



Email Server Configuration Guide

Table of Contents

Configure MLArchiver for SMTP.....	3
Configure MLArchiver for POP or IMAP.....	5
Office 365 using SMTP.....	6
Microsoft Exchange using SMTP (2007 - 2013).....	13
Microsoft Exchange 2016 using SMTP.....	24
Microsoft Exchange 2007-2013 using POP3 or IMAP.....	29
Microsoft Exchange 2016 using POP3 or IMAP.....	31
Microsoft Office 365 using IMAP.....	35
Google Apps Professional (Business and Education) - IMAP or POP.....	38
Kerio using POP or IMAP.....	42
Notes/Domino Email Server.....	44
Unix Mail Server.....	46
Zimbra Mail Server.....	47
CommuniGate Pro Mail Server.....	48

READ FIRST

There are two ways to configure your appliance which are shown as the first two sections of this guide:

- SMTP – This process pushes messages from your email server to the archive
- POP3/POP3S/IMAP/IMAPS – With these protocols you will create a new mailbox on your email server as a collection point for all emails going to the archive. MLArchiver will pull messages every 10 seconds and remove them from this mailbox after it is verified in the archive.

SMTP is not an option with every mail server. Please review the specific section for your mail server before configuring SMTP or POP3/POP3S/IMAP/IMAPS.

Configure MLArchiver for SMTP

To ensure capability of receiving SMTP based journal archiving, you must register each Exchange Server as a trusted SMTP server within the MLArchiver appliance as follows:

1. Go to your MLArchiver web interface and login as an Admin level user
2. Go to the Administration Tab then sub tab Operations and then the Service Control Droplet from the left column.
3. Locate the Service called "Receiver" and select Start. This enables the appliance to accept incoming SMTP traffic.

The screenshot shows the Message Logic web interface. The top navigation bar includes Search, Analytics, Hold Management, Supervision, Policies, Administration, and Message Logic. The left sidebar shows the Administration menu with options like Log Tail, Scheduled Reports, Service Control, and Restored Data. The main content area is titled 'Appliance Service Control' and displays a table of services. The 'Receiver' service is highlighted with a red square and a play button icon, indicating it is the target for starting the service.

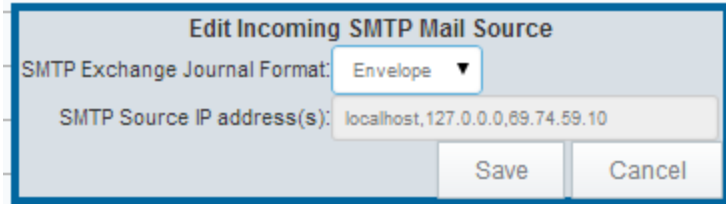
Process	Status	Start time	CPU%	Mem%	Phys mem	Virt mem	Start & stop	Restart
Adm	Running	Fri Feb 14 07:14:58 2014	0.01	2.39	47.0M	419M	Start & stop	Restart
Antiver	Stopped	0:0	0.00	0.00	0	0	Start & stop	Restart
Backup	Stopped	0:0	0.00	0.00	0	0	Start & stop	Restart
Databases	Running	Fri Feb 14 07:14:40 2014	0.05	8.62	168M	2.16G	Start & stop	Restart
Digester	Running	Fri Feb 14 07:15:18 2014	0.01	2.35	46.2M	419M	Start & stop	Restart
Indexer	Running	Fri Feb 14 07:15:02 2014	0.05	10.35	203M	1.93G	Start & stop	Restart
Preload	Running	Fri Feb 14 07:15:15 2014	0.00	2.48	48.8M	421M	Start & stop	Restart
Reader	Running	Fri Feb 14 07:15:08 2014	0.03	2.65	52.2M	429M	Start & stop	Restart
Receiver	Running	Fri Feb 14 07:15:08 2014	0.00	0.18	3.57M	81.2M	Start & stop	Restart
Referee	Running	Fri Feb 14 07:15:00 2014	0.01	2.37	46.7M	425M	Start & stop	Restart
Restore	Stopped	0:0	0.00	0.00	0	0	Start & stop	Restart
Storage	Stopped	0:0	0.00	0.00	0	0	Start & stop	Restart
Searcher	Running	Fri Feb 14 07:15:10 2014	0.16	6.45	128M	1.87G	Start & stop	Restart
Supervisor	Running	Fri Feb 14 07:14:49 2014	0.02	0.69	13.5M	214M	Start & stop	Restart

4. Next go to Administration and the sub tab System Configuration and select Configure Incoming SMTP Mail Source.

The screenshot shows the Message Logic web interface. The top navigation bar includes Search, Analytics, Hold Management, Supervision, Policies, Administration, and Message Logic. The left sidebar shows the Administration menu with options like Mailbox Referees, Mailboxes, Retention Policies, Options, and System Options. The main content area is titled 'System Options' and displays a table of system options. The 'Configure Incoming SMTP Mail Source' option is highlighted with a red square and a play button icon, indicating it is the target for configuration.

Option	Configure	Apply	Test
Configure Incoming SMTP Mail Source	Configure	Apply	Test
Configure Outbound SMTP	Configure	Apply	Test
Configure Hostname and Domain	Configure	Apply	Test
Change Digester Password	Configure	Apply	Test
Configure Time Zone	Configure	Apply	Test
Add Storage	Configure	Apply	Test
Reboot Appliance	Configure	Apply	Test
Shutdown Appliance	Configure	Apply	Test

5. This will load the “Configure Incoming SMTP Mail Source” dialog:



The screenshot shows a dialog box titled "Edit Incoming SMTP Mail Source". It has two main input areas. The first is "SMTP Exchange Journal Format:" with a dropdown menu currently set to "Envelope". The second is "SMTP Source IP address(s):" with a text box containing the string "localhost,127.0.0.0,89.74.59.10". At the bottom right of the dialog are two buttons: "Save" and "Cancel".

6. To enable SMTP journaling from your server use the following parameters:
- If using Microsoft Exchange or Office 365, select Envelope from the dropdown. Envelope collects BCC and distribution list information. For all other systems you can select RFC822. There is no also harm in selecting Envelope.
 - For Office 365, a range of IP addresses is required. This range is pre-populated in the MLArchiver. There is no need to add a source IP address unless you have been given a specific IP address for your email server (Rare for Office 365, but common in exchange and others)
 - For all other systems, add a comma at the end of the current string and add the IP address of your email server where mail will be coming from. This tells MLArchiver to be listening for mail from this address.
7. Click the “Save” button.
8. SMTP receive capability is now enabled and the appliance is ready to receive messages to the archive.
9. Next pull over the Mailbox Referee droplet and verify that the postfix mailbox is active.
10. The Message Logic set up is completed. The next step is to configure your email server to send messages.

Configure MLArchiver for POP or IMAP

- 1) On your email system create a new mailbox which will become a collection point for all messages going to the archive. Example: mlarchiver@xyzcompany.com. Remember the username and password you created. Also, please see specific information for your system in this guide.
- 2) On your Message Logic System, go to Administration, then System Configuration and Mailboxes.
 - a. Click the green arrow on the top of the workspace to launch a configuration screen. (Figure 1.0)
 - b. Complete the configuration with the mailbox information you created and your chosen transport process. The Host is the DNS or IP of your email server. Next for interval we recommend 10 and to check off Do Delete to remove mail from the mailbox after it is verified as received by the archive.
 - c. Once completed select test to verify a connection between the MLArchiver, your email server and the new mailbox you created. If it fails, please recheck the settings.
- 3) The final configuration step is to go to Administration, then Operations and Service Control.
 - a. Please make sure the Reader service is running. If not, select start and wait a few seconds to verify that it starts running.
- 4) The process is complete and your MLArchiver is ready to collect messages. If you have already configured everything on your mail server you can go to Administration, then Statistics and Global Statistics to see message counts and storage utilization.

Figure 1.0

The screenshot displays the MLArchiver Administration web interface. The top navigation bar includes tabs for Search, Analytics, Hold Management, Supervision, Policies, Administration (selected), and Message Logic. Below this, a secondary bar shows Access Control, History, Operations, Statistics, and System Configuration. The main content area is titled 'Administration' and includes a search bar and several expandable sections: Mailbox Referees, Mailboxes, Retention Policies, Options, and System Options. A 'New Mailboxes' dialog box is open in the center, allowing for the configuration of a new mailbox. The dialog contains fields for User, Full name, Password, Confirm, Host, Port, Protocol (set to Pop3), Format (set to Rfc822), Interval, Active (checked), and Do Delete (checked). Buttons for Save and Cancel are at the bottom. In the background, a table lists existing mailboxes with columns for Act, Name, User, Poll intvl, Del after read, Msg fmt, Del, Edit, and Test.

