

How to Journal to the Cloud Archiving Service from Microsoft Exchange Server 2007 and 2010

<https://campus.barracuda.com/doc/46892514/>

This article refers to the Barracuda Cloud Archiving Service, and Microsoft Exchange Server 2007 and 2010.

Note that Barracuda Cloud Archiving Service follows the lifecycle policy of each supported vendor and does not guarantee support for versions that are end of life or end of support as indicated by the product vendor.

Note: If you have not completed the initial setup and user configuration, see the [Getting Started](#) section to activate the service and add users:

- [Step 1 - Activate Subscription](#)
- [Step 2 - Configure Directory Services](#)
- [Step 3 - Launch the Initial Setup Wizard](#)

Depending on your Client Access Licenses (CALs), you may need to apply these rules at the mail server level rather than the hub transport level. For more information, see the Microsoft TechNet article [Overview of Compliance Features](#).

Once the Barracuda Cloud Archiving Service is configured to receive SMTP traffic, you must complete the following from the Exchange Management Console (EMC) of each Exchange Server that will be journaling directly into the Barracuda Cloud Archiving Service:

- **From Recipient Configuration** – Create a Mail Contact that is to act as the recipient of all journaled messages.
- **From Organization Configuration > Hub Transport** – Create the following items:
 - a (non-routable) **Remote Domain**, to act as the recipient domain for journaled traffic
 - a **Send Connector**, for routing journaled messages
 - a **Journaling Rule** to actually enable journaling on your Exchange Server

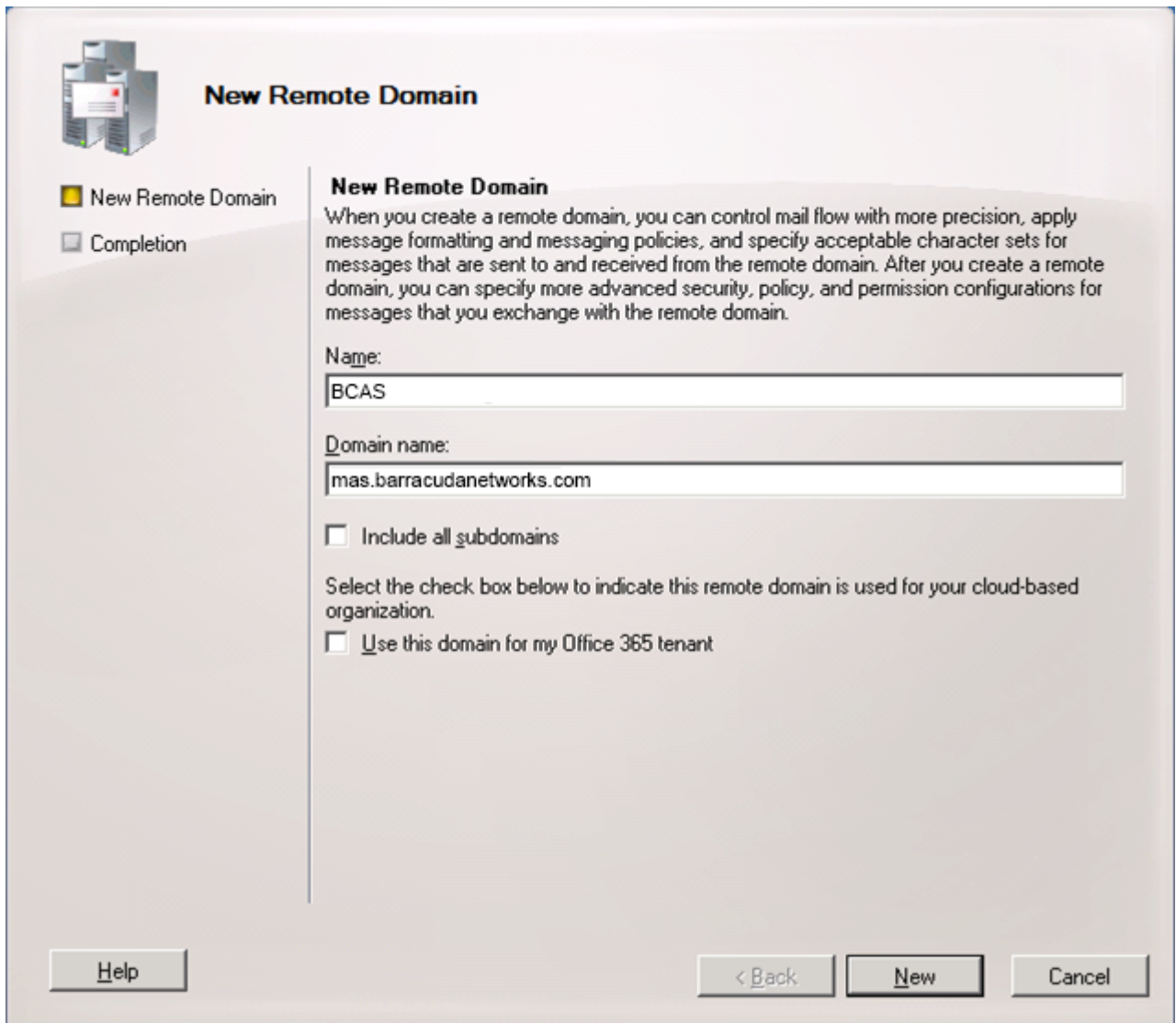
Step 1. Create Remote Domain

Before Proceeding, verify you have your journaling address from the **Mail Sources > SMTP Journaling** page in the Barracuda Cloud Archiving Service web interface.

