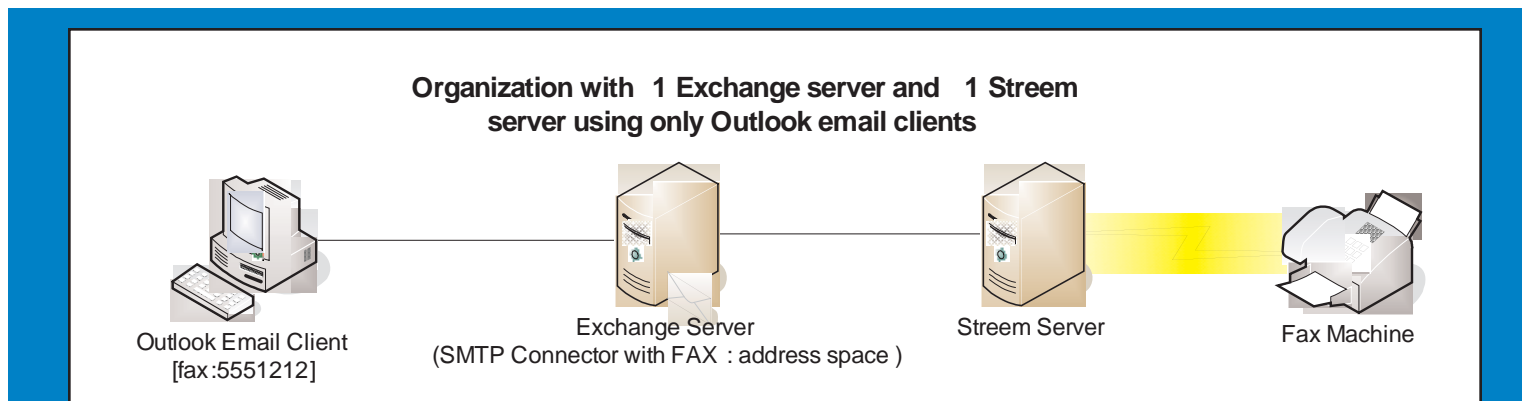
Stream SMTP Connector

In Microsoft Exchange environments, an SMTP connector will need to be created for desktop faxing. The SMTP connector is created on the Exchange server to route messages destined to a fax number to the Stream server for processing. It is possible to send faxes from many different applications including Microsoft Outlook, third-party email clients, scan-to-email multi-function devices, or custom applications, such as mainframe or web-based applications.

There are three distinct configurations for the SMTP connector that vary based on the environment and the required applications or device supported.

Note: This document is provided as a guideline and covers only basic Microsoft Exchange installations. If your Exchange environment is more complex than what is illustrated, please discuss this with a Stream Implementation Technician or Stream Support. It is the responsibility of the customer to ensure that email is routed through the Exchange mail system and reaches the Stream Center server.

Configuration 1



When the Exchange server and Stream server are located at the same site, the above configuration is used. It requires that only Outlook clients are used. Other third-party email clients and scan-to-email devices are not supported for faxing using this configuration. This method integrates best with Microsoft Outlook, allowing the use of the Business Fax field within Contacts.

Using this connector, faxes are sent from within Microsoft Outlook by addressing an email to [fax:5551212] (where 5551212 is the fax number). Users can also choose Business Fax recipients from Outlook contacts to address the email.

To create the connector in configuration 1 on the Exchange server, follow these 4 steps:

Step 1

From the Exchange System Administrator, choose **New > SMTP Connector**. Enter the information as shown.

3 - Click the Add Button to choose the Bridgehead server(s). Add all servers from the list.

Properties

Address Space | Connected Routing Groups
Content Restrictions | Delivery Options | General

Name: FAX

Use DNS to route to each address space on this connector
 Forward all mail through this connector to the following smart hosts

[Stream Server IP Address] - (Must include the square brackets)

Local bridgeheads:

Server	Virtual Server
SC-NJC02	Default SMTP Virtual Server

Add... Remove

Do not allow public folder referrals

OK Cancel Apply Help

1 - Name of the connector, we use FAX as a default, but can be anything you wish

2 - IP address of destination Stream server.

Note: the address must be surrounded by square brackets

Step 2

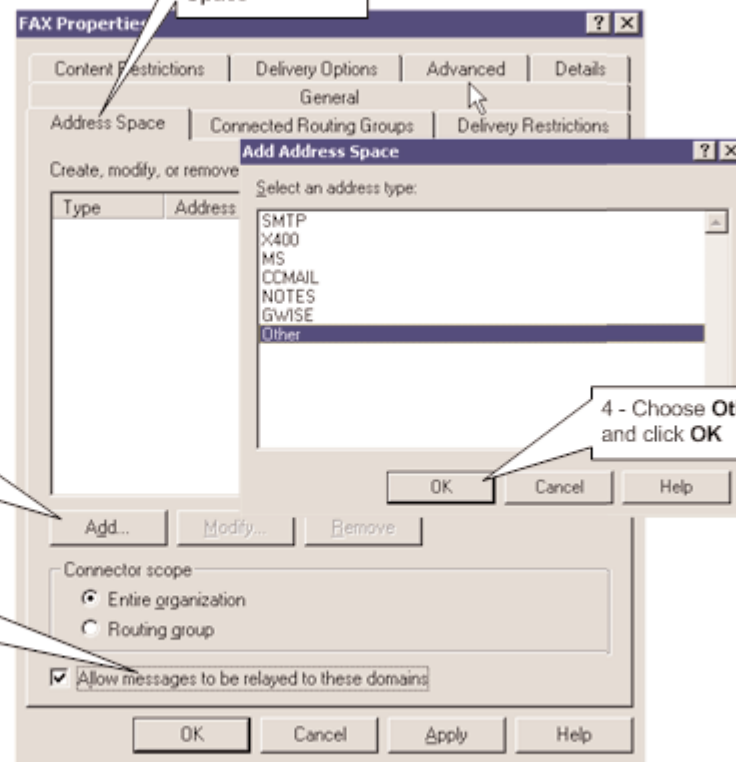
- Click the **Address Space** Tab
- Check **"Allow messages to be relayed to these domains"**
- Click the **Add** button
- Choose **Other**
- Click **OK**