Act	Name	User	Poll intvl	Del after read	Msg fmt	Del	Edit	Test
No	inboxer.test	inboxer.test@zojax.com	10	0	rfc822	X		
Yes	test@messagelogic.net	test@messagelogic.net	10	0	rfc822	X		
No	Postfix mail source	postfix	10	0	rfc822	X		
No	Test321	Test321	10	0	rfc822	X		

Office 365 using SMTP

Once the MLArchiver has the capability to receive SMTP traffic, the following steps are required to enable SMTP journaling from Office 365 Exchange. Start by going to the Exchange Admin center.

Some items need to be configured to enable SMTP journaling:

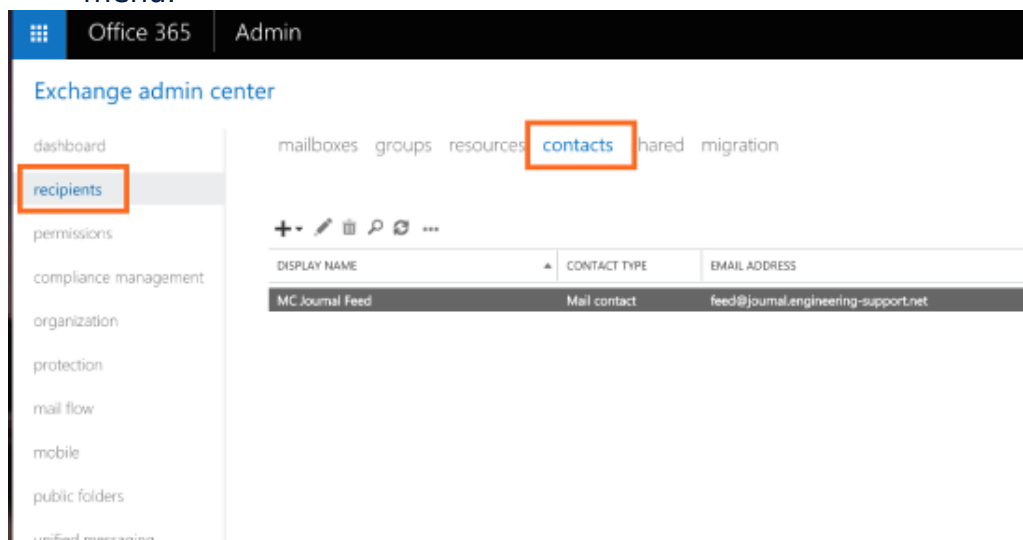
- **From Recipient Configuration** - Create a Mail Contact to be the recipient of all journaled messages.
- **From Organization Configuration > Hub Transport** - Create the following items:
 - **Remote Domain** - Non-routable fictitious recipient domain for journaled traffic such as mlarchiver.int.
 - **Send Connector** - for routing journaled messages to this remote domain.
 - **Journaling Rule** - Create a rule to enable journaling on your Exchange Server.

Creating a Mail Contact

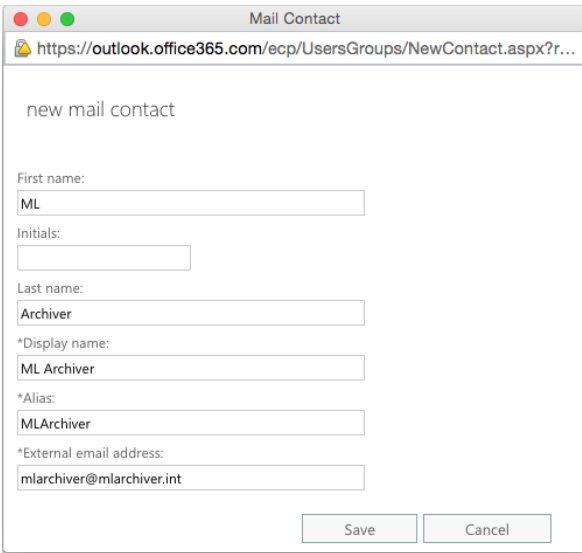
This mail contact will be the recipient of all journaled messages. This mail contact should be part of the non-routable remote domain you will create later on. The email for this account

To create the Journal Mail Contact, follow these steps:

1. In the Exchange Admin Center navigate to the **Recipients | Contacts** menu.



2. Click the plus icon to create a new contact.
3. Complete the values on the form and select **Save**.

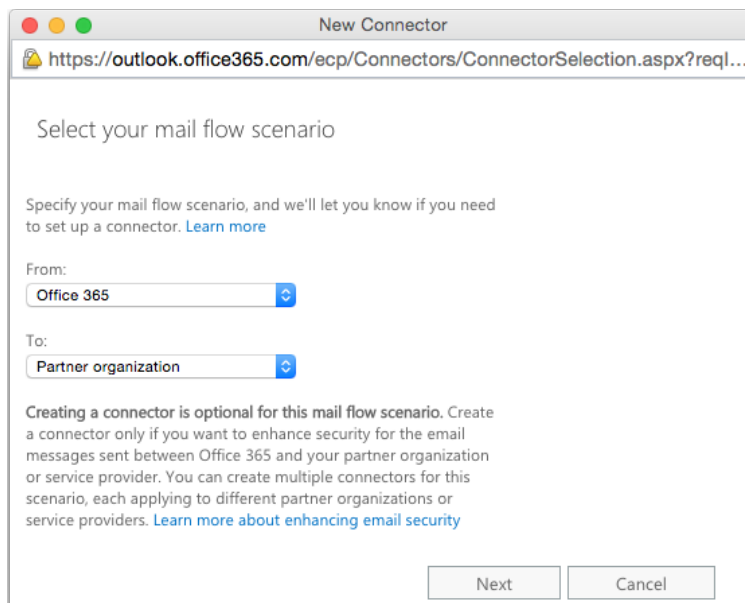


Create a Send Connector

Send Connectors are used to route email to remote mail systems. **Send Connectors** apply a customized set of limits and other configuration options that apply only to messages destined for those particular remote mail systems that match the address space as configured on the **Send Connector**.

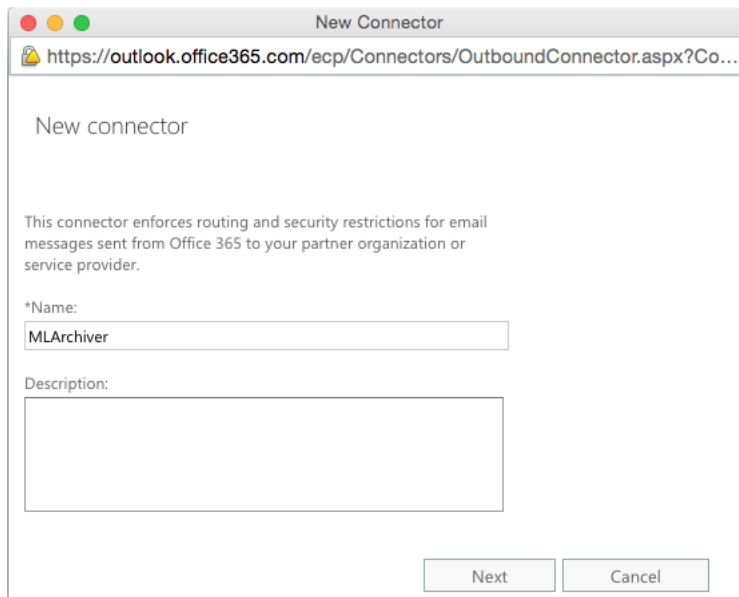
Use the following steps to create a Send Connector that will route the journaled message to the MLArchiver:

1. In the Exchange Admin Center navigate to the **Mail Flow | Connectors** menu and create a new connector.



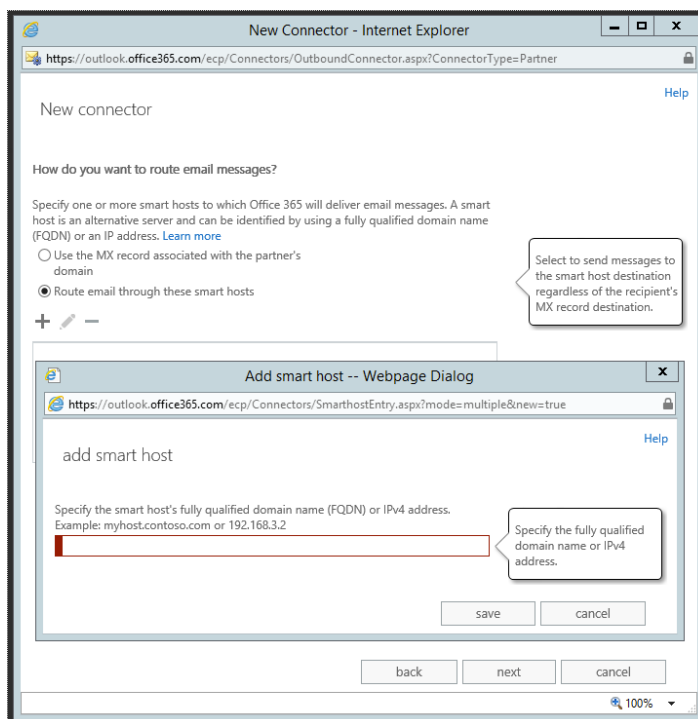
2. In the **From** section select Office 365, and in the **To** section select Partner Organization. Click **Next**.