The Remote Domain must match the Mail Contact that is the recipient of journaled messages as it is used by the Exchange Server for routing all SMTP Journal traffic. Use the following steps to create a remote domain:

1. Open the **EMC**, expand **Organization Configuration**, select **Hub Transport**, and click the **Remote Domains** tab in the center pane.
2. In the **Actions** panel in the right pane, click **New Remote Domain**. The **New Remote Domain** dialog displays.
3. In the **Name** field, type **BCAS**, and in the **Domain name** field, type your region-specific MAS hostname, for example: **mas.barracudanetworks.com**

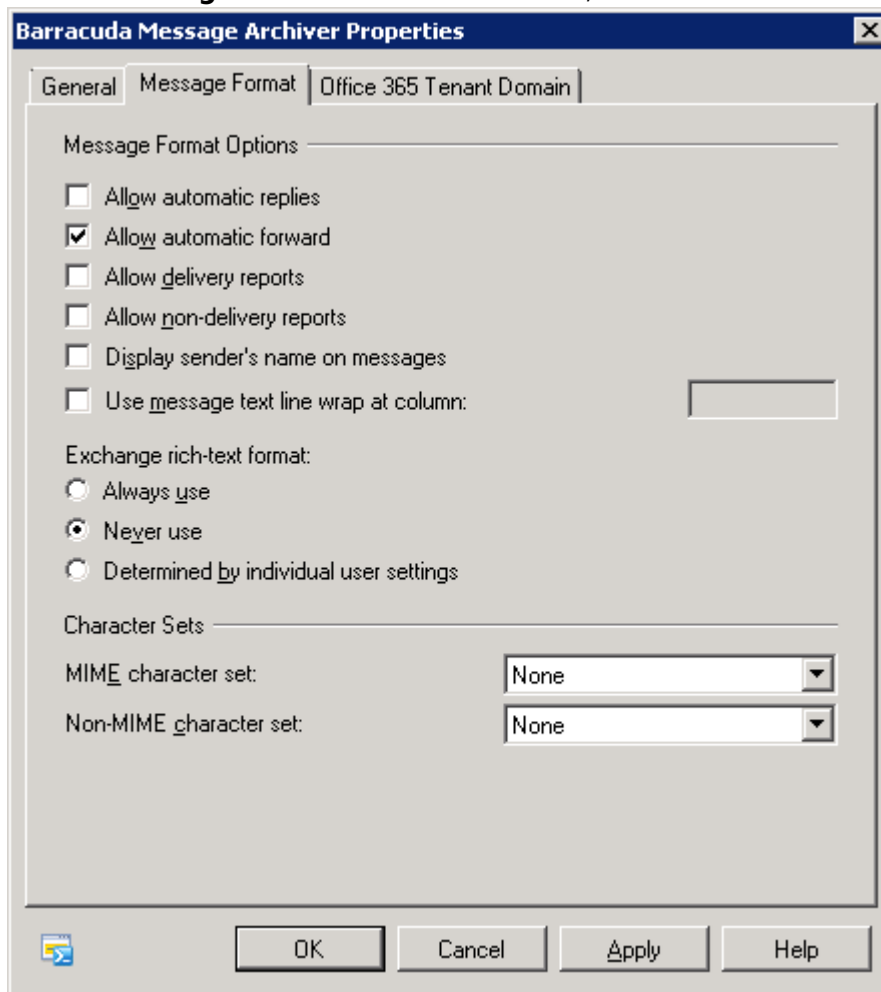
See [Data Centers by Region](#) for a list of region-specific MAS hostnames.



4. Click **New** to verify the domain settings, and click **Finish** to save your settings. The newly created domain displays in the **Remote Domains** list.
5. Double-click on the newly created domain to open the **Properties** dialog for the newly created domain, and:
 - In Exchange 2007, select **Format of original message sent as attachment to the**

journal report.

- In Exchange 2010, select the **Message Format** tab in the **Properties** dialog box.
6. Select the following options to ensure journal messages sent to this domain are *MIME Plain Text* format (rather than the unsupported *Exchange Rich Text* format):
- In the **Message Format Options** section, turn on **Allow automatic forward**.
 - In the **Exchange rich-text format** section, select **Never Use**:



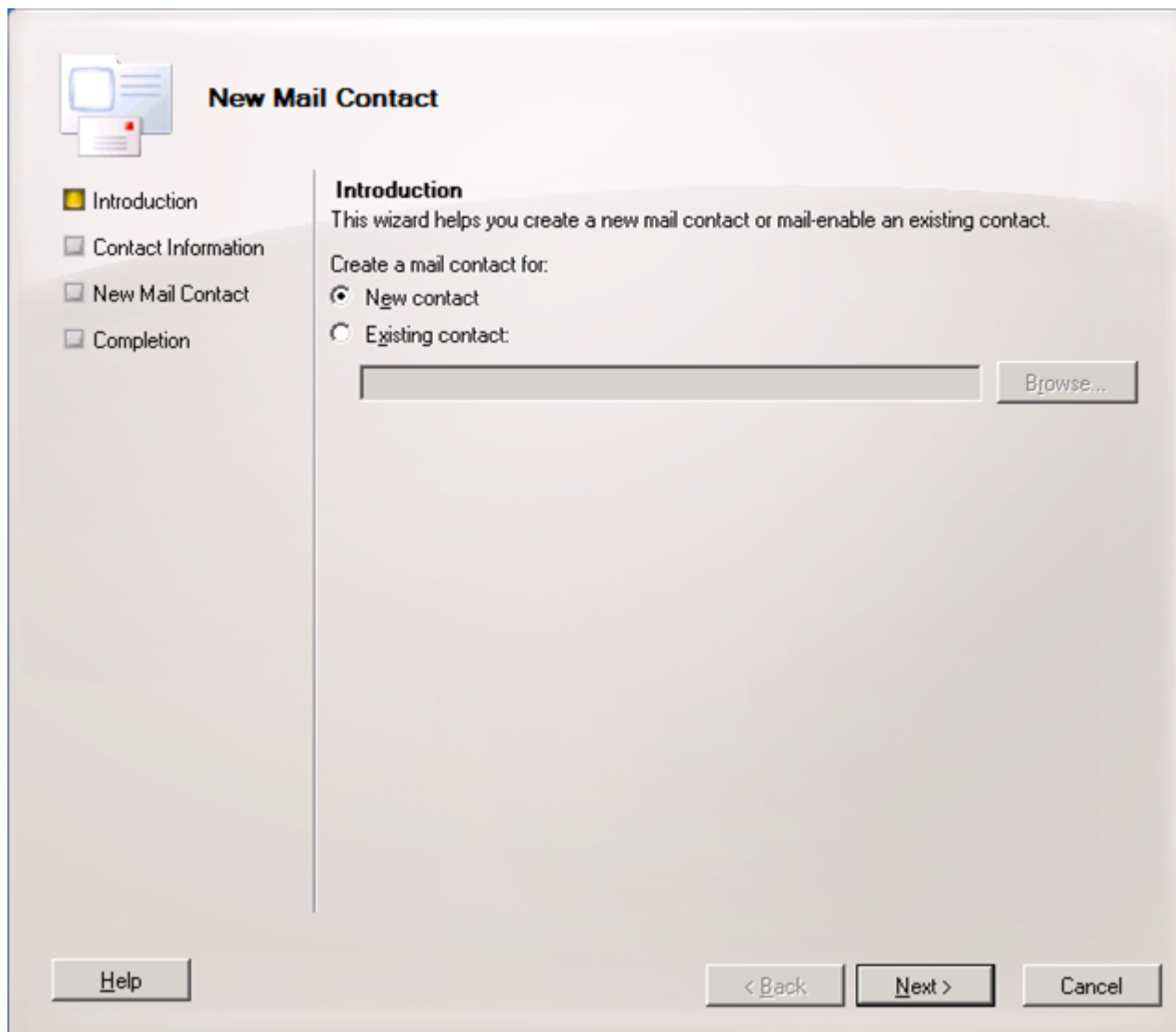
Verify that only **Never use** and **Allow automatic forward** are selected in the dialog box.

7. Click **Apply** to save your settings, and click **OK** to close the **Properties** dialog.

Step 2. Create Mail Contact

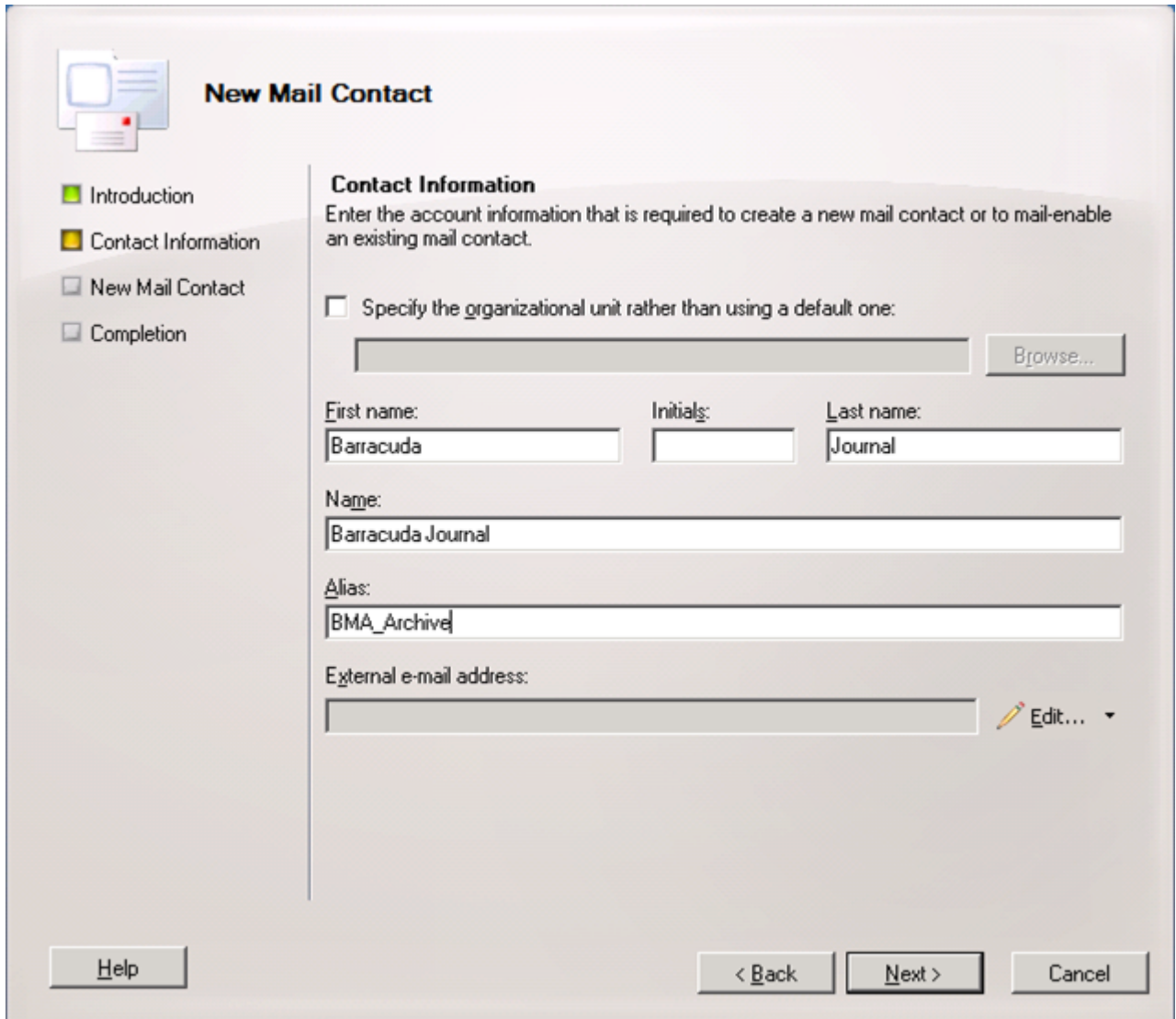
The Mail Contact is the account that is to act as a "holding location" for journaled messages. The email address associated with this account is the designated recipient. Use the following steps to create a Mail Contact:

1. In the **EMC**, expand **Recipient Configuration**, select **Mail Contact**, and in the **Actions** panel, click **New Mail Contact**:



The image shows a 'New Mail Contact' wizard dialog box. On the left, there is a vertical list of steps: 'Introduction' (selected with a yellow square), 'Contact Information' (unselected), 'New Mail Contact' (unselected), and 'Completion' (unselected). The main area is titled 'Introduction' and contains the text: 'This wizard helps you create a new mail contact or mail-enable an existing contact.' Below this, it says 'Create a mail contact for:' followed by two radio button options: 'New contact' (selected) and 'Existing contact:'. Under 'Existing contact:', there is a text input field and a 'Browse...' button. At the bottom of the dialog, there are three buttons: 'Help', '< Back', and 'Next >', and a 'Cancel' button on the far right.

2. In the dialog, select **New Contact**, and click **Next**.
3. Enter a **First name** and **Last name**; the **Name** field automatically populates based on the entered values. Enter an **Alias**:



New Mail Contact

☒ Introduction
☒ Contact Information
☐ New Mail Contact
☐ Completion

Contact Information
Enter the account information that is required to create a new mail contact or to mail-enable an existing mail contact.

☐ Specify the organizational unit rather than using a default one:

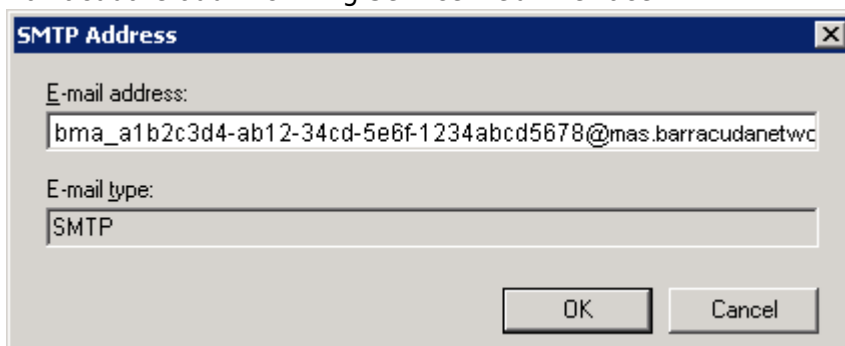
First name: Initials: Last name:

Name:

Alias:

External e-mail address:

- Click **Edit** to the right of the **External e-mail address** field, and in the **SMTP Address** dialog, enter the journaling address from the **Mail Sources > SMTP Journaling** page in the Barracuda Cloud Archiving Service web interface:

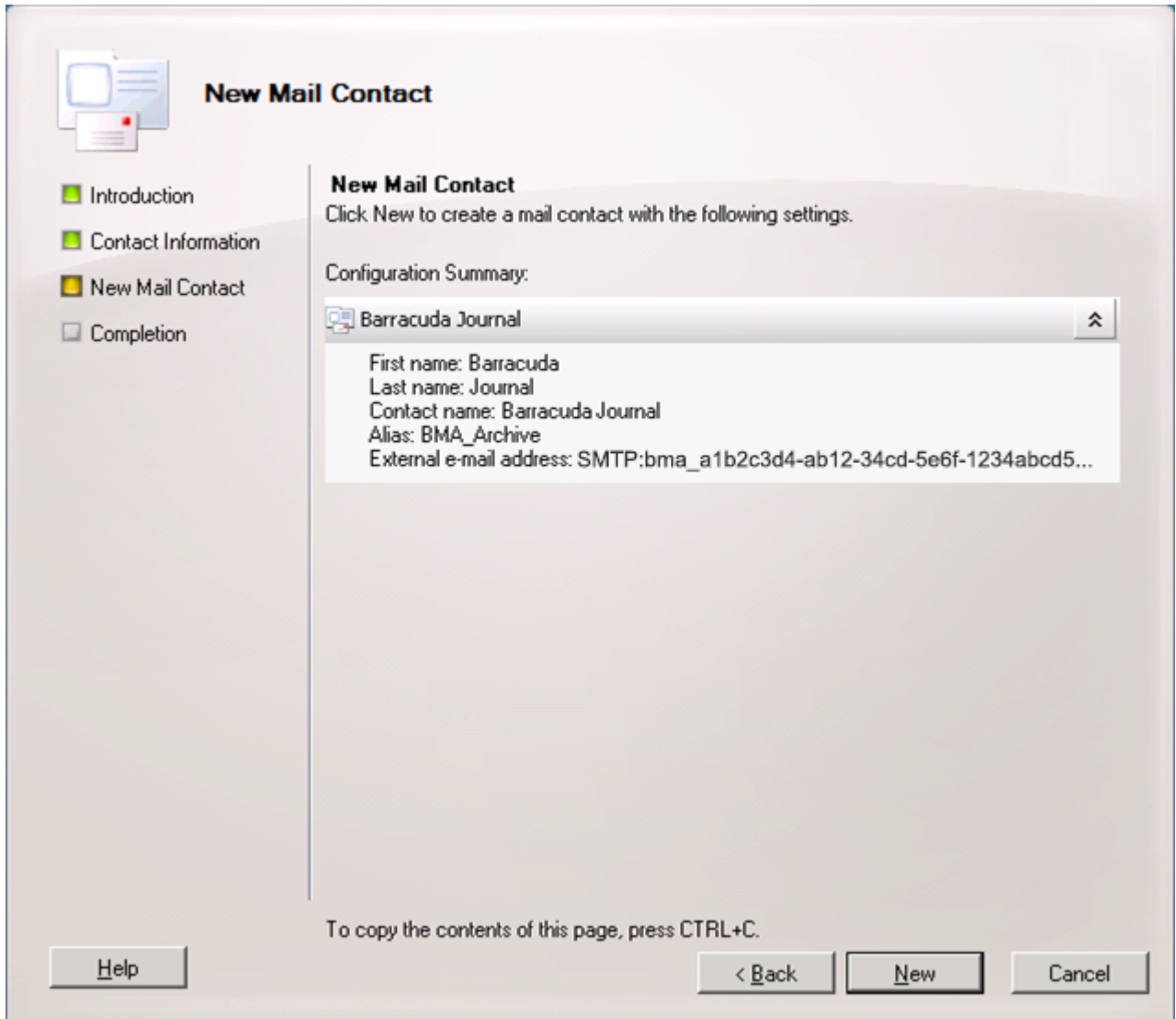


SMTP Address

E-mail address:

E-mail type:

- Click **OK** to close the dialog box. In the Wizard, click **Next** to verify the information:



New Mail Contact

Click New to create a mail contact with the following settings.

Configuration Summary:

Barracuda Journal

First name: Barracuda
Last name: Journal
Contact name: Barracuda Journal
Alias: BMA_Archive
External e-mail address: SMTP:bma_a1b2c3d4-ab12-34cd-5e6f-1234abcd5...

To copy the contents of this page, press CTRL+C.

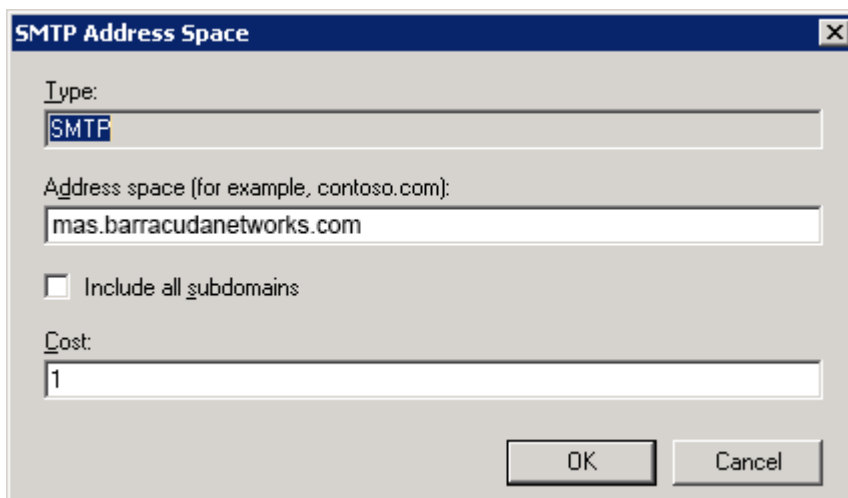
Help < Back New Cancel

6. Click **New** to create the Mail Contact. The newly-created contact appears in the **Mail Contact** list. Click **Finish** to close the Wizard.

Step 3. Create Send Connector

1. In the **EMC**, expand **Organization Configuration**, select **Hub Transport**, and select the **Send Connector** tab. In the **Actions** panel, and click **New Send Connector**. The **New Send Connector** dialog displays. Enter a **Name** to identify this send connector.
2. From the **Select the intended use for this Send connector** menu, select **Custom**, and click **Next**.
3. In the **Address Space** section, click **Add**; the **SMTP Address Space** dialog box displays.
4. In the **Address space** field, type your region-specific MAS hostname, for example:
mas.barracudanetworks.com