3 - Click **Add**

2 - Check **"Allow messages to be relayed to these domains"**

1 - Click **Address Space**

4 - Choose **Other** and click **OK**



Step 3

- Enter **FAX** for **Type**
- Enter **1** for **Cost**
- Enter ***** for **Address**

The screenshot shows the 'Other Address Space Properties' dialog box. The 'Address' dropdown menu is open, and a callout points to it with the text: '1 - This is the address type, this must be entered as FAX'. The 'Type' field contains 'FAX', the 'Cost' field contains '1', and the 'Address' field contains '*'. A callout points to the 'Address' field with the text: '2 - Enter * for Address'. At the bottom, a callout points to the 'OK' button with the text: '3 - Click OK'. The dialog box has standard buttons: 'OK', 'Cancel', 'Apply', and 'Help'.

Step 4

- Verify the settings and click OK

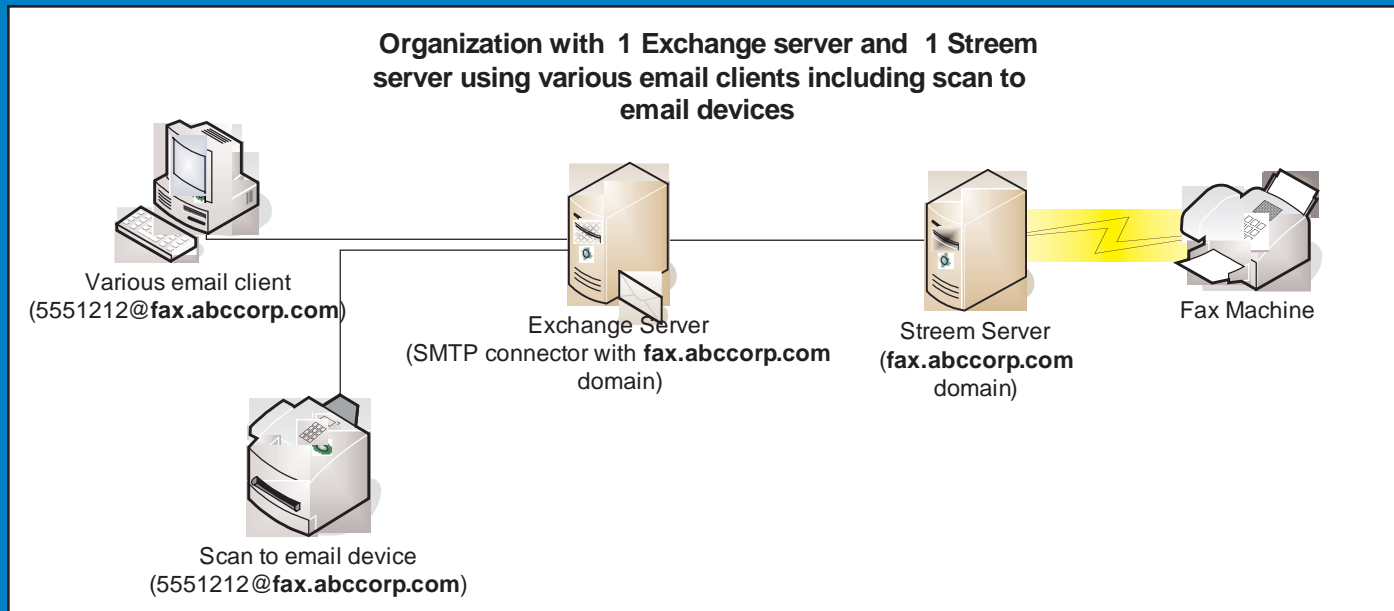
The screenshot shows the 'Properties' dialog box for an SMTP Connector, with the 'General' tab selected. The 'Address Space' section is active, displaying a table with one entry: 'FAX' with a '*' address and a cost of '1'. Below the table are buttons for 'Add...', 'Modify...', and 'Remove'. The 'Connector scope' section has 'Entire organization' selected. The 'Allow messages to be relayed to these domains' checkbox is checked. At the bottom, there are 'OK', 'Cancel', 'Apply', and 'Help' buttons. A callout box points to the 'OK' button.

Type	Address	Cost
FAX	*	1

Click **OK** to complete the configuration

This completes the SMTP Connector creation for Configuration 1.