3. Give the new connector a **Name**, optional **Description**, and decide if the connector should be enabled once it has been saved using the **Turn it on** checkbox. Click **Next**.



The screenshot shows a web browser window titled "New Connector" with the URL <https://outlook.office365.com/ecp/Connectors/OutboundConnector.aspx?Co...>. The page content includes the heading "New connector" and a descriptive paragraph: "This connector enforces routing and security restrictions for email messages sent from Office 365 to your partner organization or service provider." Below this, there is a form with two fields: "*Name:" with the value "MLArchiver" and "Description:" with an empty text area. At the bottom right, there are two buttons: "Next" and "Cancel".

4. Leave the default **Only when email messages are sent to these domains** selected and click the plus icon to add the recipient domains that should use this connector.



The screenshot shows the "New Connector" web page in an Internet Explorer window. The page title is "New connector" and the URL is <https://outlook.office365.com/ecp/Connectors/OutboundConnector.aspx?ConnectorType=Partner>. The page asks "How do you want to route email messages?" and provides two options: "Use the MX record associated with the partner's domain" (unselected) and "Route email through these smart hosts" (selected). A plus icon is visible below the selected option. A callout box explains: "Select to send messages to the smart host destination regardless of the recipient's MX record destination." Below the plus icon, there is a button to "Add smart host". An "Add smart host -- Webpage Dialog" is open, showing the URL <https://outlook.office365.com/ecp/Connectors/SmarthostEntry.aspx?mode=multiple&new=true>. The dialog has the heading "add smart host" and a descriptive paragraph: "Specify the smart host's fully qualified domain name (FQDN) or IPv4 address. Example: myhost.contoso.com or 192.168.3.2". There is a text input field for the smart host address. A callout box explains: "Specify the fully qualified domain name or IPv4 address." Below the input field are "save" and "cancel" buttons. At the bottom of the dialog, there are "back", "next", and "cancel" buttons. The browser window shows a zoom level of 100%.

5. Enter the domain of the external contact you created for this journal

The screenshot shows the 'New Connector' dialog in Internet Explorer. The main dialog is titled 'New connector' and has a URL bar showing 'https://outlook.office365.com/ecp/Connectors/OutboundConnector.aspx?ConnectorType=Partner'. It contains a section 'When do you want to use this connector?' with two radio buttons: 'Only when I have a transport rule set up that redirects messages to this connector' and 'Only when email messages are sent to these domains' (which is selected). Below this is a list of domains with a plus icon to add more. A callout box explains the first option: 'Select this option only if you created a rule that redirects email messages to this connector. Learn more'. An 'add domain -- Webpage Dialog' is open over the main dialog. It has a title bar 'add domain -- Webpage Dialog' and a URL bar 'https://outlook.office365.com/ecp/Connectors/DomainEntry.aspx?mode=multiple&new=true'. It contains a text input field with the value '*journal.domain.com' and a callout box explaining the format: 'Specify the fully qualified domain name. Example: myhost.contoso.com'. There are 'OK' and 'Cancel' buttons at the bottom.

connection.

6. Select the **Route email through these smart hosts** option, and click the plus icon to add the smart hosts. Enter your MLArchiver instance IP or hostname.

The screenshot shows the 'Edit Connector' dialog in Internet Explorer. The title bar is 'Edit Connector' and the URL bar is 'https://outlook.office365.com/ecp/Connectors/OutboundConnector.aspx?...'. It contains a section 'How do you want to route email messages?' with two radio buttons: 'Use the MX record associated with the partner's domain' and 'Route email through these smart hosts' (which is selected). Below this is a list of smart hosts with a plus icon to add more. The list contains 'messagelogic.cloudapp.net' and 'you.mlarchiver.com'. There are 'Back', 'Next', and 'Cancel' buttons at the bottom.

7. The MLArchiver already contains self-signed certificate. If you want to use it leave the default **Always use Transport Layer Security (TLS) to secure the connection (recommended)** and select **Any digital certificate, including self-signed certificates**. If you have SSL certificate of your company you can upload it in the *System Configuration Droplet* and then use option **Issued by a trusted certificate authority (CA)**.

Edit Connector

https://outlook.office365.com/ecp/Connectors/OutboundConnector.asp...

Edit Connector

How should Office 365 connect to your partner organization's email server?

☒ Always use Transport Layer Security (TLS) to secure the connection (recommended)
Connect only if the recipient's email server certificate matches this criteria

☒ Any digital certificate, including self-signed certificates

☐ Issued by a trusted certificate authority (CA)
☐ And the subject name or subject alternative name (SAN) matches this domain name:

Back Next Cancel

8. Verify your settings and click **Next**.

Edit Connector

https://outlook.office365.com/ecp/Connectors/OutboundConnector.aspx?r...

Edit Connector

Validate this connector

We'll validate this connector for you to make sure it works as expected, but first you'll need to provide one or more email addresses so we can send a test message.

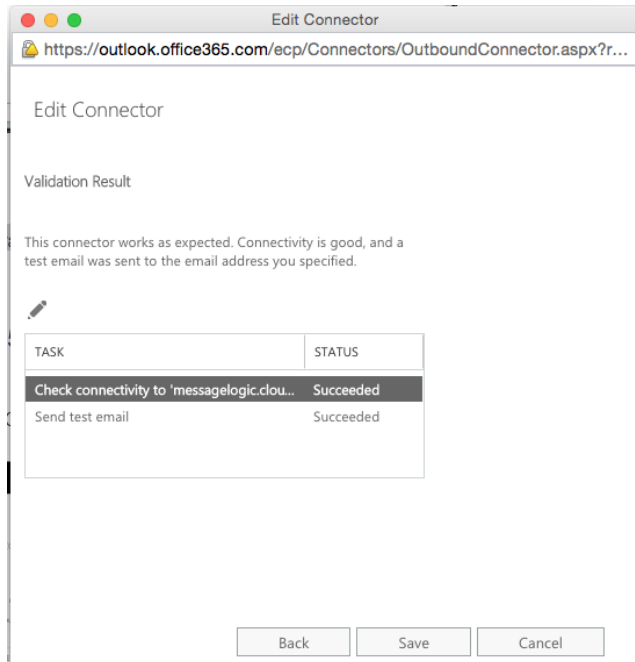
Specify an email address for your partner domain. You can add multiple addresses if your partner has more than one domain.

+ ✎ -

inboxer.test@mlarchiver.com

Back Validate Cancel

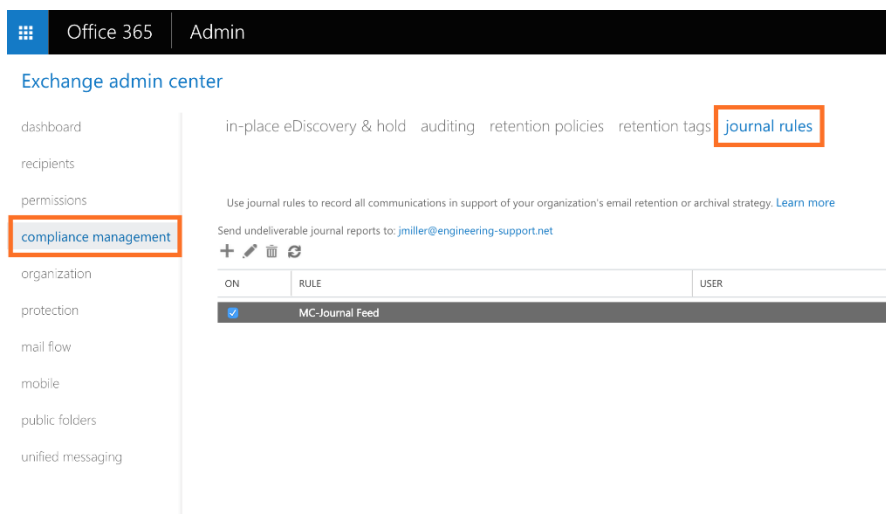
9. To validate the settings, add an email address of a recipient from a domain external to your organization and click **Validate**.



