How to Journal to the Cloud Archiving Service from Microsoft Exchange Server 2013 and Newer - Premium Journaling

https://campus.barracuda.com/doc/46892511/

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.

This article refers to the Barracuda Cloud Archiving Service, and a Microsoft Exchange Server 2013 or newer environment utilizing Premium Journaling with a Journal Rule and Exchange Enterprise Client Access Licenses (CALs).

If your Exchange environment *does not support* Premium Journaling, see the article How to Journal to the Cloud Archiving Service from Microsoft Exchange Server 2013 and Newer - Standard Journaling.

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

Use the examples included in this article to simplify troubleshooting.

Option 1. Configure Journaling via Script

1. Go to the **Mail Sources > SMTP Journaling** page.
2. Go to **Journaling Setup Scripts** > **Exchange 2013 or newer - Premium Journaling**.
3. Click **Show Script** to copy the script to your clipboard, or click **Download** to save the PowerShell script to your local system.
4. Open Exchange PowerShell, and run the script to configure Microsoft Exchange Server 2013+ to journal mail to the Barracuda Cloud Archiving Service.

Option 2. Manually Configure Journaling

Use the following steps to manually create a remote domain from the Exchange Management

PowerShell.

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

Use your region-specific MAS hostname, for example: `mas.barracudanetworks.com`
See [Data Centers by Region](#) for a list of region-specific MAS hostnames.

1. Log into the Exchange Server, and click **Exchange Management Shell**.
2. Execute the following command to create the remote domain; this command ensures TNEF encoding is disabled and auto-forwarding is enabled, where *mas.barracudanetworks.com* represents the domain in your journaling address:
   ```
   New-RemoteDomain -DomainName mas.barracudanetworks.com -Name "Cloud
   Archiver Domain"
   Get-RemoteDomain | Where {$_.DomainName -eq "mas.barracudanetworks.com"}
   | Set-RemoteDomain -TNEFEnabled $false -AutoForwardEnabled $true
   ```
3. Enter the following command to verify the settings:
   ```
   Get-RemoteDomain | Where {$_.DomainName -eq "mas.barracudanetworks.com"}
   |Format-table Name, DomainName, TNEFEnabled, AutoForwardEnabled
   ```

This command ensures TNEF encoding is disabled and auto-forwarding is enabled. Barracuda Networks recommends disabling TNEF encoding. Auto-forwarding is enabled to allow mail for the contact to be forwarded to the Barracuda Cloud Archiving Service.