Configuration 2



The above configuration is used when it is necessary to send faxes using the 5551212@fax.abccorp.com format (where 5551212 is the fax number). It is mostly used when sending faxes using a custom application, scan-to-email devices, or when using an e-mail client other than Outlook.

This configuration assumes ABC Corp has a Stream server, one Exchange server, and is using email clients other than Microsoft Outlook. This can include POP3 clients, IMAP clients, scan-to-email devices, and custom mainframe or web applications.

Note: This configuration can be used in combination with the configuration 1 to allow Microsoft Outlook users the ability to send faxes using the [fax:5551212] format, as well as use the business fax field from within contacts. To do so, simply need to create both connectors on the Exchange server.

To create the connector in configuration 2 on the Exchange server, follow these 4 steps:

Step 1

From the Exchange System Administrator, choose **New > SMTP Connector**. Enter the information as shown.

3 - Click the Add Button to choose the Bridgehead server(s). Add all servers from the list.

1 - Name of the connector, use the same name as the sub domain you are creating

2 - IP address of destination Stream server.
Note: the address must be surrounded by square brackets

Server	Virtual Server
SC-NJC02	Default SMTP Virtual Server

3 - Click the Add Button to choose the Bridgehead server(s). Add all servers from the list.

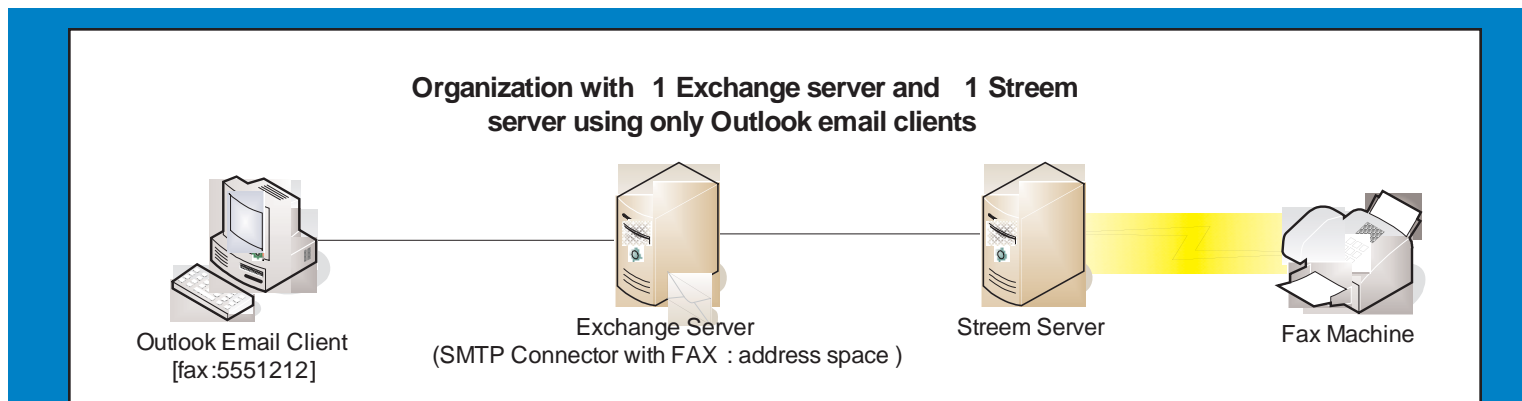
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Using this connector, faxes are sent from within Microsoft Outlook by addressing an email to [fax:5551212] (where 5551212 is the fax number). Users can also choose Business Fax recipients from Outlook contacts to address the email.

Step 2

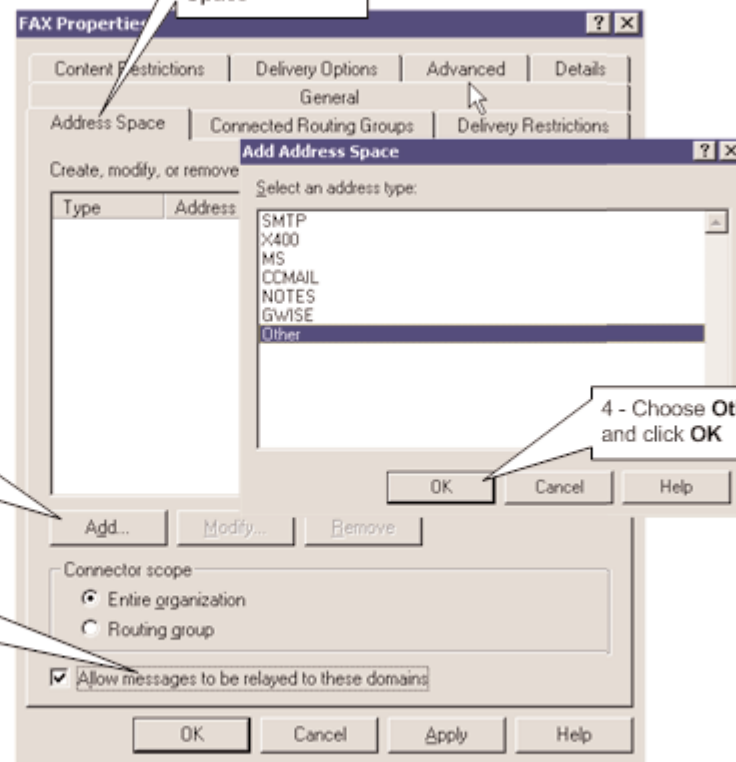
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- Check **"Allow messages to be relayed to these domains"**
- Click the **Add** button
- Choose **Other**
- Click **OK**