Create a Journaling Rule

Open the Exchange Management Console, and complete the following steps to add a journaling rule:

1. In the Exchange Admin Center navigate to the **Compliance Management | Journal Rules** menu.



2. Click the plus icon to create a new journal rule.
 - Enter the email address of your journal contact in the ***Send journal reports to field**.
 - Provide a **Name** for the journal rule.

- Select **Apply to all messages** in the ***If the message is sent to or received from...** drop down menu.
- Select **All Messages** in the ***Journal the following messages...** drop down menu.

Journal Rule

https://outlook.office365.com/ecp/RulesEditor/NewJournalRule.a...

new journal rule

Apply this rule...

*Send journal reports to:
mlarchive@mlarchiver.ir

Name:
MLArchiving SMTP

*If the message is sent to or received from...
[Apply to all messages] ▼

*Journal the following messages...
All messages ▼

Save Cancel

When completed select Save. At this point your system is configured to journal all messages and send a copy of the messages via SMTP to your MLArchiver. Please refer to **Configure MLArchiver for SMTP** (section 1) in this guide to configure your MLArchiver to receive email traffic from your email server.

Microsoft Exchange using SMTP (2007 - 2013)

The following steps are required to enable SMTP journaling from Exchange.

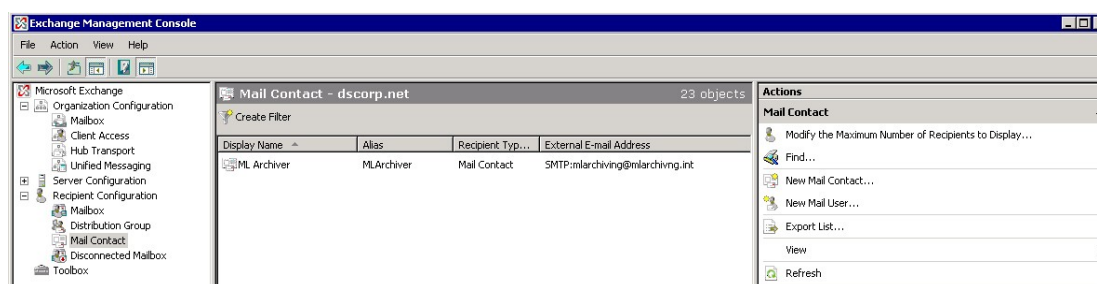
- **From Recipient Configuration** - Create a Mail Contact to be the recipient of all journaled messages.
- **From Organization Configuration > Hub Transport** - Create the following items:
 - **Remote Domain** - Non-routable fictitious recipient domain for journaled traffic such as mlarchiver.int.
 - **Send Connector** - for routing journaled messages to this remote domain.
 - **Journaling Rule** - Create a rule to enable journaling on your Exchange Server.

Creating a Mail Contact

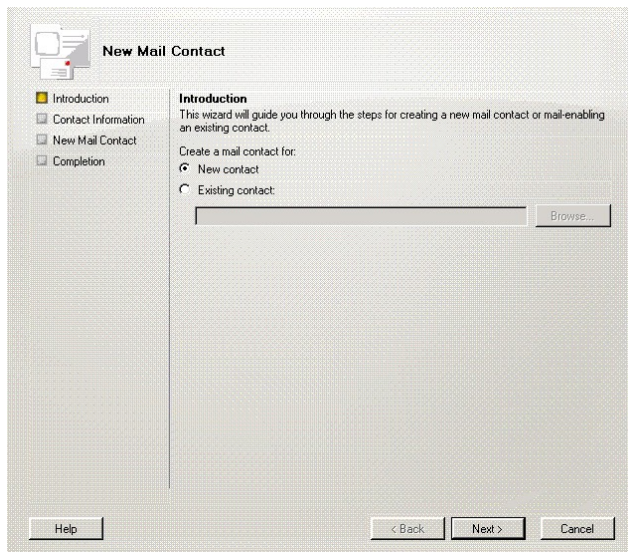
This mail contact will be the recipient of all journaled messages. This mail contact should be part of the non-routable remote domain you will create later on. The email for this account

To create the Journal Mail Contact, follow these steps:

1. Open your Exchange console and browse to **Recipient Configuration** then to **Mail Contact**.
2. Right click in the open area or choose **New Mail Contact** on the right hand side.



3. The **New Mail Contact** dialog box will now be displayed. Select **New Contact** and click next.



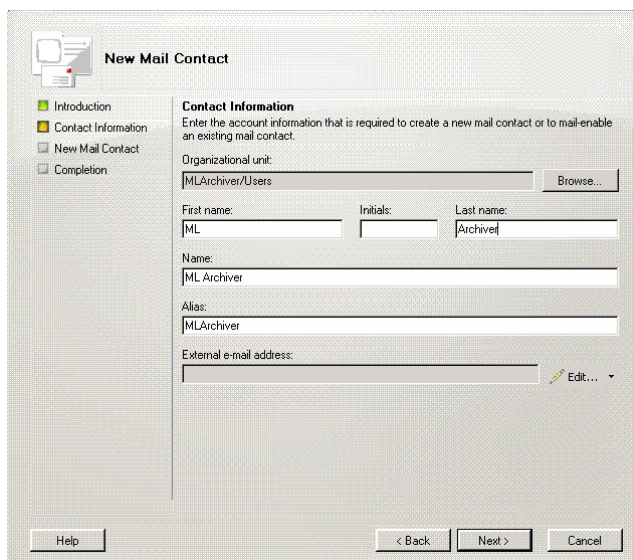
New Mail Contact

Introduction
☐ Contact Information
☒ New Mail Contact
☐ Completion

Introduction
 This wizard will guide you through the steps for creating a new mail contact or mail-enabling an existing contact.

Create a mail contact for:
☒ New contact
☐ Existing contact

- Now you will need to fill in information for this new **Mail Contact**.



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.

Organizational unit:

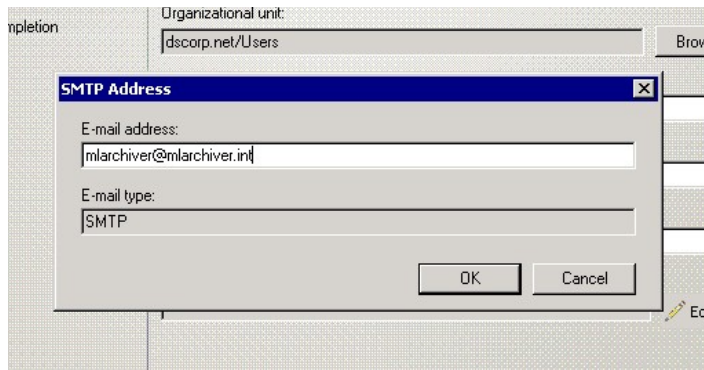
First name: Initials: Last name:

Name:

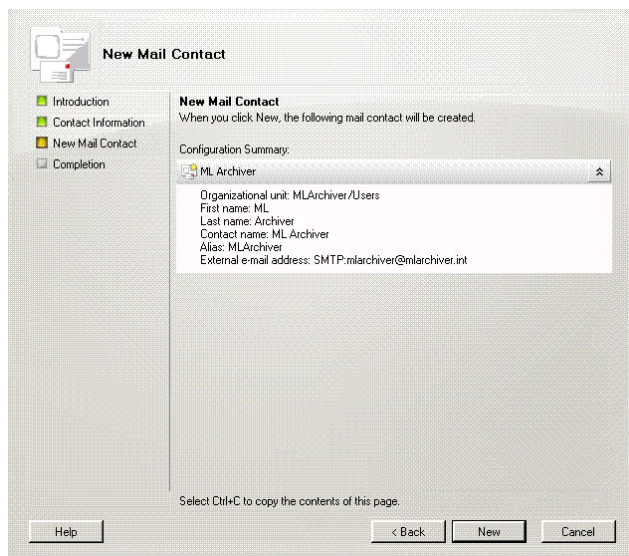
Alias:

External e-mail address:

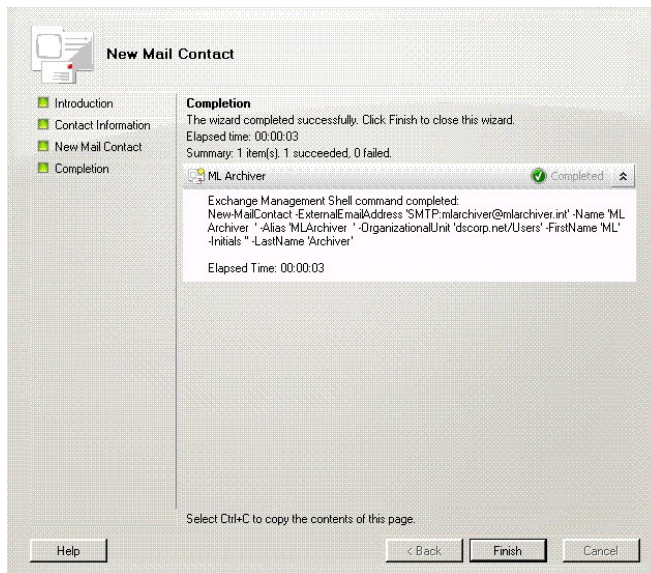
- Once you fill in the Contact Information you will need to click edit to define an SMTP email address for this new Mail Contact. Once defined, click ok then next.