Create Alternate Email Address for NDR Delivery

1. In the EAC, click **recipients** in the left pane, select **mailboxes** at the top of the page, and then click the **+** symbol to create an alternate journaling mailbox:
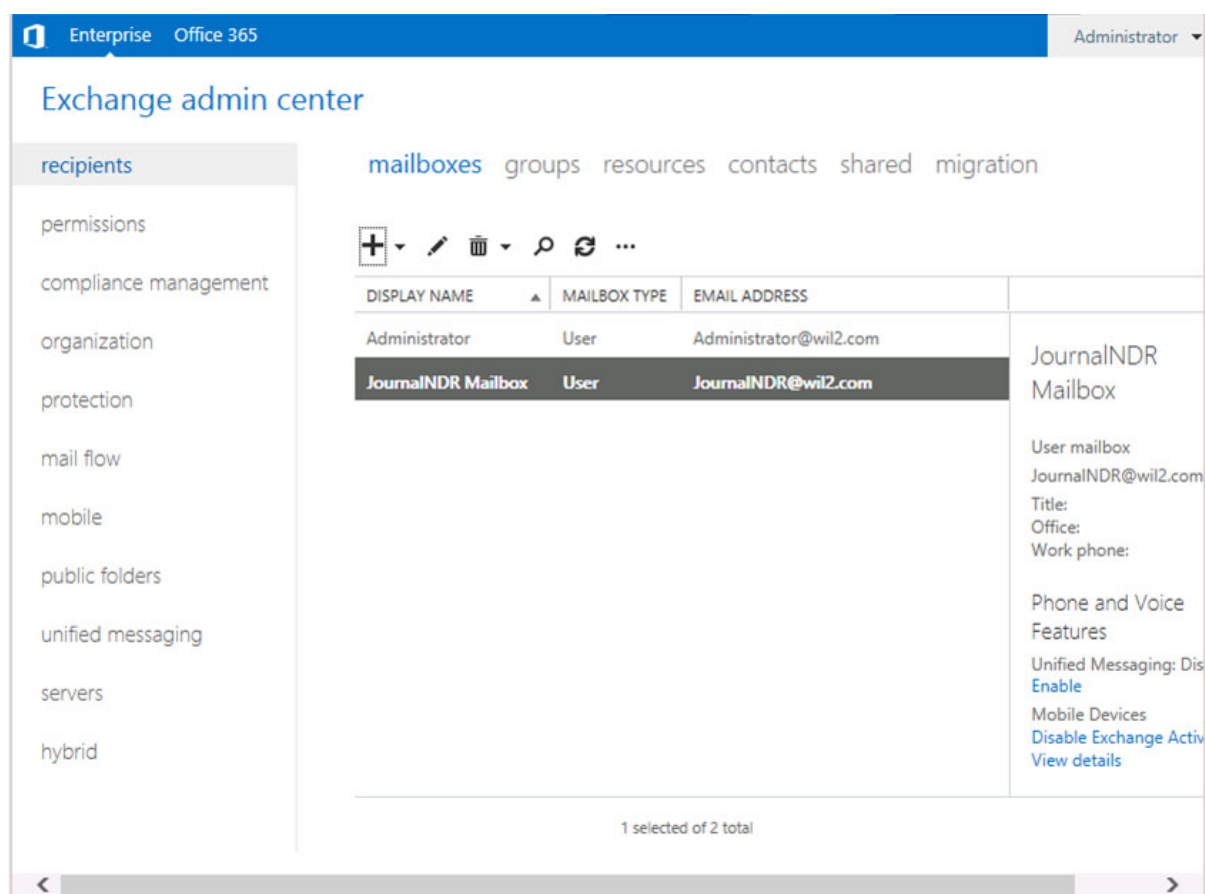
2. In the **new user mailbox** page, enter details for the alternate journaling mailbox:
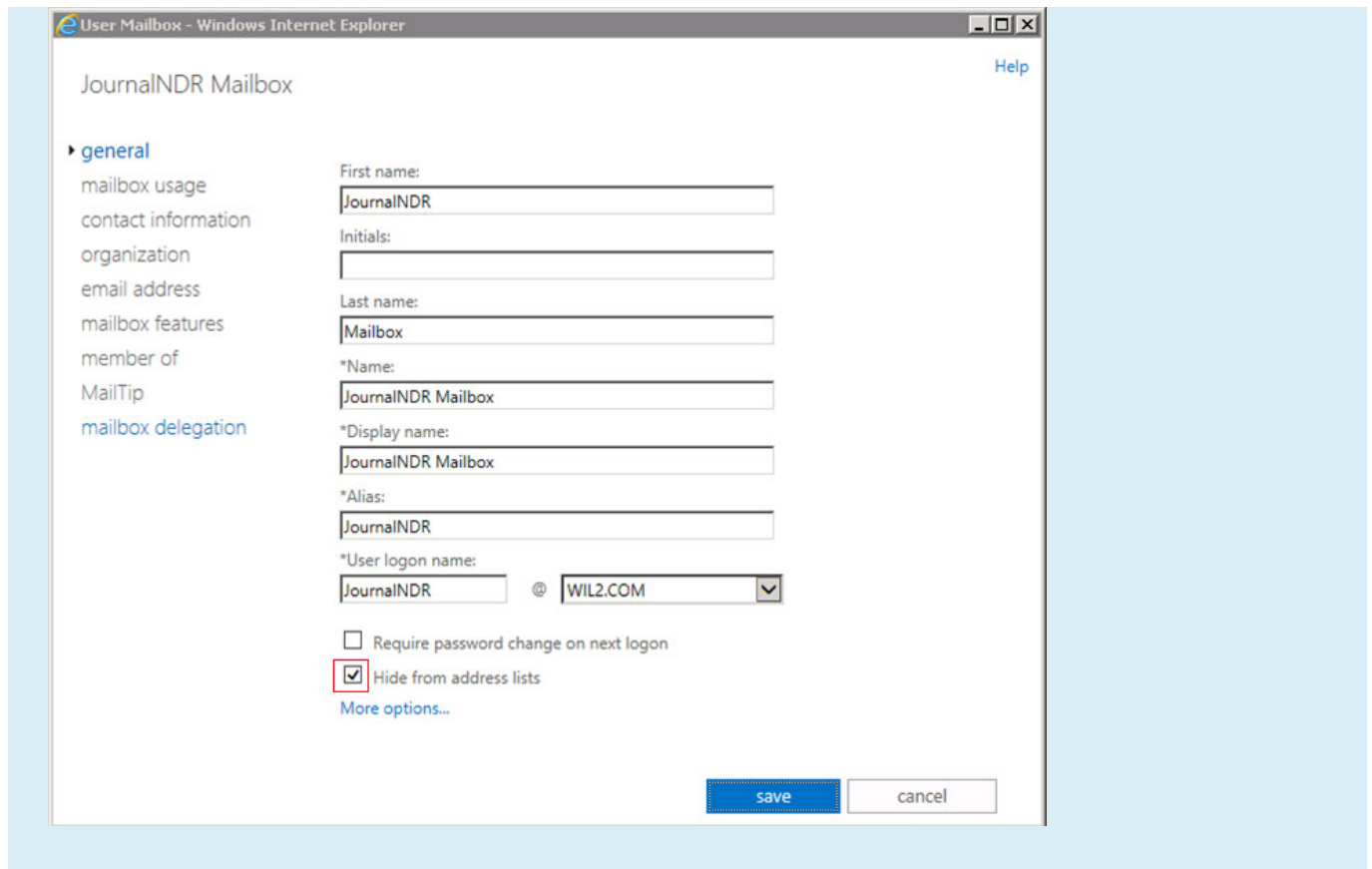
3. Click **save**. The new mailbox displays in the **mailboxes** list:
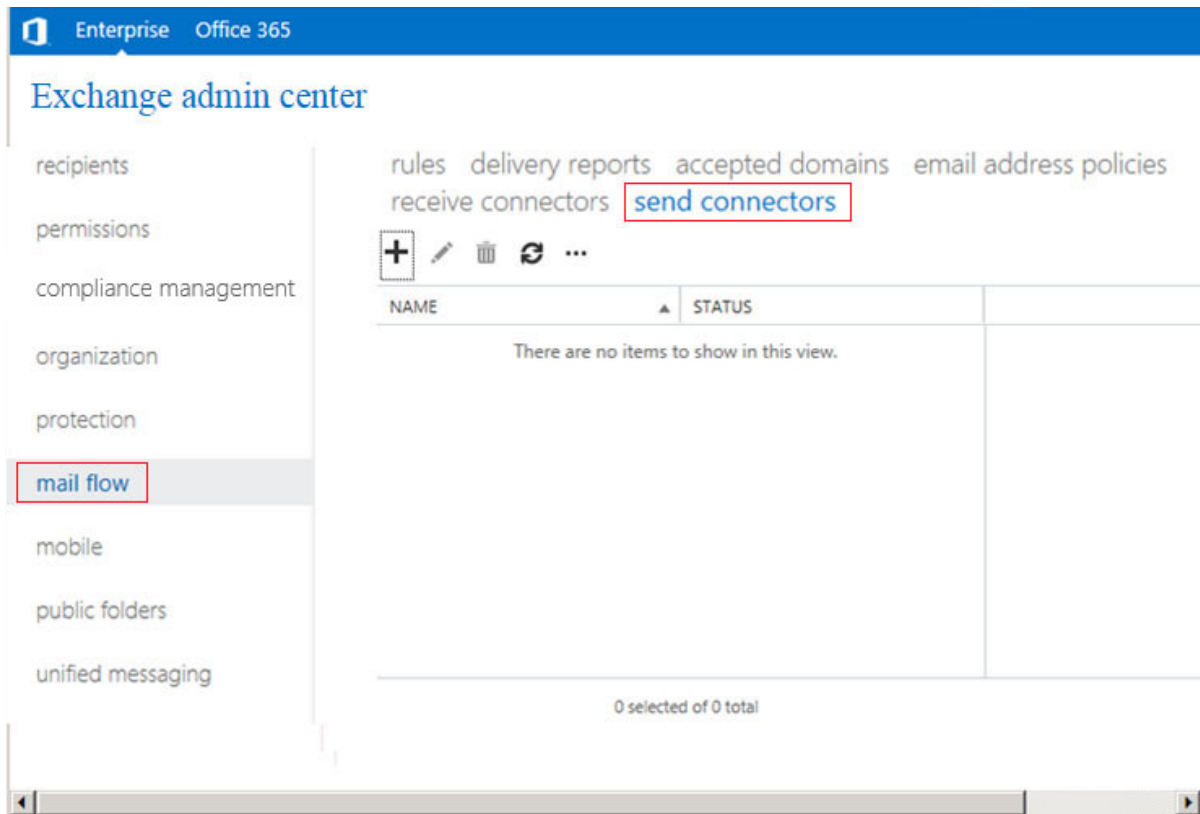
Hide Alternate Contact from GAL