3 - Click **Add**

2 - Check **"Allow messages to be relayed to these domains"**

1 - Click **Address Space**

4 - Choose **Other** and click **OK**



Step 3

- Enter **FAX** for **Type**
- Enter **1** for **Cost**
- Enter ***** for **Address**

The screenshot shows the 'Other Address Space Properties' dialog box. The 'Address' dropdown menu is open, and a callout points to it with the text: '1 - This is the address type, this must be entered as FAX'. The 'Type' field contains 'FAX', the 'Cost' field contains '1', and the 'Address' field contains '*'. A callout points to the 'Address' field with the text: '2 - Enter * for Address'. At the bottom, a callout points to the 'OK' button with the text: '3 - Click OK'. The dialog box has standard buttons: 'OK', 'Cancel', 'Apply', and 'Help'.

Step 4

- Verify the settings and click OK

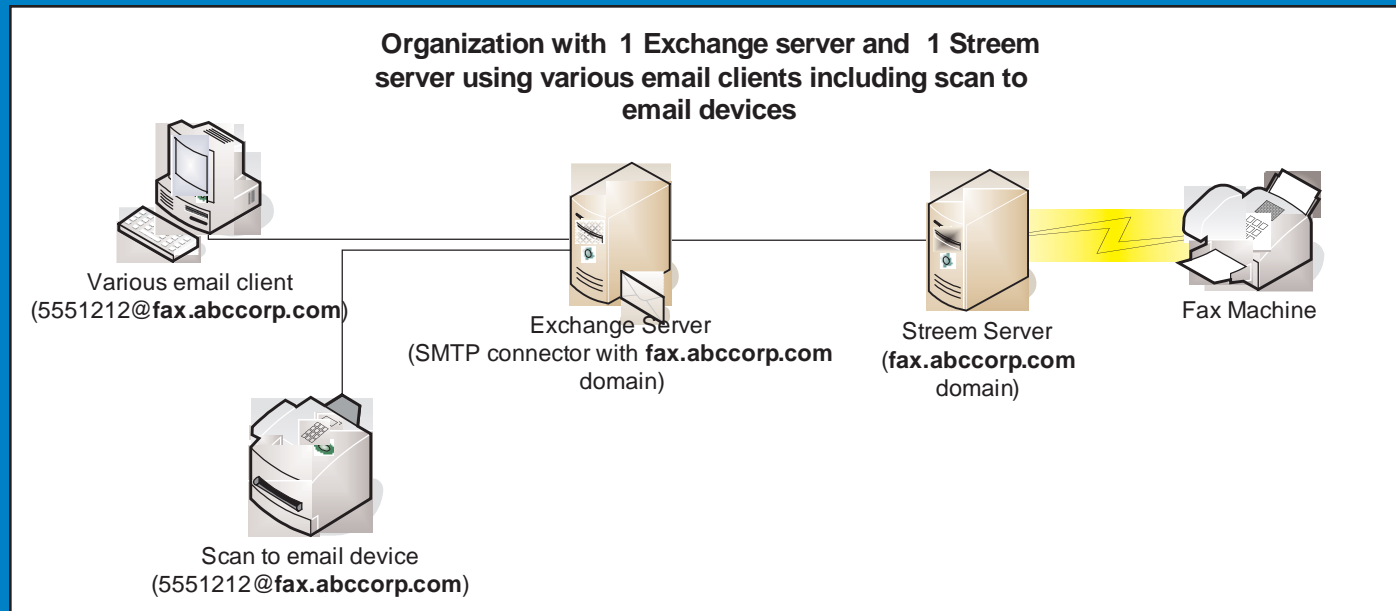
The screenshot shows the 'Properties' dialog box for an SMTP Connector, with the 'General' tab selected. The 'Address Space' sub-tab is active, displaying a table with one entry: 'FAX' with a '*' address and a cost of '1'. Below the table are buttons for 'Add...', 'Modify...', and 'Remove'. The 'Connector scope' section has 'Entire organization' selected. The 'Allow messages to be relayed to these domains' checkbox is checked. At the bottom, the 'OK' button is highlighted by a callout box.

Type	Address	Cost
FAX	*	1

Click **OK** to complete the configuration

This completes the SMTP Connector creation for Configuration 1.

Configuration 2



The above configuration is used when it is necessary to send faxes using the 5551212@fax.abccorp.com format (where 5551212 is the fax number). It is mostly used when sending faxes using a custom application, scan-to-email devices, or when using an e-mail client other than Outlook.

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To create the connector in configuration 2 on the Exchange server, follow these 4 steps:

Step 1

From the Exchange System Administrator, choose **New > SMTP Connector**. Enter the information as shown.

3 - Click the Add Button to choose the Bridgehead server(s). Add all servers from the list.