6. You can now review a summary of the newly created **Mail Contact**. If you would like to change any details, you can select the back button or click **New** to commit the information to your Exchange Server and create the new **Mail Contact**. Once you have reviewed the new Mail Contact details click **New**.



7. If the new Mail Contact completed successfully you will see a dialog similar to the one below. If there were any issues, you can go back and resolve them as required. You can now click Finish and the new Mail Contact is complete.

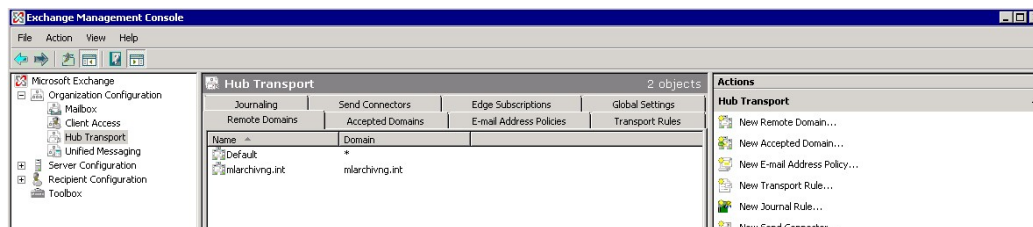


Create a Remote Domain

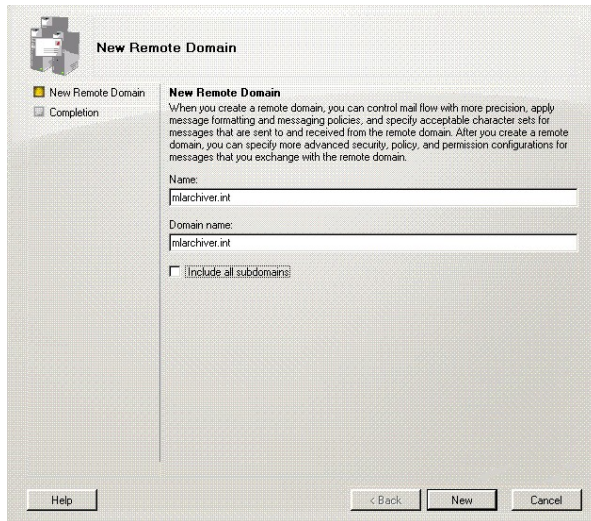
The Remote Domain must be a non-existent or externally non-routable and irresolvable domain, from either inside or outside your organization, and must match the Mail Contact that is the recipient of journaled messages as it is used by the Exchange Server for routing all SMTP Journal traffic.

To create a Remote domain, follow these steps:

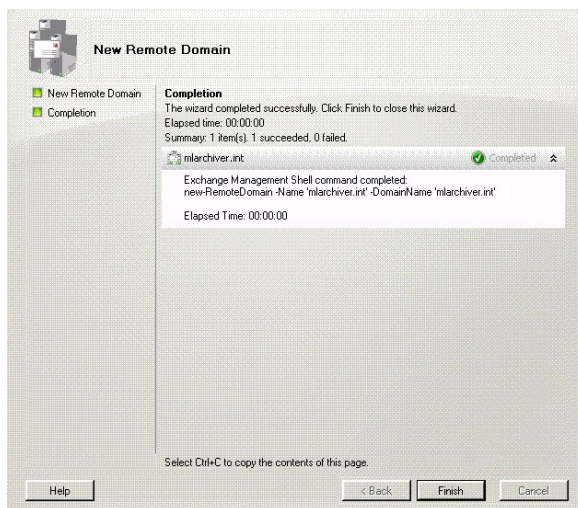
1. Open your Exchange Management Console, expand **Organization Configuration**, Select **Hub Transport**, and click the **Remote Domains** tab.
2. Right click in the open area or choose **New Remote Domain** on the right hand side.



3. Fill in the **New Remote Domain** information. Enter a name such as MLArchiver. The actual Remote Domain name should be a “fake” domain and should match the fake domain that you created for the **Mail Contact**. As seen below, mlarchiver.int was used. Leave **include all sub domains** unchecked and click **New**.



A summary for the newly created **Remote Domain** will display. Click finish to complete the **Remote Domain** addition.



4. Now you need to double-click on the newly created domain, or right-click and select Properties to open the Properties dialog for the newly-created domain.
 - a. Exchange 2007: Select **Format of original message sent as attachment to the journal report**.
 - b. Exchange 2010+: Select the **Message Format** tab
 - i. Select the following item in the **Properties** dialog:
 1. **Message Format Options** section, turn on **Allow automatic forward**
 - a. All but use message text line wrap at column should be checked
 2. **Exchange-rich-text Format** section, select **Never Use**

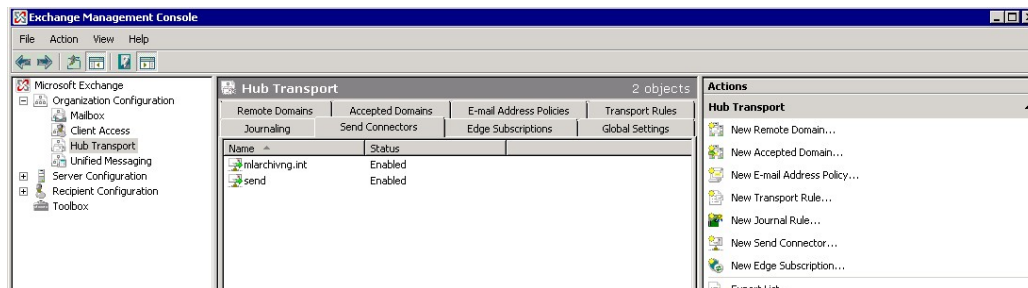
- ii. These selections ensure that that journal messages sent to this domain are MIME Plain Text format and not the unsupported Exchange Rich Text format (TNEF, known as MAPI Rich Text Format)
- c. Click **OK** and save your settings, then close the **Properties** dialog box.

Create a Send Connector

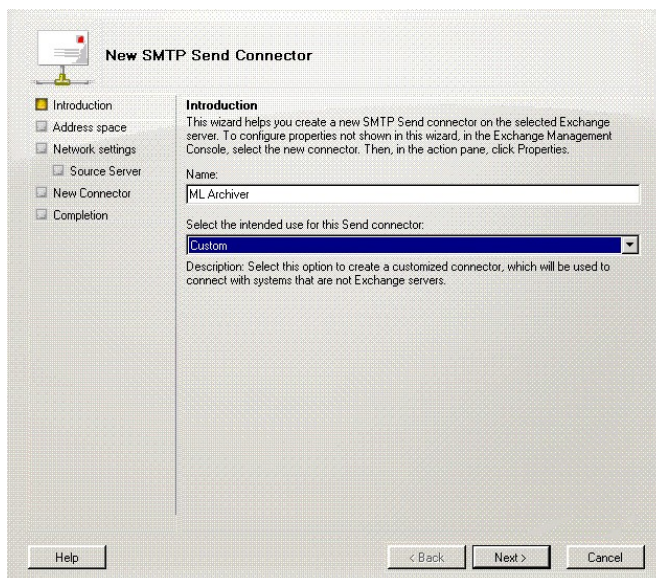
Send Connectors are used to route email to remote mail systems. **Send Connectors** apply a customized set of limits and other configuration options that apply only to messages destined for those particular remote mail systems that match the address space as configured on the **Send Connector**.