Barracuda Networks recommends hiding the alternate mail contact from the GAL; to do so, with the new mailbox still selected, click the **Edit** (✏) icon. In the **general** page, turn on **Hide from address lists**:
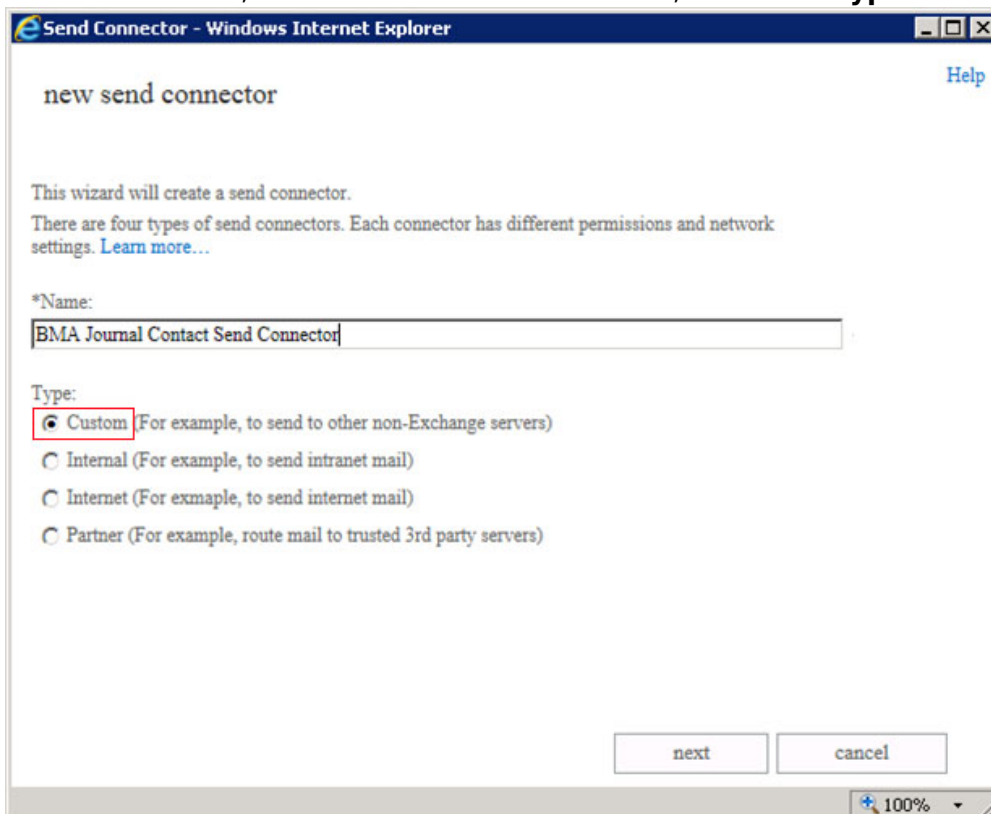
Create Send Connector for the Remote Domain

To route journaled mail that is sent to the contact to the Barracuda Cloud Archiving Service, use the following steps to create a Send Connector for the Remote Domain:

1. Open the EAC, click **mail flow** in the left pane, select **send connectors** at the top of the page, and click the **+** symbol to create a new send connector:

2. In the **Name** field, enter a name for the connector, and in the **Type** section, select **Custom**:

3. Click **next**. (*Recommended*) In the **Network settings page**, select **MX record associated with recipient domain**.

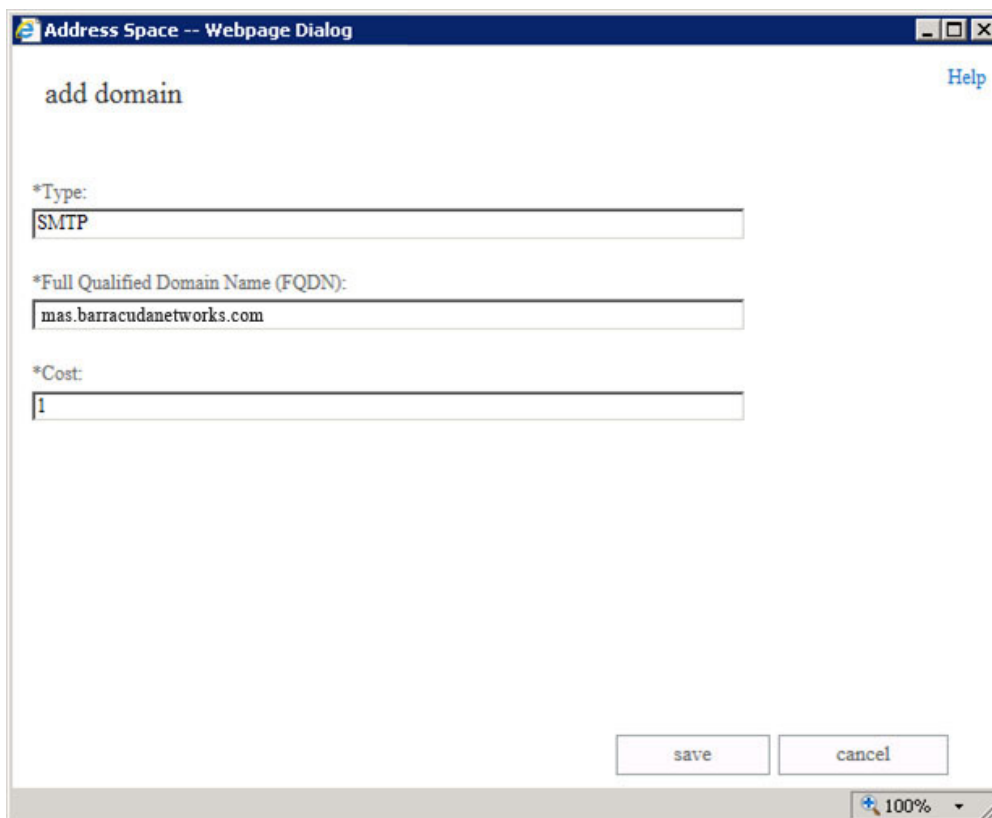> If you need to route mail through a smart host, contact Barracuda Networks Technical

4. Click **next**. In the **Smart host authentication** page, because authentication is not used on the smart host connection to the Barracuda Cloud Archiving Service, no changes are necessary; click **next**:

5. In the **Address space** section, click the **+** symbol:

6. In the **Address Space** page, enter the domain portion of your journaling address:
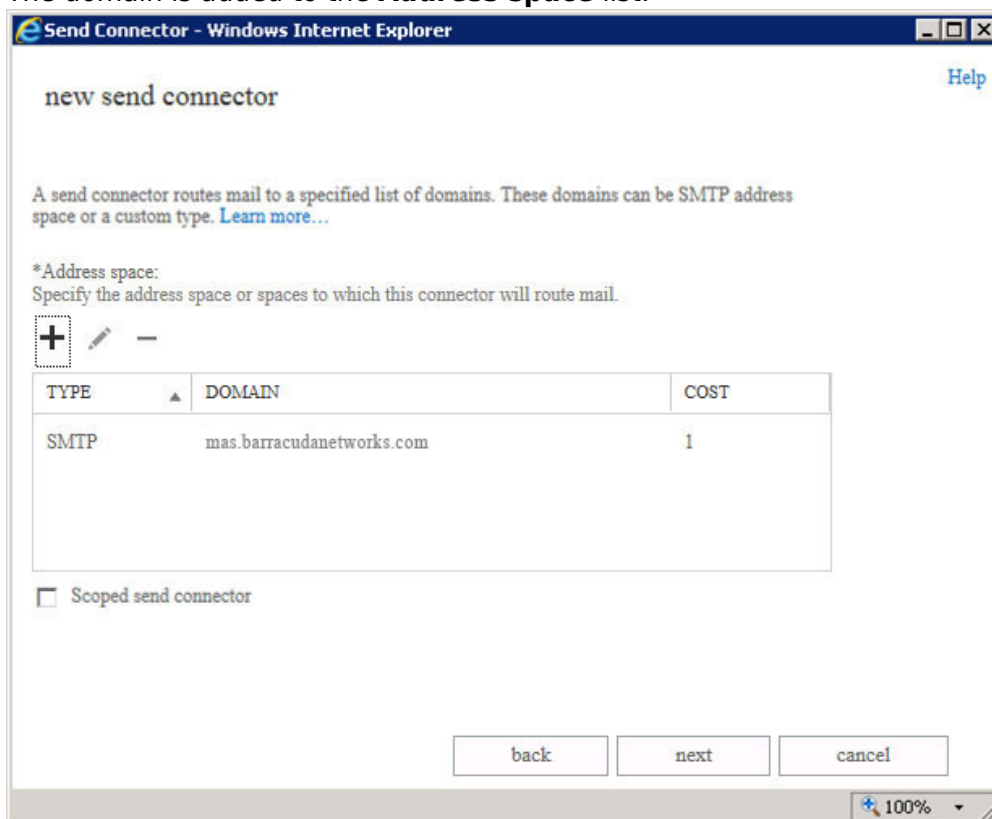
7. The domain is added to the **Address space** list:
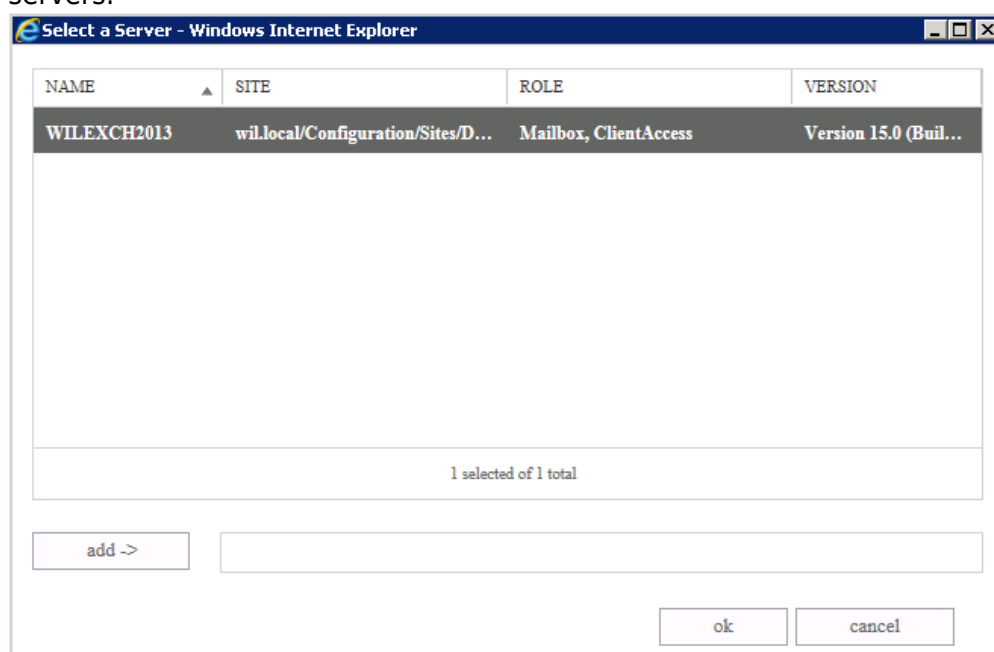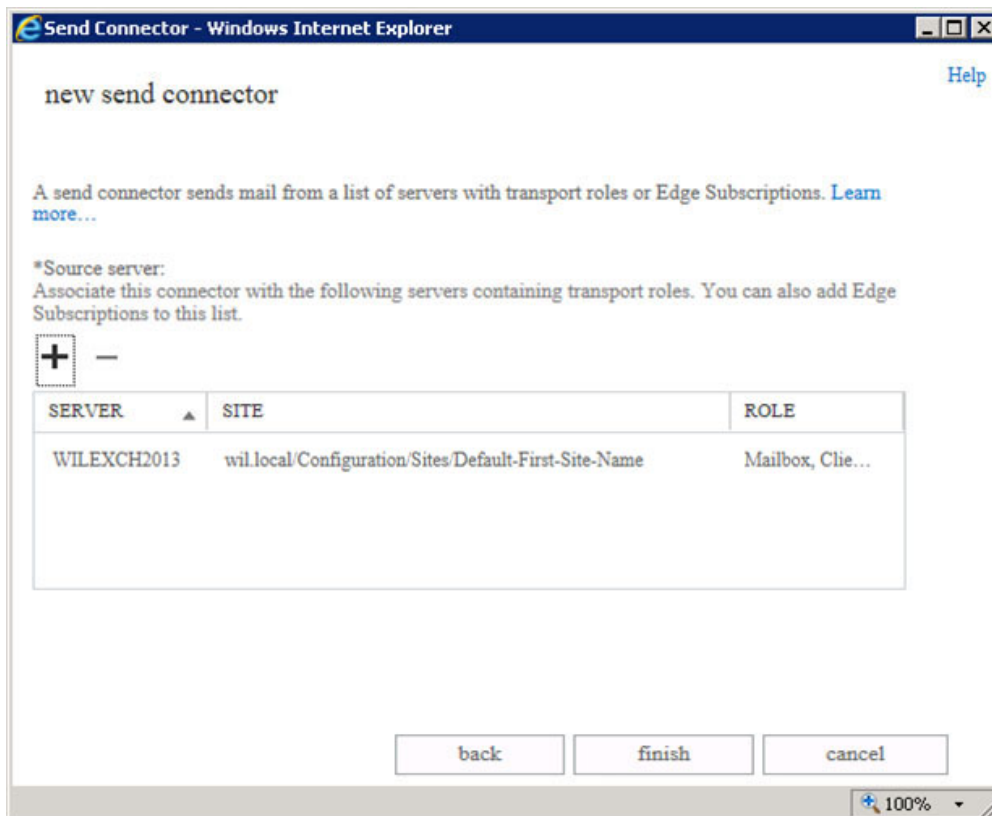