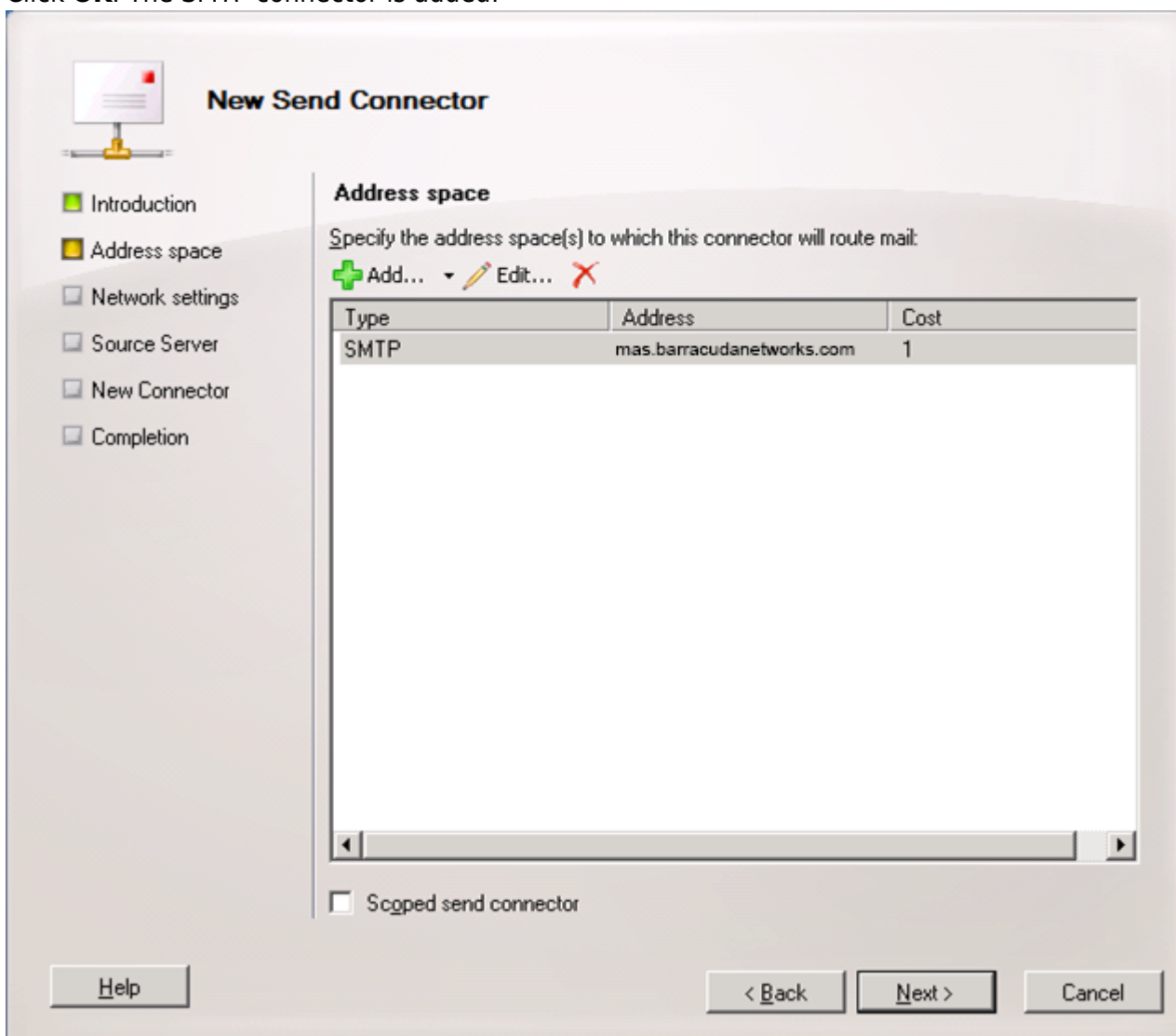
See [Data Centers by Region](#) for a list of region-specific MAS hostnames.



The dialog box is titled "SMTP Address Space". It contains the following fields and controls:

- Type:** A text box containing "SMTP".
- Address space (for example, contoso.com):** A text box containing "mas.barracudanetworks.com".
- Include all subdomains:** An unchecked checkbox.
- Cost:** A text box containing "1".
- Buttons:** "OK" and "Cancel" buttons at the bottom right.

5. Click **OK**. The SMTP connector is added:



The "New Send Connector" wizard is shown. The left sidebar has the following steps:

- Introduction (selected)
- Address space
- Network settings
- Source Server
- New Connector
- Completion

The main area is titled "Address space" and contains the text: "Specify the address space(s) to which this connector will route mail:". Below this text are three buttons: "+ Add...", "Edit...", and "- Remove".

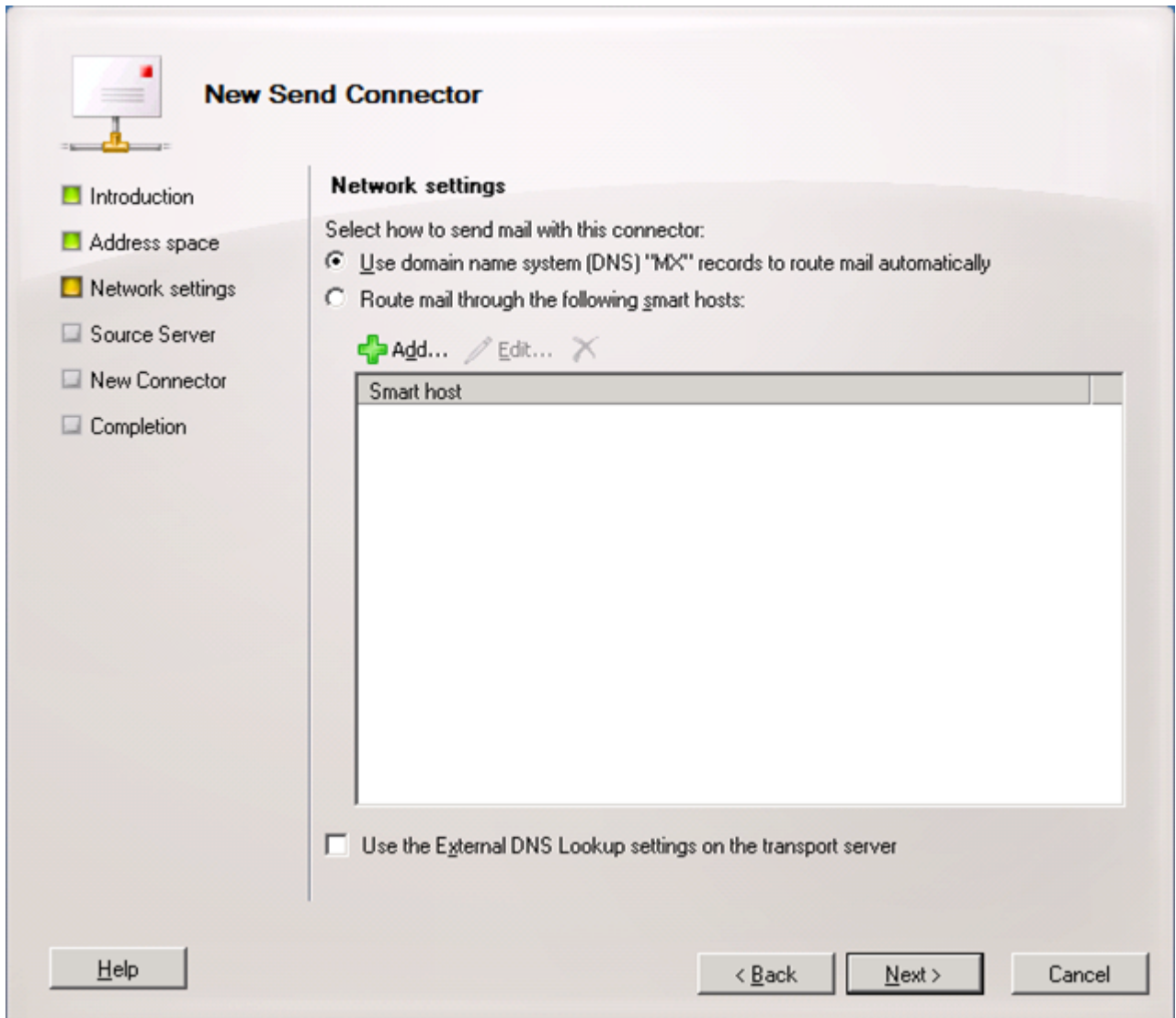
Type	Address	Cost
SMTP	mas.barracudanetworks.com	1