1 - Name of the connector, use the same name as the sub domain you are creating

2 - IP address of destination Stream server.
Note: the address must be surrounded by square brackets

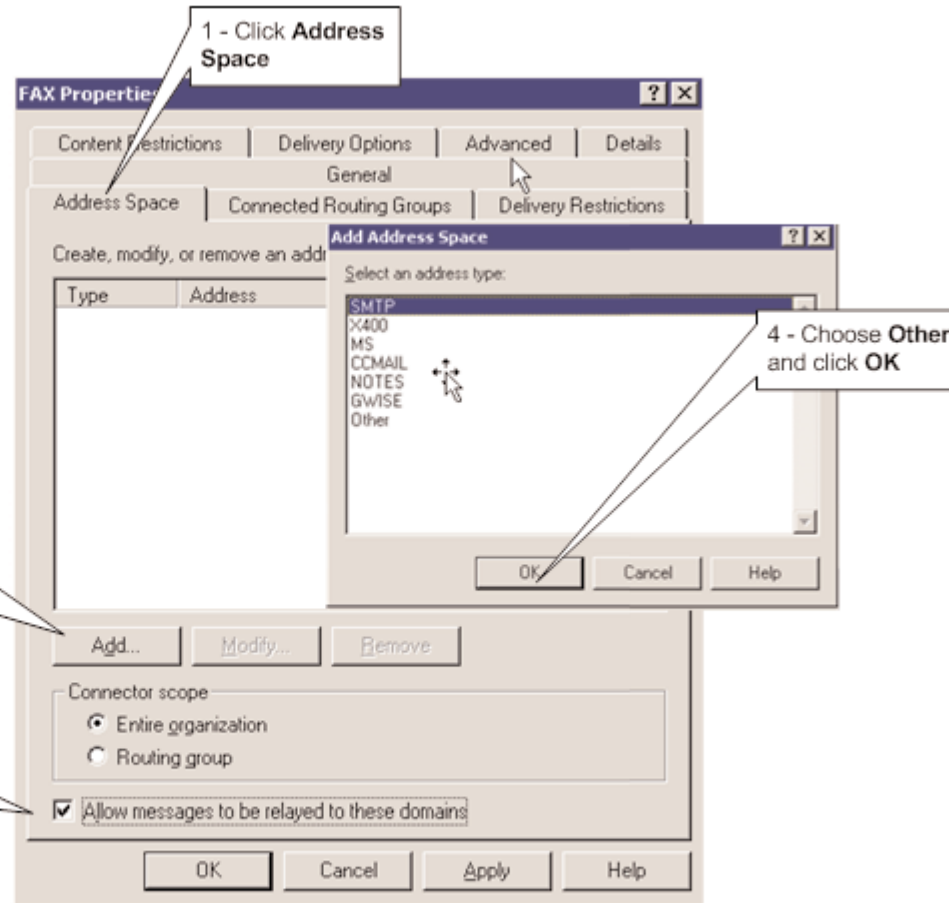
Server	Virtual Server
SC-NJC02	Default SMTP Virtual Server

Step 2

- Click the **Address Space** Tab
- Check **"Allow messages to be relayed to these domains"**
- Click the **Add** button
- Choose **SMTP**
- Click **OK**

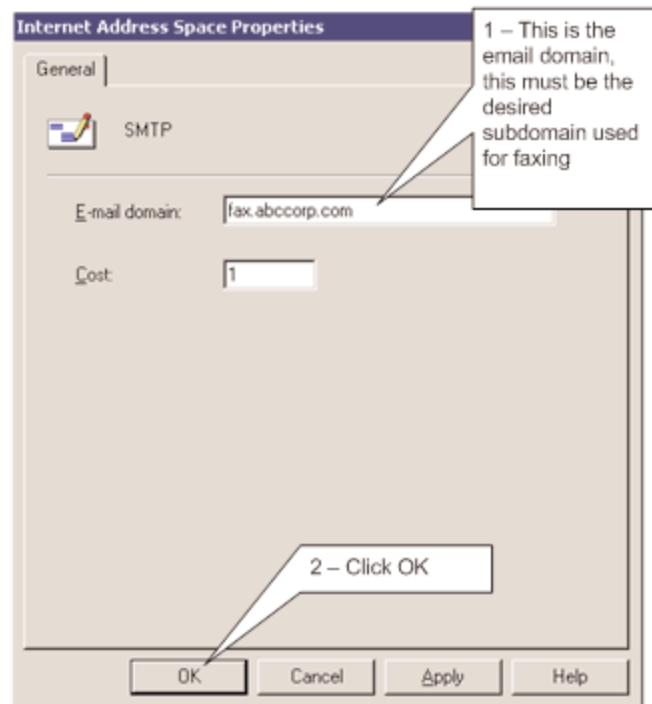
3 - Click **Add**

- 2 - Check **"Allow messages to be relayed to these domains"**



Step 3

- Enter the desired subdomain for **e-Mail domain**
- Enter * for **Address**



Step 4

- Verify the settings and click OK

FAX Properties

Content Restrictions | Delivery Options | Advanced | Details

General

Address Space | Connected Routing Groups | Delivery Restrictions

Create, modify, or remove an address space.