Use the following steps to create a Send Connector that will route the journaled message to the MLArchiver:

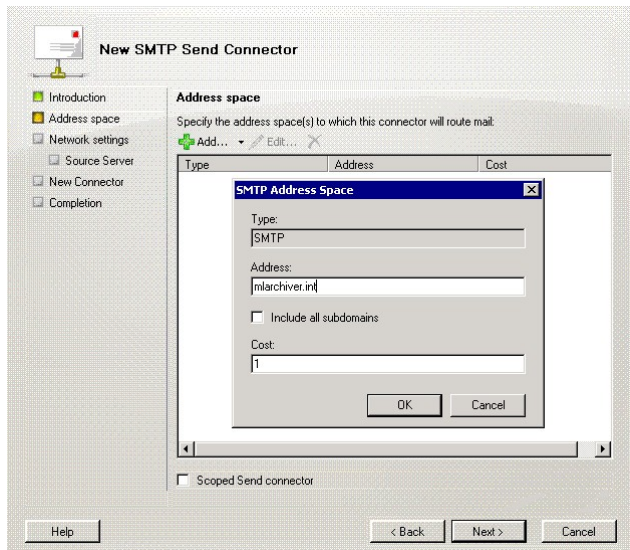
1. In the Exchange Management Console, expand **Organization Configuration**, select **Hub Transport**, and select the **Send Connector** tab.
2. Right click in the open area or choose **New Send Connector** on the right hand side.



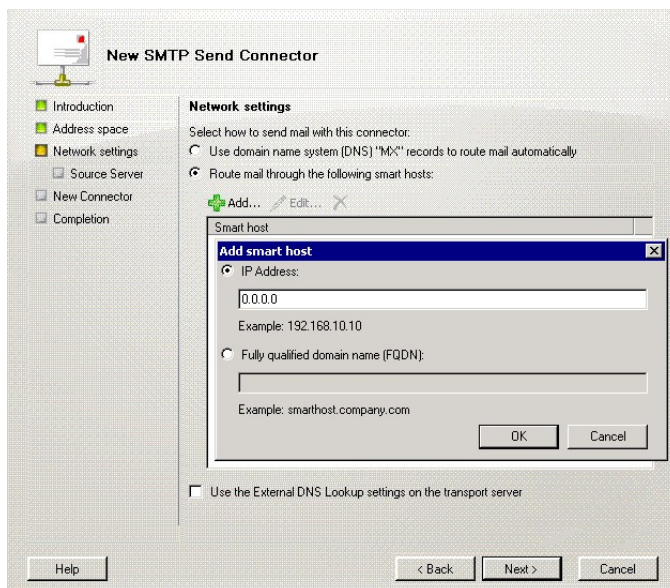
3. Fill in the name of the new **Send Connector**. From the Select the intended use for this **Send Connector** menu, select **Custom**, and click **Next**.



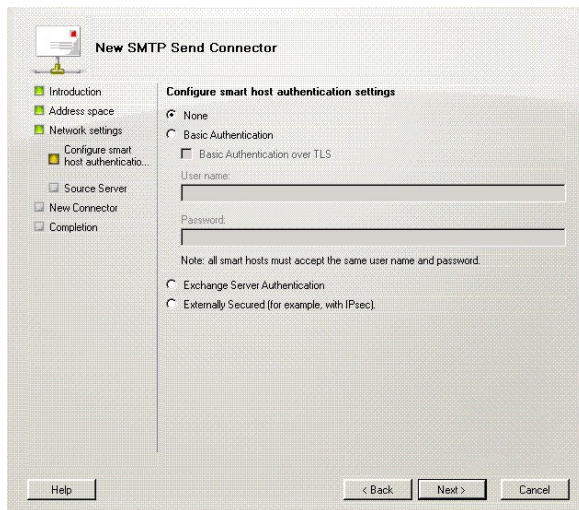
4. In the **Address Space** section, click **Add**; the **SMTP Address Space** dialog appears. The type should be **SMTP**. In the **Address Space** field, enter the domain created earlier; e.g. *mlarchiver.int*. Click **OK** to close the dialog, and click **Next**.



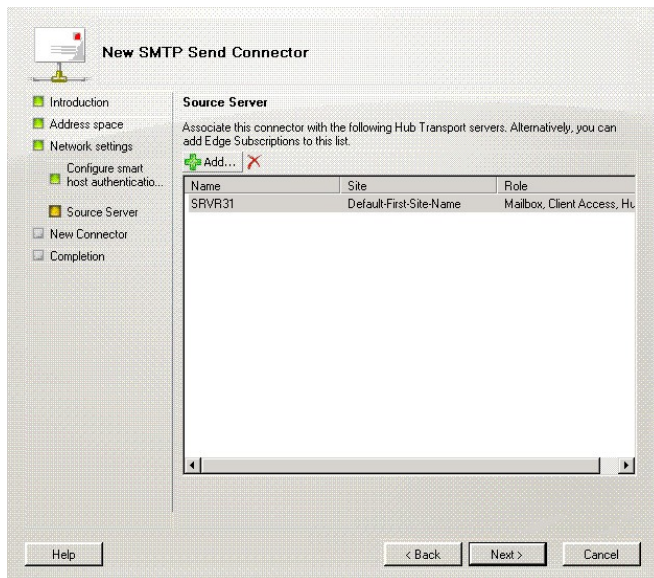
5. In the **Network Settings** section, select **Route mail through the following smart hosts** option, and click **Add**; the **Add smart host** dialog appears as seen below. Using the IP Address field, enter the MLArchiver appliance IP Address. Click **OK**, and then click **Next**.



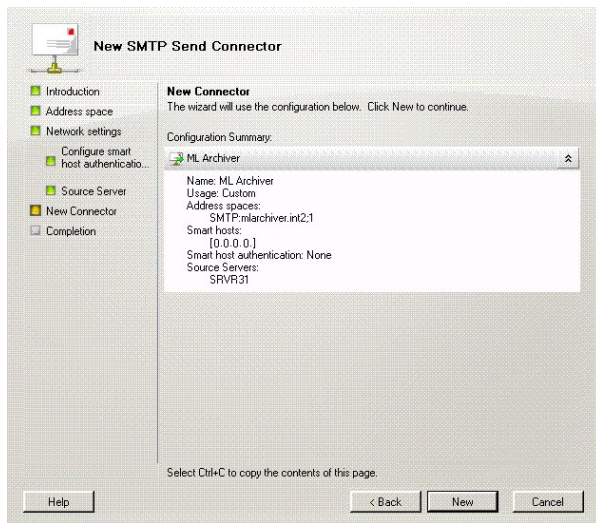
6. In the **Configure smart host authentication settings** section, select **None**, and then click **Next**.



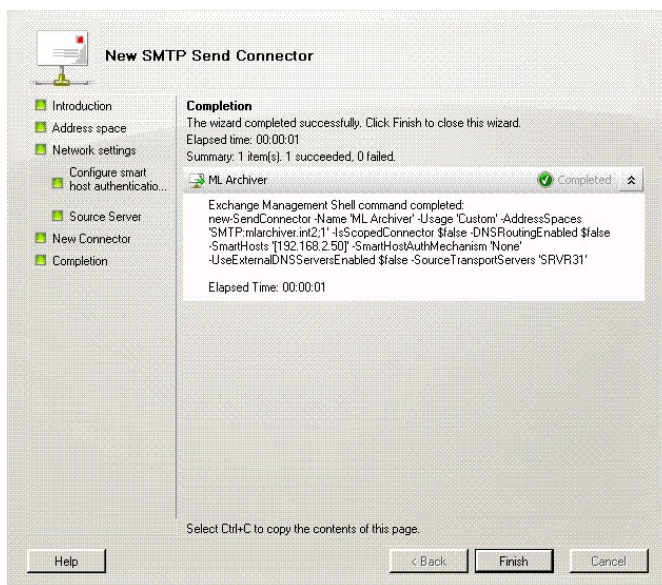
7. In the **Source Server** section, if your Exchange Server is not already listed, click **Add** to search for and add the server to the list below. Then click **Next**.



8. Verify your configuration before you click **New**. Once you are satisfied click **New** and your new **Send Connector** will be created.



9. Once the **Send Connector** has been created and was successful you can click Finish to close out of the **New Send Connector** dialog.



Create a Journaling Rule

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

1. In the Exchange Management Console, 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.

New Journal Rule

☒ New Journal Rule
☐ Completion

New Journal Rule
This wizard helps you create a new journal rule. When enabled, the new journal rule is executed on your organization's Hub Transport servers.


Rule name:
ML Archiving SMTP

Send Journal reports to e-mail address:

Scope:
☒ Global - all messages
☐ Internal - internal messages only
☐ External - messages with an external sender or recipient

☐ Journal messages for recipient:

☒ Enable Rule

 To use premium journaling, you must have an Exchange Enterprise Client Access License (CAL).

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 created earlier; *e.g. - mlarchiver@mlarchiver.int*

Select Recipient

File View Scope

Search:

Display Name	Alias	Recipient Type	Prim
ML Archiver	MLArchiver	Mail Contact	mlar...

1 object(s) selected. 104 object(s) found. ...

4. Select the desired Scope for archiving; the recommended setting is **Global - All Messages** for the most complete coverage.
5. Click **New** to create the Journal rule, and click **Finish** to return to the **Journal Rules** tab where the newly-created rule displays in the list.