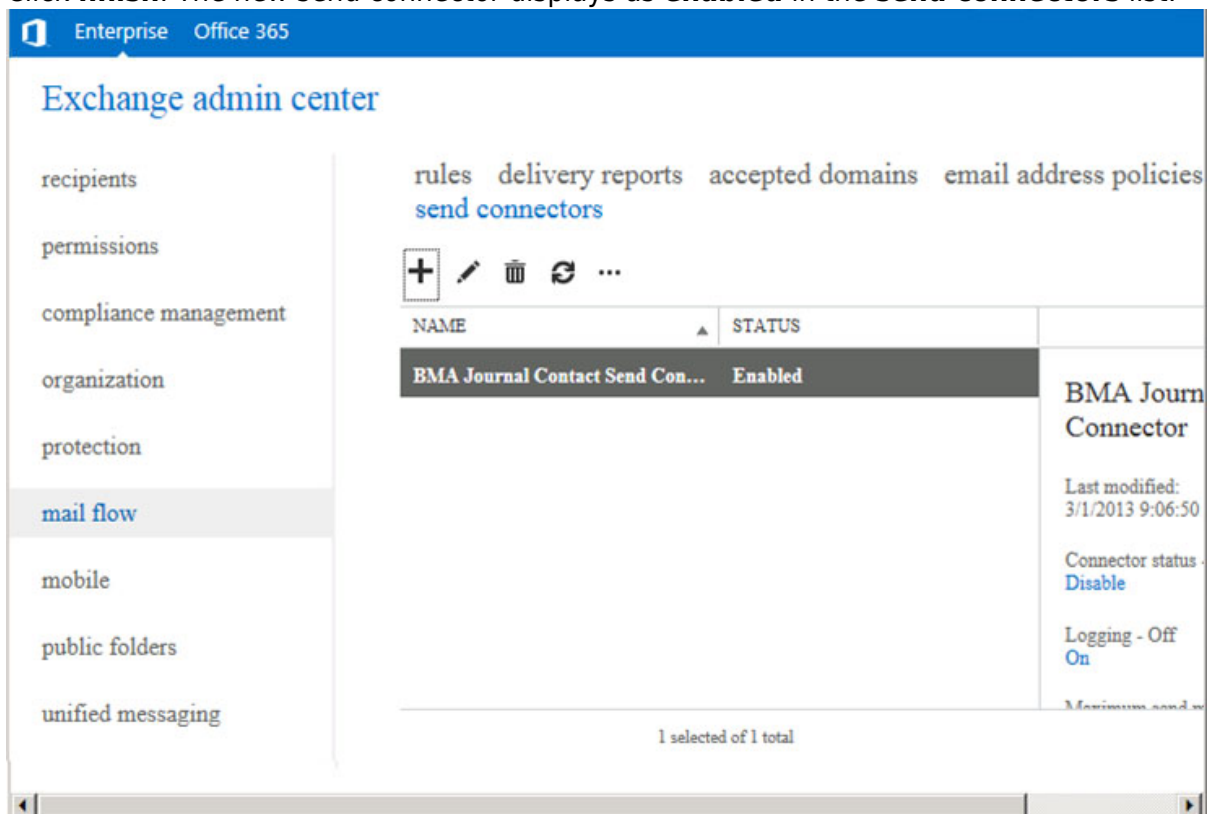8. Click **next**. In the **Source server** section, click the **+** symbol:

9. Verify all of the Exchange Servers that are in the CAS role are listed; click **add** to add additional servers:
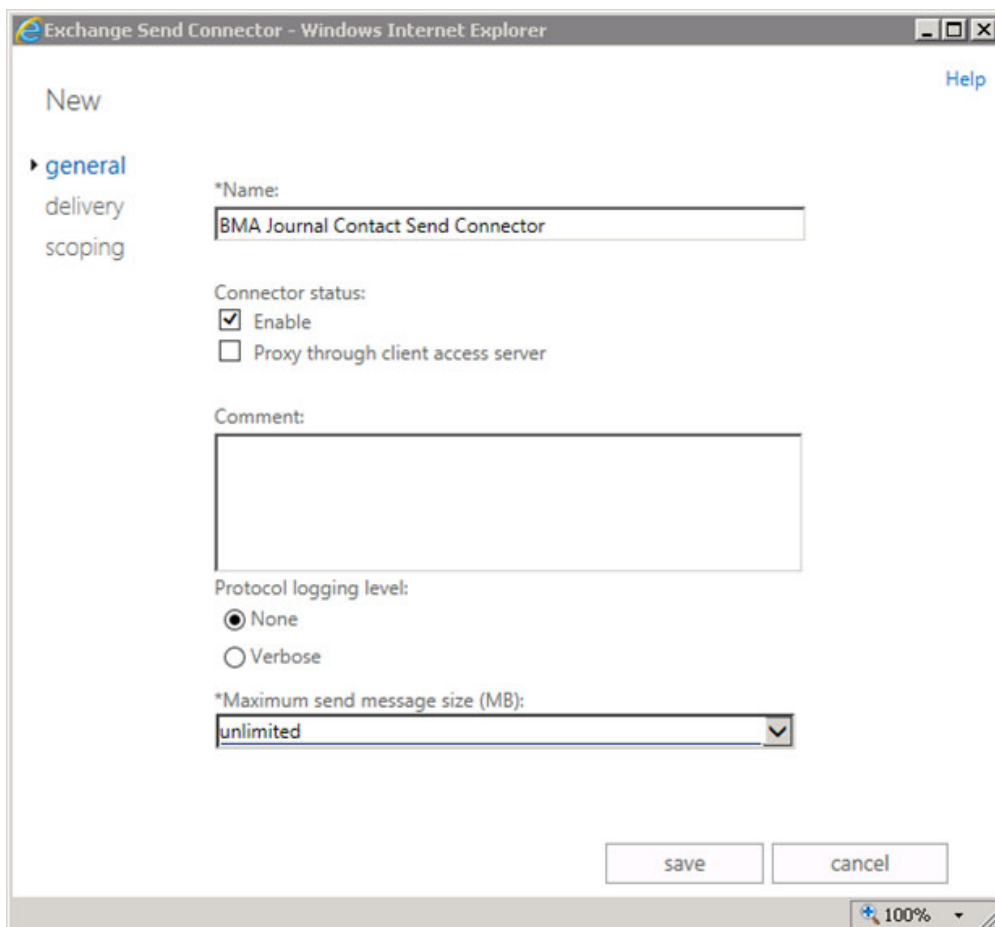