Type	Address	Cost
SMTP	fax.abccorp.com	1

Add... Modify... Remove

Connector scope

Entire organization
 Routing group

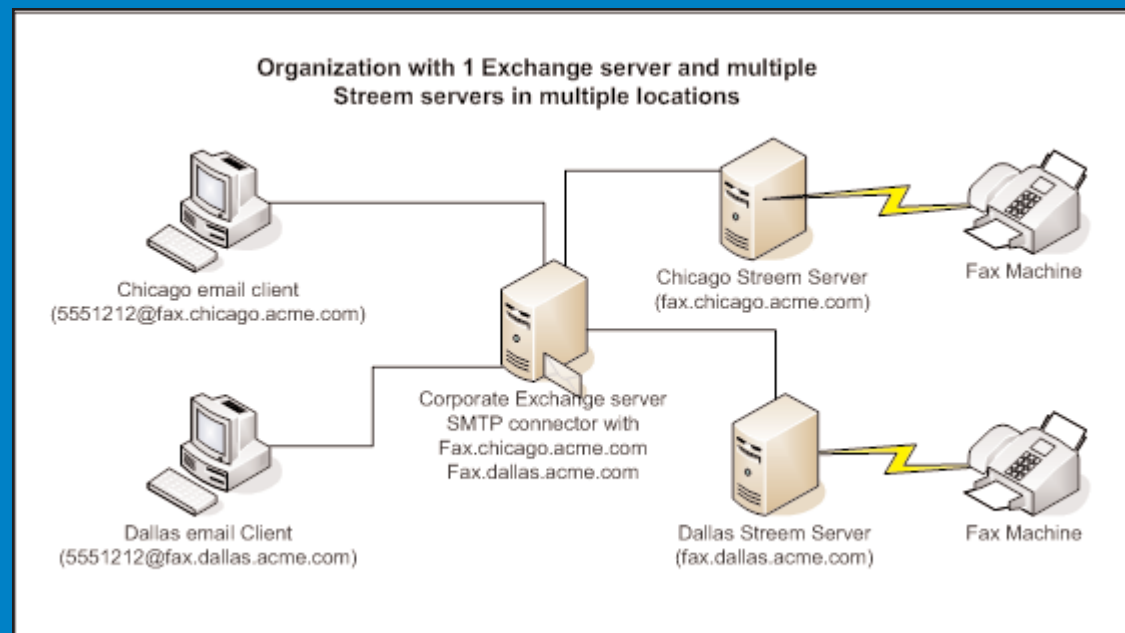
Allow messages to be relayed to these domains

OK Cancel Apply Help

Click **OK** to complete the configuration.

This completes the SMTP Connector creation for Configuration 2.

Configuration 3



This configuration is similar to configuration 2. The difference is that there are multiple Stream servers, but only one Exchange server. In order to ensure that the fax messages are routed to the proper Stream server, it is necessary to have multiple connectors installed on the Exchange server; One for each location.

The diagram above assumes that the ACME Company has a central Exchange server, along with a Stream server located in the Chicago office and another in the Dallas office. It is necessary to create a SMTP connector for each location, using the city in the sub-domain to keep them unique.

To create this connector for configuration 3 on the Exchange server, follow these 4 steps for each connector:

Step 1

From the Exchange System Administrator, choose **New > SMTP Connector**. Enter the information as shown.

3 - Click the Add Button to choose the Bridgehead server(s). Add all servers from the list.

The screenshot shows the 'Properties' dialog box for an SMTP connector. The 'Name' field contains 'fax.chicago.acme.com'. The 'Forward all mail through this connector to the following smart hosts' option is selected, with a text box containing '[Stream Server IP Address] - Must include the square brackets'. The 'Local bridgeheads' table lists 'SC-NJC02' as the server and 'Default SMTP Virtual Server' as the virtual server. The 'Add...' button is highlighted.

Server	Virtual Server
SC-NJC02	Default SMTP Virtual Server

1 - Name of the connector, use the same name as the sub domain you are creating

2 - IP address of destination Stream server.