At this point your system is configured to journal all messages and send a copy of the messages via SMTP to your MLArchiver. Please refer to **Config-**

ure MLArchiver for SMTP (section 1) in this guide to configure your MLArchiver to receive email traffic from your email server.

Microsoft Exchange 2016 using SMTP

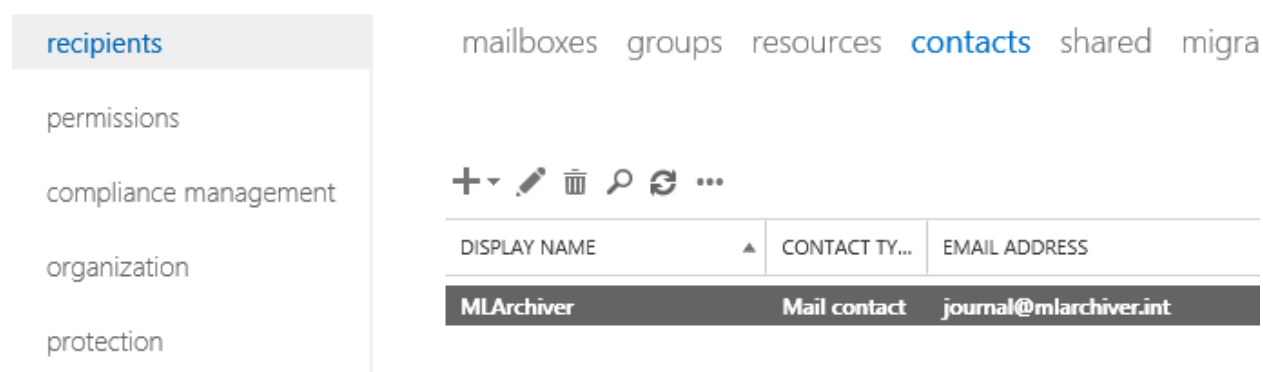
The following steps are required to enable SMTP journaling from MS Exchange 2016.

- Create an **External Contact** to be the recipient of all journaled messages.
- Create the following items:
 - **Send Connector** - for routing journaled messages to this remote domain.
 - **Enable Journaling** - Enable journaling on your Exchange Server for each of the mailbox databases.

Creating an External Contact in Exchange 2016

To create an external contact in Exchange 2016:

Exchange admin center



1. Log in to the **Exchange Admin Center**.
2. Click on the **Recipients** menu item on the left of the page.
3. Click in the **Contacts** link at the top of the page.
4. Click the **+** icon to display a popup menu.
5. Click the **Mail Contact** menu item.
6. Complete the New Mail Contact dialog as follows:

Field / Option	Description
First Name	Enter a first name for the journaling contact (e.g. MLarchiver).
Initials	This field is not required, and can be left blank.

Field / Option	Description
Last Name	Enter a last name for the journaling contact (e.g. Journaling).
Display Name	These fields display a concatenation of the First Name and Last Name fields, and can be left with the default values. If the above examples are used, the display name is "MLArchiver Journaling".
Name	
Alias	Enter an alias for the contact (e.g. Journaling).
External Email Address	Enter the journaling contact email address (e.g. journal@mlarchiver.int - where "mlarchiver.int" is non-routable remote domain.

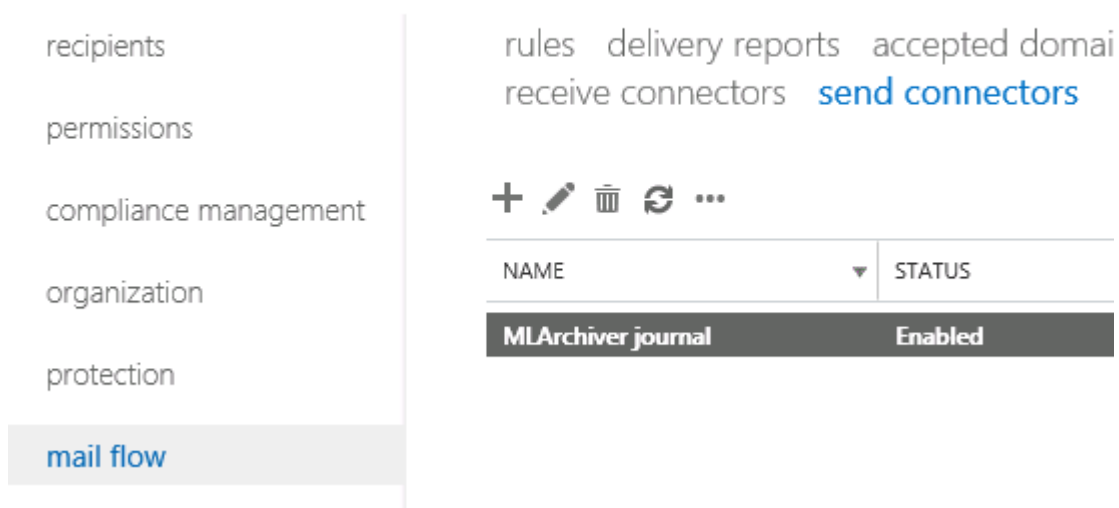
Creating a Send Connector in Exchange 2016

Next you need to configure the **Send Connector**. It enables archiving of internal and external emails to the external SMTP contact created in the previous section of this document.

To configure the Exchange 2016 send connector:

1. Log in to the **Exchange Admin Center**.
2. Click on the **Mail Flow** menu item at the left of the page.
3. Click the **Send Connectors** link at the top of the page.

Exchange admin center



4. Click the **+** icon to display a pop-up dialog.

5. Complete the Select Your Mail Flow Scenario dialog as follows:

Field / Option	Description
Name	Enter a name for the connector (e.g. Journal Send Connector to MLArchiver).
Type	Select the "Custom (For example, to send to other non-Exchange servers)" option.

6. Click the **Next** button. The New Send Connector dialog is displayed.

7. Select the **Route Mail Through Smart Hosts** option.

8. Click the **+** icon. The Add Smart Hosts dialog is displayed.

9. Enter the domain name or the IP address of the MLArchiver system.

10. Click the **OK** button. The smart host is displayed in the list.

A send connector can route mail directly through DNS or redirect it to a smart host. [Learn more...](#)

*Network settings:
Specify how to send mail with this connector.

☐ MX record associated with recipient domain
☒ Route mail through smart hosts

+ ✎ -

SMART HOST
10.100.0.10

11. Click the **Next** button.

12. Click the **None** value in the "Smart Host Authentication" section.

Configure smart host authentication. [Learn more...](#)

Smart host authentication:

☒ None
☐ Basic authentication
 ☐ Offer basic authentication only after starting TLS

*User name:

*Password:

13. Click the **Next** button.

14. Click the **+** icon to specify the Address Space the connector should route mail to.

15. Complete the **Add Domain** dialog as follows:

Field / Option	Value
Type	SMTP
Full Qualified Domain Name (FQDN)	Domain name or the IP address of the MlArchiver system
Cost	1

16. Click the **Save** button. The Address Space is displayed in the list.

*Address space:
Specify the address space or spaces to which this connector will route mail.

+ -

TYPE	DOMAIN	COST
SMTP	10.100.0.10	1

17. Click the **Next** button. The Source Server section is displayed.

18. Click the **+** icon to add the transport server(s) associated with this connector.

19. Click on the **Mailbox Servers** that you want to use to send outbound mail to MlArchiver.

*Source server:
Associate this connector with the following servers containing transport roles. You can also add Edge Subscriptions to this list.