10. Click **OK**. In the **Source server** page, the selected servers display:

11. Click **finish**. The new send connector displays as **enabled** in the **send connectors** list:

12. Click the **Edit** (✏) icon to edit the **Send Connector** properties. From the **Maximum send message size (MB)** drop-down list, select **unlimited**:
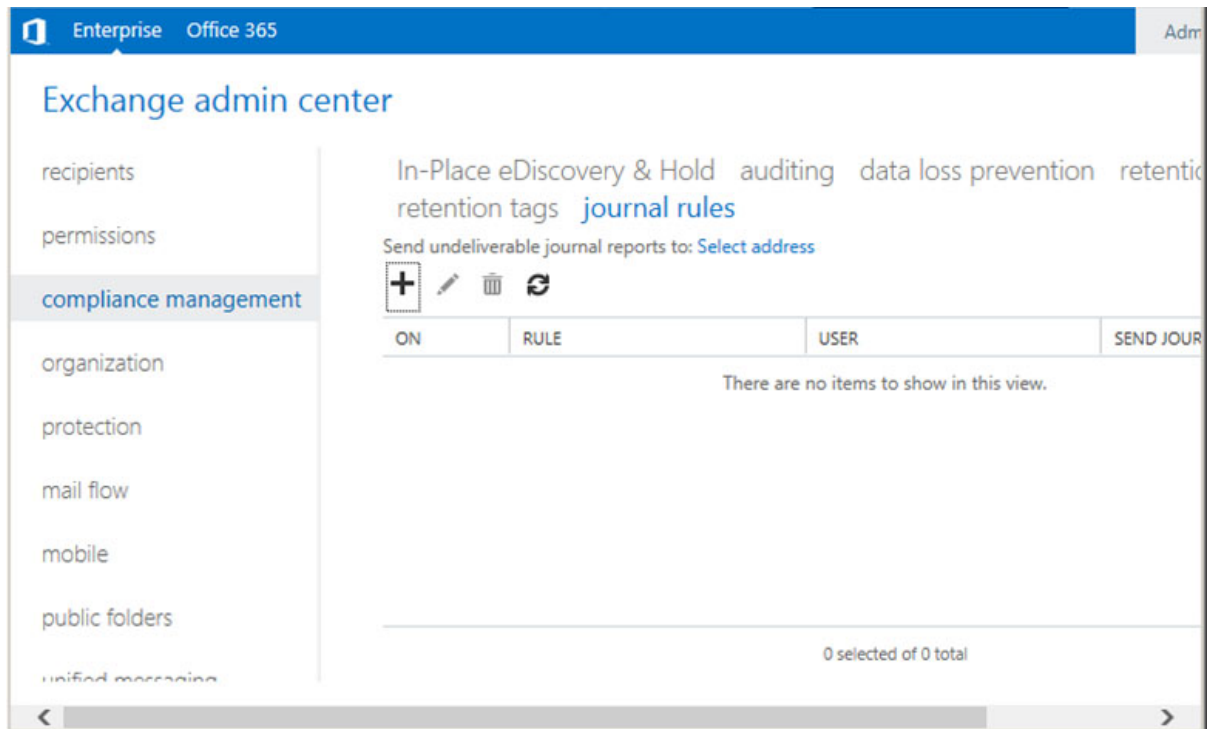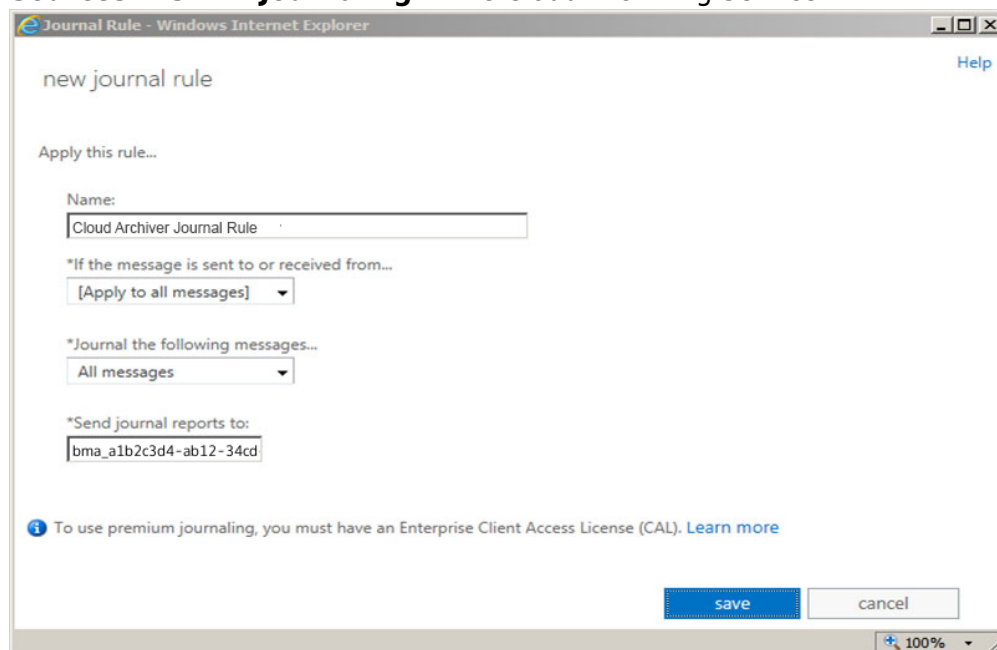
13. Click **save**.

Create Journal Rule

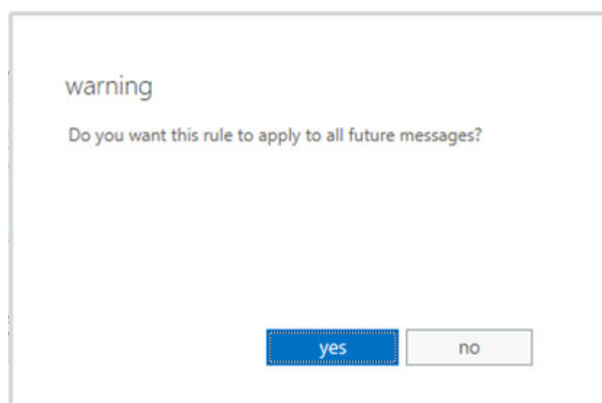Use the following steps to set up a journal rule:

1. Log into the EAC and click **compliance management** in the left pane, select **journal rules** at the top of the page, and then click the **+** symbol:
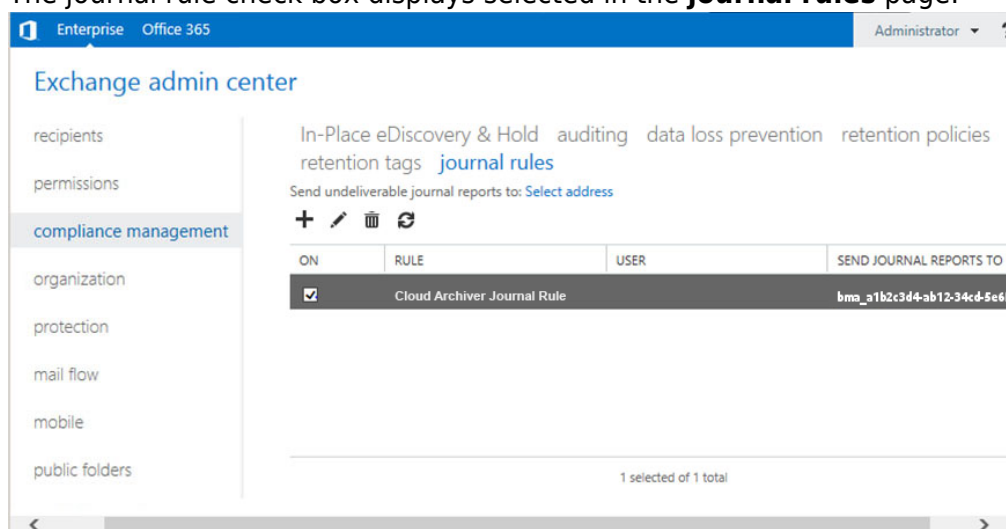
2. In the **new journal rule** page, enter the following details:
    1. Enter a name for the journal rule.
    2. From the **If the message is sent or received from** list, select **Apply to all messages**.
    3. From the **Journal the following messages** list, select **All messages**.
    4. In the **Send Journal Reports** field, enter the SMTP address provided under **Mail Sources > SMTP Journaling** in the Cloud Archiving Service:
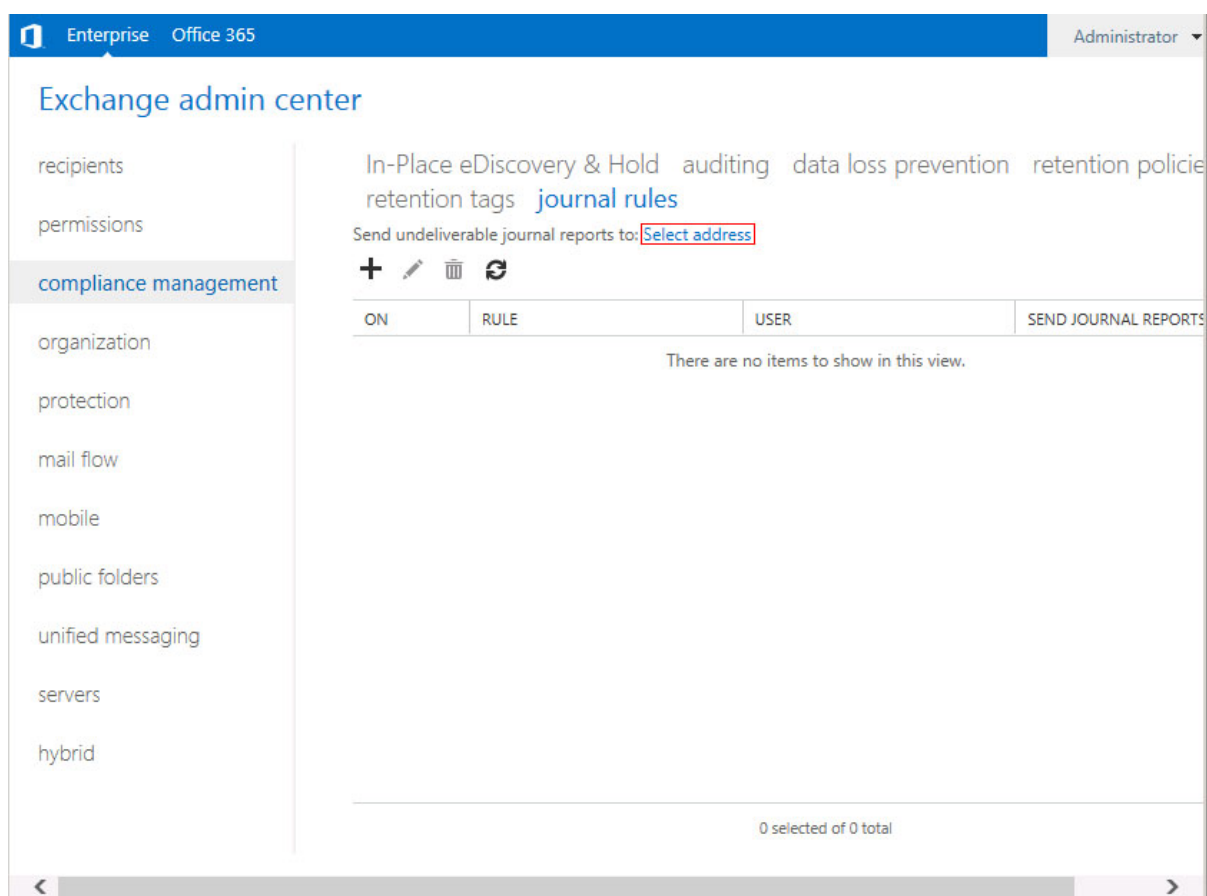

3. Click **save**. If the warning message **Do you want this rule to apply to all future messages** displays, click **yes**:
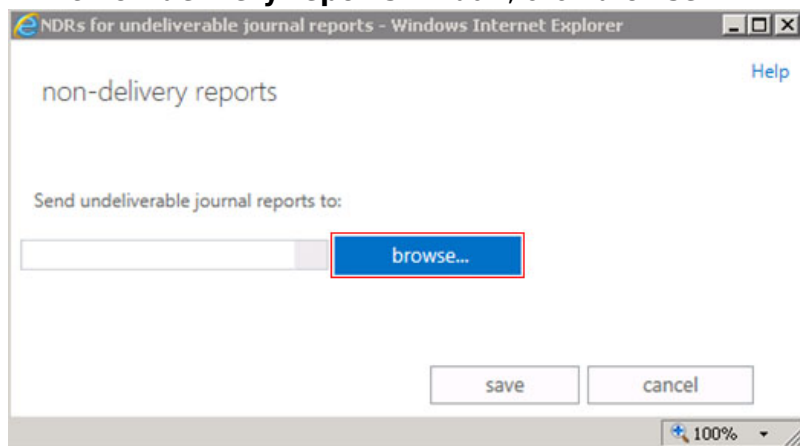
4. The journal rule check box displays selected in the **journal rules** page:
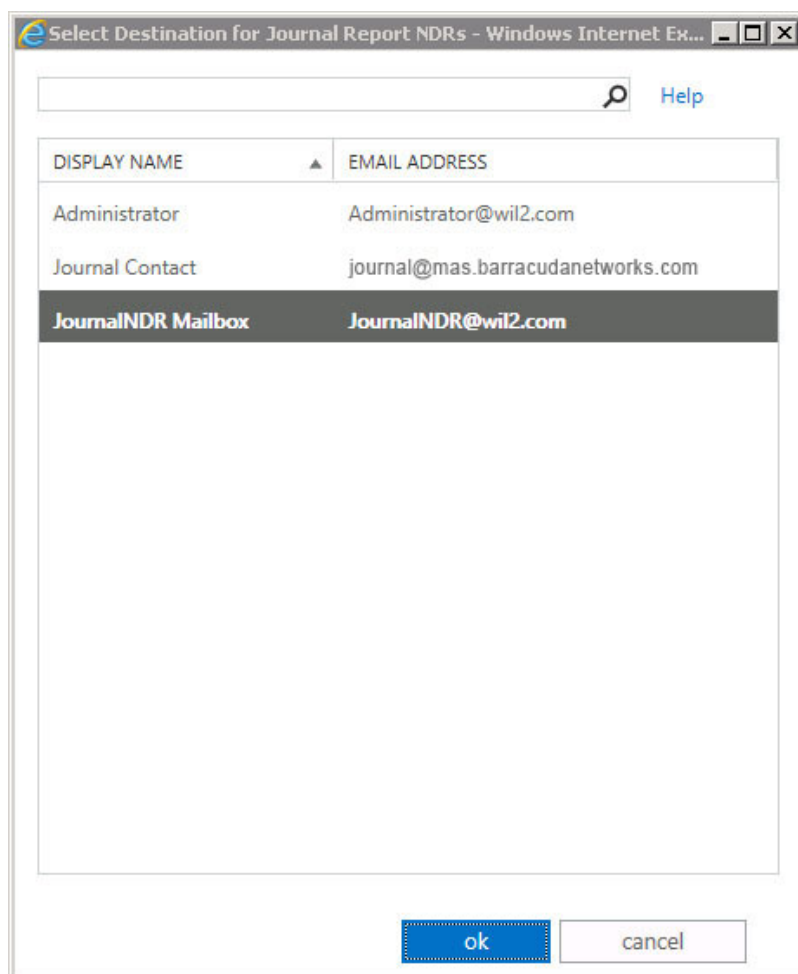