Note: the address must be surrounded by square brackets

OK Cancel Apply Help

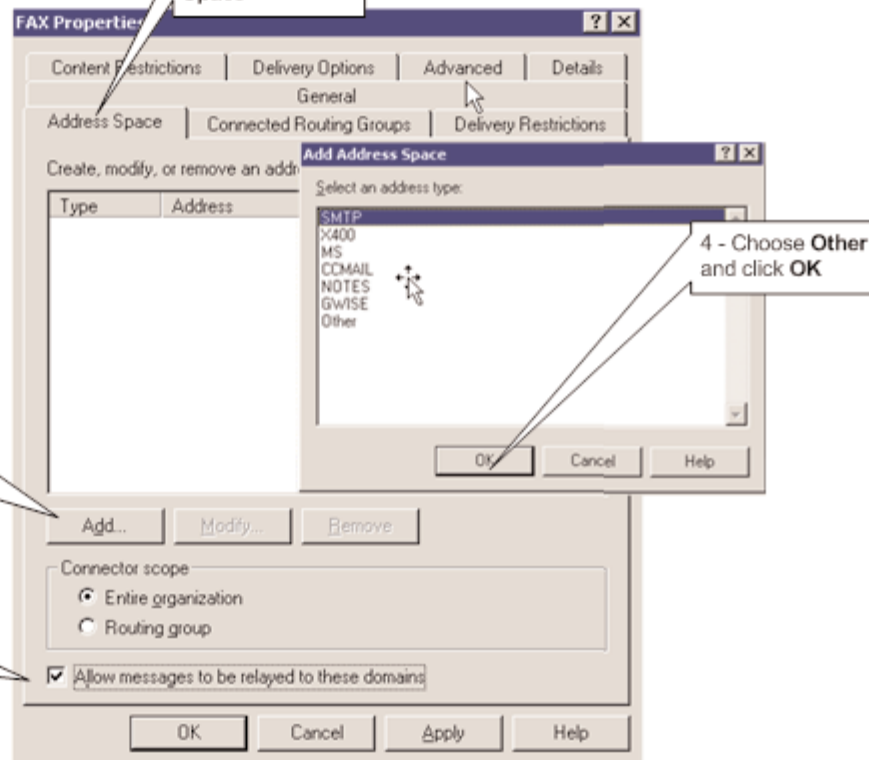
Step 2

- Click the **Address Space** Tab
- Check **"Allow messages to be relayed to these domains"**
- Click the **Add** button
- Choose **SMTP**
- Click **OK**

3 - Click **Add**

- 2 - Check **"Allow messages to be relayed to these domains"**

1 - Click **Address Space**



Step 3

- Enter the desired subdomain for **e-Mail domain**
- Enter **1** for **Cost**

The screenshot shows the 'Internet Address Space Properties' dialog box with the 'General' tab selected. The 'SMTP' section is active, showing the 'E-mail domain' field with the text 'fax.chicago.acme.com' and the 'Cost' field with the value '1'. A callout box labeled '1' points to the 'E-mail domain' field, stating: '1 - This is the email domain, this must be the desired subdomain used for faxing'. Another callout box labeled '2' points to the 'OK' button at the bottom of the dialog, stating: '2 - Click OK'. The dialog box has a title bar with a question mark and a close button, and a standard Windows-style button set at the bottom: 'OK', 'Cancel', 'Apply', and 'Help'.

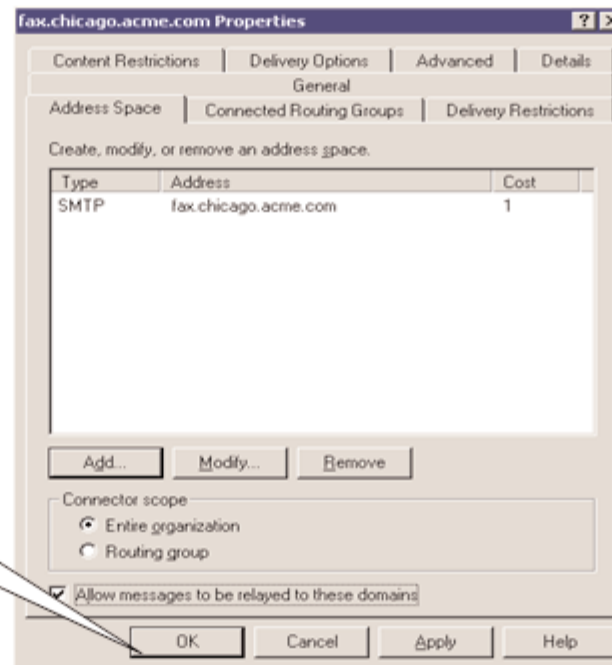
2 - Click **OK**

1 - This is the email domain, this must be the desired subdomain used for faxing

Step 4

- Verify the settings and click OK

Click **OK** to complete the configuration.



Repeat this configuration for each additional subdomain.



**Cleo Communications
4203 Galleria Drive
Loves Park, IL 61132**

Corporate Phone: 800-325-77352

Support Phone: 1-888-724-1030

Support Fax: 1-888-325-7732

Email: support@stream.net

Web: www.cleo.com

Step 4

- Verify the settings and click OK

FAX Properties

Content Restrictions | Delivery Options | Advanced | Details

General

Address Space | Connected Routing Groups | Delivery Restrictions

Create, modify, or remove an address space.

Type	Address	Cost
SMTP	fax.abccorp.com	1

Add... Modify... Remove

Connector scope

Entire organization
 Routing group

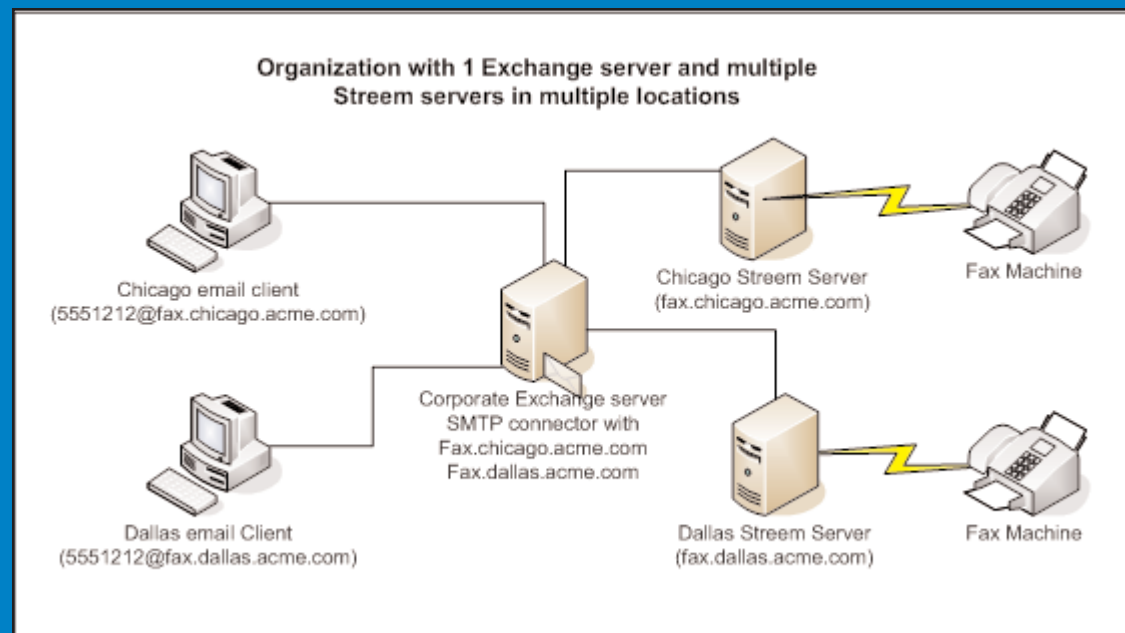
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Server	Virtual Server
SC-NJC02	Default SMTP Virtual Server