At the bottom of the main area is a checkbox labeled "Scoped send connector".

At the bottom of the wizard are three buttons: "Help", "< Back", "Next >", and "Cancel".

6. Click **Next**. (Recommended) Select the default setting **Use domain name system (DNS) "MX" records to route mail automatically**:

If you need to route mail through a smart host, contact [Barracuda Networks Technical](#)

[Support.](#)

New Send Connector

Introduction
Address space
Network settings
Source Server
New Connector
Completion

Network settings

Select how to send mail with this connector:

☒ Use domain name system (DNS) "MX" records to route mail automatically

☐ Route mail through the following smart hosts:

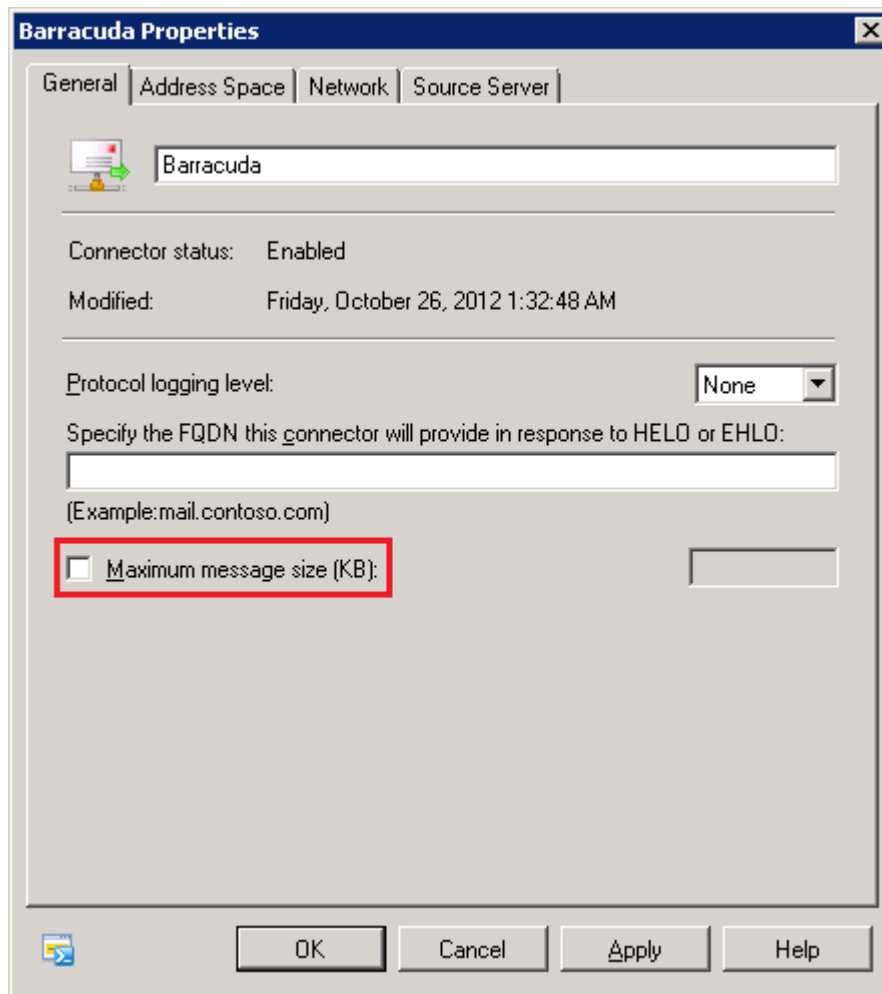
+ Add... Edit... X

Smart host

☐ Use the External DNS Lookup settings on the transport server

Help < Back Next > Cancel

7. Click **Next**. In the **Source Server** page, if your Exchange server is not already listed, click **Add** to search for and add the server to this list. Click **Next** to verify your configuration, and click **New** to create the Send Connector. Click **Finish** to return to the **Send Connectors** tab; the newly-created Send Connector displays in the list.
8. Right-click on the new Send Connector, and click **Properties**.
9. In the **Properties** dialog box, clear **Maximum message size (KB)**:

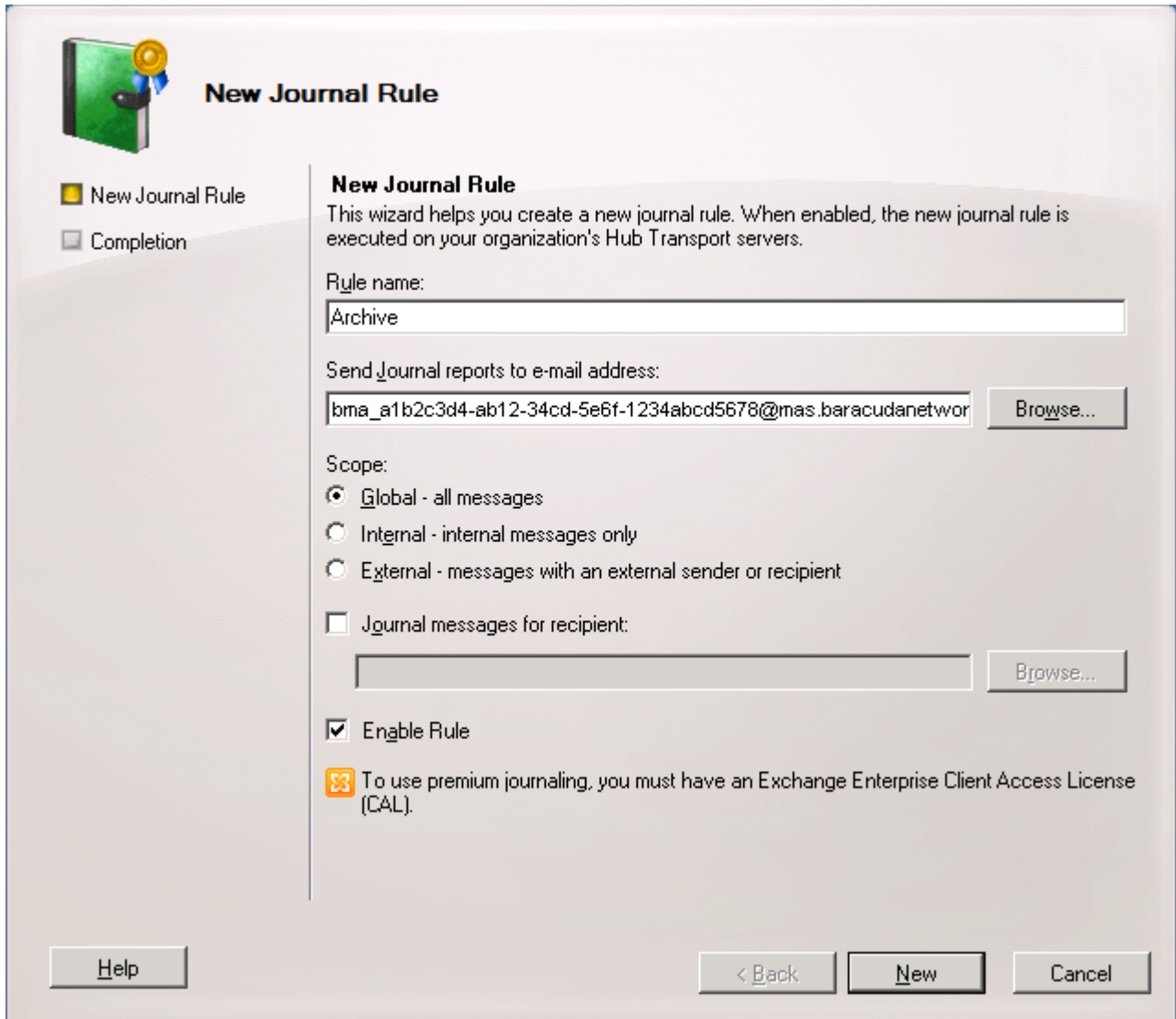


10. Click **Apply**, and then click **OK** to save your changes and close the dialog box.

Step 4. Create Journaling Rule

Both the Standard and Enterprise versions of Microsoft Exchange Server 2007 and 2010 support Standard and Premium Journaling. Open the EMC, and complete the following steps to add a journaling rule:

1. In the **EMC**, expand **Organization Configuration**, select **Hub Transport**, and select the **Journal Rules** tab.
2. In the **Actions** panel, click **New Journal Rule**; the **New Journal Rule** dialog displays.
3. Enter a Rule name, and for the **Send Journal reports to e-mail address**, click **Browse** and navigate to and select the mail contact you created in Step 2:



The screenshot shows the 'New Journal Rule' wizard. On the left, there are two steps: 'New Journal Rule' (selected with a yellow square) and 'Completion' (unselected with a grey square). The main area is titled 'New Journal Rule' and contains the following fields and options:

- Rule name:** A text box containing 'Archive'.
- Send Journal reports to e-mail address:** A text box containing 'bma_a1b2c3d4-ab12-34cd-5e6f-1234abcd5678@mas.barracudanetwor' and a 'Browse...' button.
- Scope:** Three radio button options:
 - ☒ Global - all messages
 - ☐ Internal - internal messages only
 - ☐ External - messages with an external sender or recipient
- ☐ Journal messages for recipient: A text box and a 'Browse...' button.
- ☒ Enable Rule
- A warning icon and text: 'To use premium journaling, you must have an Exchange Enterprise Client Access License (CAL).'

At the bottom, there are three buttons: 'Help', '< Back', and 'New' (highlighted with a red border), and a 'Cancel' button.

4. Select the Scope for archiving; the recommended setting is **Global - all messages** for the most complete coverage.
5. Turn on **Enable Rule**, click **New** to create the Journaling rule, and click **Finish** to return to the **Journal Rules** tab where the newly-created rule displays in the list.

Continue with [Step 5 - Create Service Account](#).

Figures

1. CreateRemoteDomain.png
2. bmaproperties.png
3. newmailcontact.png
4. newmailcontact2.png
5. 2007-mail-contact-4-journaling-address.png
6. newmailcontact3.png
7. smtpaddressspace.png
8. SendConnector02.png
9. UseDefault.png
10. send_connector_properties.png
11. 2007-journaling-rule-3.png

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