5. In the **Send undeliverable journal reports to** section, click **Select address**:
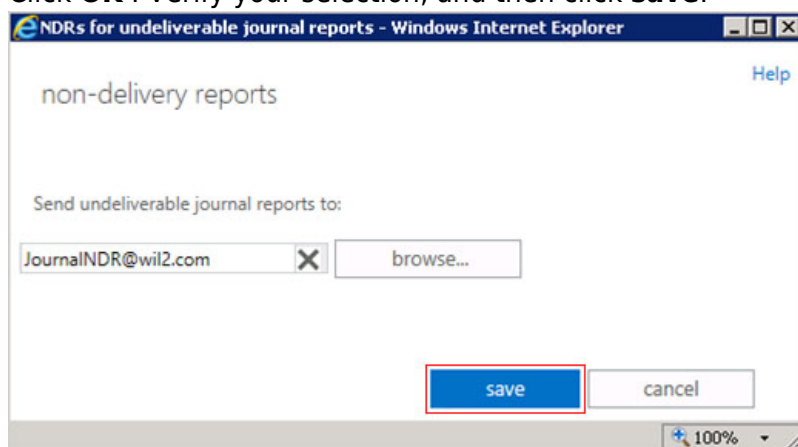
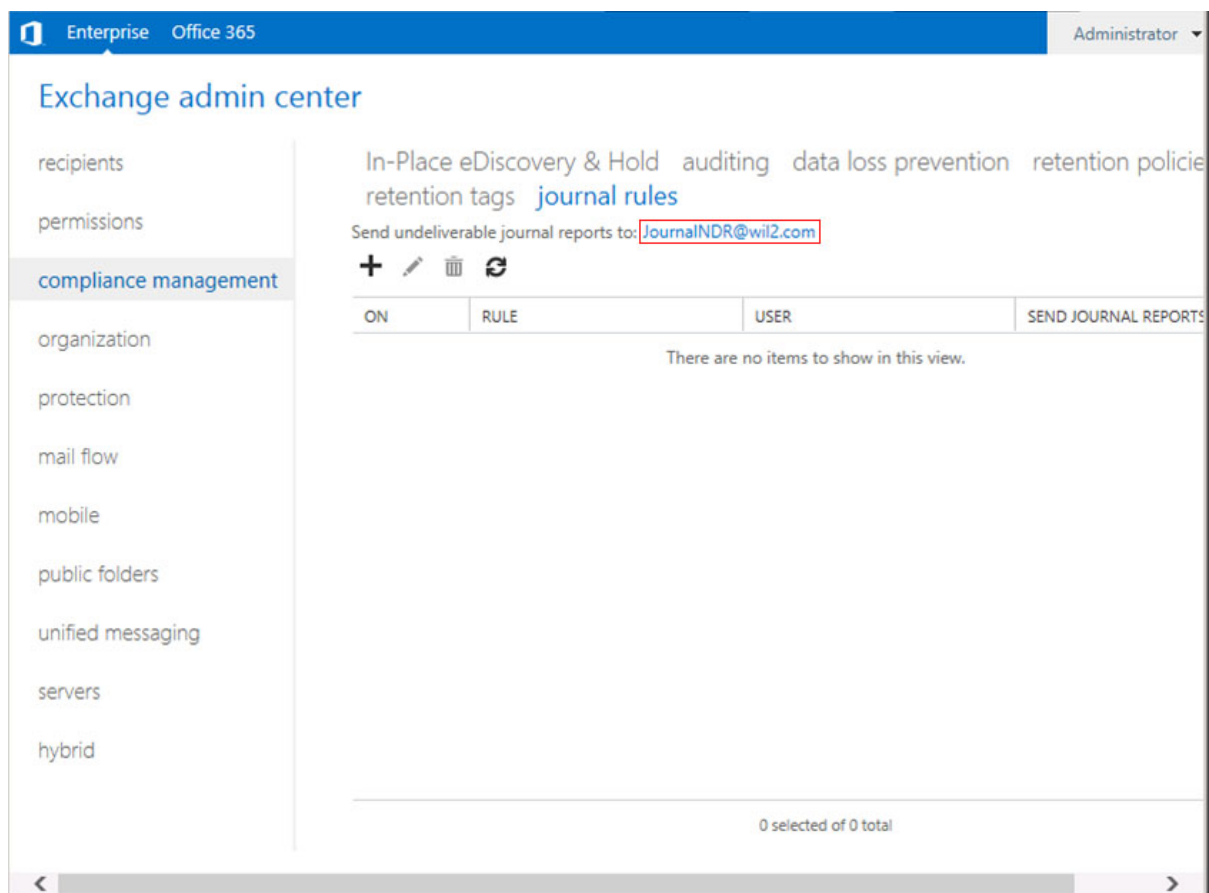6. In the **non-delivery reports** window, click **browse**:

7. Browse to and select the alternate mailbox created:

8. Click **OK** . Verify your selection, and then click **save**:

9. The address displays in the **Send undeliverable journal reports to** section:

Once you complete *Option 1* or *Option 2*, the configuration is now complete and journaled mail is forwarded to the Barracuda Cloud Archiving Service

Log in and go to the **Basic > Search** page in the web interface to verify that new mail is being processed. Note that it may take up to 30 minutes before journaled mail is available in the search results.

Continue with Step 5 - Create Service Account.

Figures

1. mailboxes.jpg
2. journal_ndr.jpg
3. journal_ndr2.jpg
4. edit_icon.jpg
5. hide.jpg
6. send_connector.jpg
7. new_send_connector.jpg
8. image2016-6-13 12:13:50.png
9. authentication.jpg
10. address_space.jpg
11. add_domain_cloud.jpg
12. verify_address_space_cloud.jpg
13. source_server.jpg
14. select_server.png
15. finish.jpg
16. enabled.jpg
17. edit_icon.jpg
18. edit_connector.jpg
19. journal_rule01.jpg
20. 2013Premium5bJournalRule.png
21. warning02.jpg
22. 2013Premium5dJournalRules.png
23. select_address.jpg
24. non_delivery.jpg
25. journal_ndr3_cloud.jpg
26. non_delivery02.jpg
27. journal_ndr4.jpg