1 - Name of the connector, use the same name as the sub domain you are creating

2 - IP address of destination Stream server.

Note: the address must be surrounded by square brackets

OK Cancel Apply Help

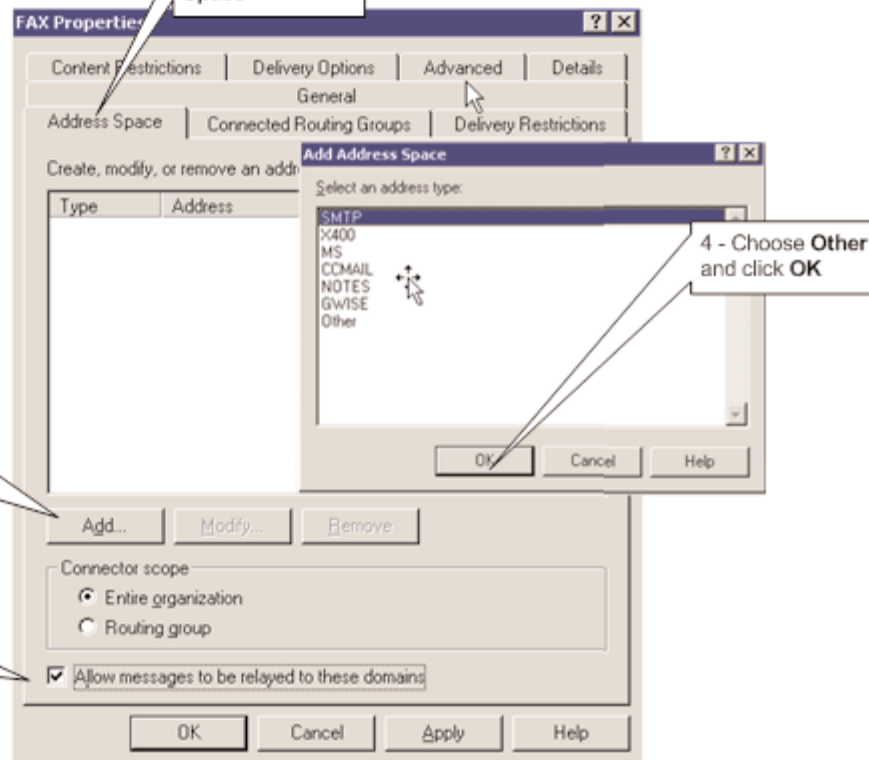
Step 2

- Click the **Address Space** Tab
- Check **"Allow messages to be relayed to these domains"**
- Click the **Add** button
- Choose **SMTP**
- Click **OK**

3 - Click **Add**

- 2 - Check **"Allow messages to be relayed to these domains"**

1 - Click **Address Space**



Step 3

- Enter the desired subdomain for **e-Mail domain**
- Enter **1** for **Cost**

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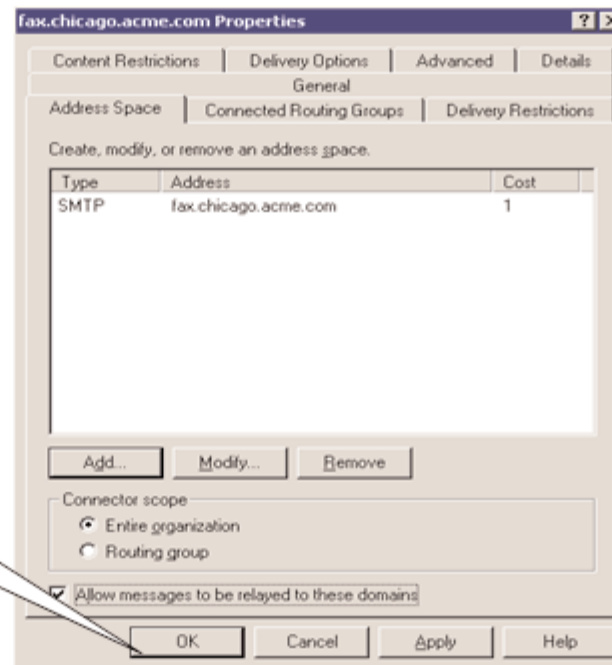
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