+ -

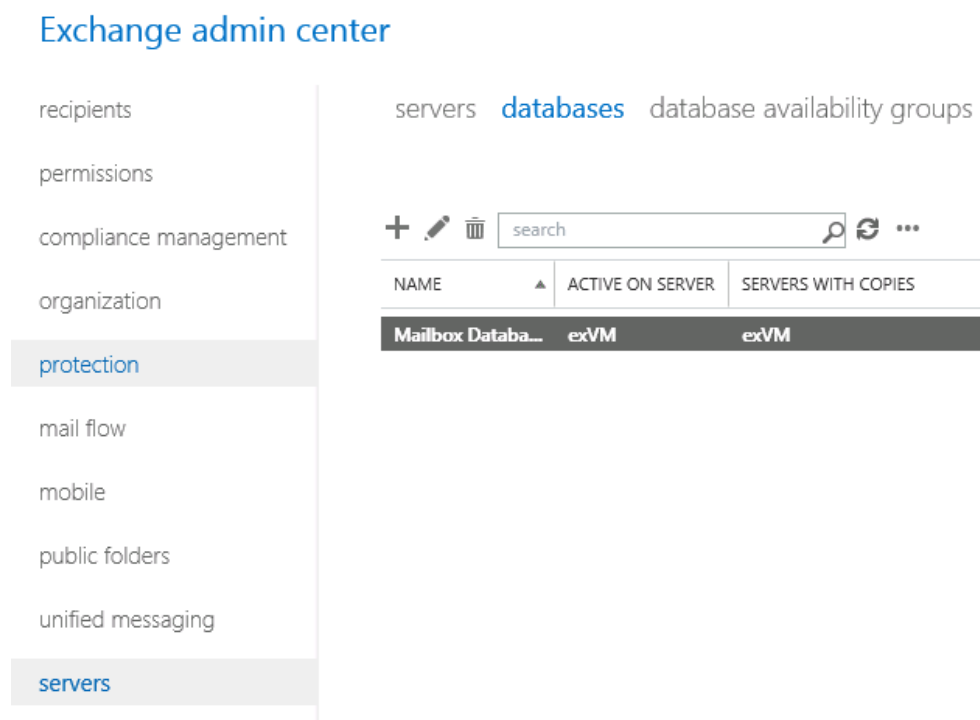
SERVER	SITE	ROLE								
<div> Select a Server - Internet Explorer </div> <table> <thead> <tr> <th>NAME</th><th>SITE</th><th>ROLE</th><th>VERSION</th></tr> </thead> <tbody> <tr> <td>exVM</td><td>corp.mlarchiver.ml/C...</td><td>Mailbox, ClientAccess</td><td>Version 15.1 ..</td></tr> </tbody> </table> <p>1 selected of 1 total</p> <p>add -> exVM[remove];</p> <p>OK Cancel</p>			NAME	SITE	ROLE	VERSION	exVM	corp.mlarchiver.ml/C...	Mailbox, ClientAccess	Version 15.1 ..
NAME	SITE	ROLE	VERSION							
exVM	corp.mlarchiver.ml/C...	Mailbox, ClientAccess	Version 15.1 ..							


20. Click the **Add** button.
21. Click the **OK** button.
22. Click the **Finish** button.

Enabling Exchange 2016 Journaling

In order to enable journaling, follow next steps:

1. Log in to the **Exchange Admin Center**.
2. Click on the **Servers** menu item at the left of the page.
3. Click the **Databases** link at the top of the page.
4. Ensure the required **Database** is selected.



5. Click the  icon. The Database Properties are displayed.
6. Click on the **Maintenance** menu item on the left.
7. Click the **Browse** button. A list of Mail Contacts is displayed.
8. Click on the **Mail Contact** created in the "Creating an External Contact" section of this guide (e.g. "MLarchiver").
9. Click the **OK** button.

Mailbox Database 0433454830

general
► **maintenance**
limits
client settings

Journal recipient:
MLArchiver X Browse...

Maintenance schedule:
Midnight (AM) Noon (PM)

	12	2	4	6	8	10	12	2	4	6	8	10
Su												

10. Click the **Save** button. Journaling is enabled for the database.

11. Repeat steps 4 to 10 for the other mailbox databases.

Microsoft Exchange 2007-2013 using POP3 or IMAP

You can enable journaling on your Microsoft Exchange server so that it will send a copy of each sent and received email to any Exchange contact (mailbox) that you specify. To configure your Exchange server to send mail to the MLArchiver, you must create a contact in Exchange's address book that will accept a copy of each message. Once this contact exists, you can enable journaling by creating a "Journaling Rule" on your Exchange server.

Start by creating a new mail contact (mailbox user) such as . The username, password and email server address will be needed to configure your MLArchiver which is described in the second section of this guide.

Next, create a global Journaling Rule by following these steps:

1. Open the **Exchange Management Console**, expand **Organization Configuration**, click **Hub Transport**, and select **New Journaling Rule** in the **Actions** toolbox.
2. On the **New Journaling Rule** page, type a name in the **Rule name** field.
3. In the **Journal e-mail address** field, select the recipient that will get all the message traffic for this rule. This should be the contact you've created specifically to accept all mail to be archived for this Exchange server.
4. For the **Scope**, we can choose one of the available options. Your selection will determine which emails are archived:
 - **Global**: All messages (Internal and External)
 - **External**: Only messages to and from other mail servers.
 - **Internal**: Only internal messages
5. Do not check the box that says **Journal e-mail for recipient**.
6. Check the box that says **Enable Rule**.
7. Click the **New** button.

8. On the **Completion** page, the result of the rule creation will appear on the screen. Click **Finish**.

Then, journaling is easy as enabling POP3, POP3S, IMAP or IMAPS for that contact, and configuring the MLArchiver to retrieve the mail from that account over the same enabled protocol. To learn how to enable POP3 or IMAP for Microsoft Exchange, click [here](#):

- 5) At this point you should have messages journaling to your new mailbox on exchange. Please refer to **Configure MLArchiver for POP or IMAP** (section 2) in this guide to configure your MLArchiver to receive email traffic from your email server IMAP.

Additional Notes

For more information on journaling with Microsoft Exchange, you can visit Microsoft's website [here](#):

If you would like to secure the Journaling Mailbox on Exchange and prevent any spoofing or users sending to the Journal mailbox, follow the directions below:

1. Open the Exchange Management console and navigate to **Recipient Configuration > Mailbox**.
2. Right-click on the Journaling mailbox and choose **Properties** from the menu. This causes the console to display the mailbox's properties sheet.
3. Go to the properties sheet's **Mail Flow Settings** tab and select the **Message Delivery Restrictions** option. Then click the **Properties** button to display the **Message Delivery Restrictions** dialog box.
4. Exchange Powershell command: Set-Mailbox <Name of the journal mailbox> -AcceptMessagesOnlyFrom "Microsoft Exchange" -RequireSenderAuthenticationEnabled \$True

Microsoft Exchange 2016 using POP3 or IMAP

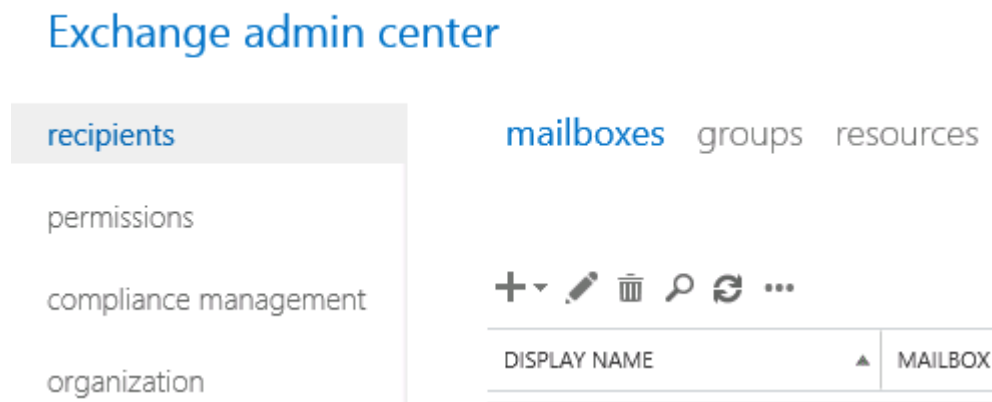
In this section we will go through the journaling process in Microsoft Exchange 2016. It has several differences with older Exchange versions. You can enable journaling on your Microsoft Exchange 2016 server so that it will send a copy of each sent and received email to any Exchange mailbox that you specify.

The following steps are required to enable POP3/IMAP journaling for MS Exchange 2016:

- Create an **Exchange Mailbox** to be the recipient of all journaled messages.
- **Enable POP3/IMAP** services for accessing journaled messages by the MLArchiver reader service.
- **Enable Journaling** - Enable journaling on your Exchange Server for each of the mailbox databases.

Creating a Mailbox in Exchange 2016

To create a mailbox in Exchange 2016:





1. Log in to the **Exchange Admin Center**.
2. Click on the **Recipients** menu item on the left of the page.
3. Click the **mailboxes** link at the top of the page.
4. Click the **+** icon to display a popup menu.
5. Click the **Mail Contact** menu item.

Complete the New Mail Contact dialog as follows:



Field / Option	Description
Alias	Enter an alias for the contact (e.g. journal)
Existing/New User	Select "New user"
First Name	Enter a first name for the journaling contact (e.g. MLarchiver).
Initials	This field is not required, and can be left blank.
Last Name	Enter a last name for the journaling contact (e.g. Journaling).
Display Name	These fields display a concatenation of the First Name and Last Name fields, and can be left with the default values. If the above examples are used, the display name is "MLArchiver Journaling".
Name	
Organizational unit	Choose the proper organizational unit in the Active Directory
User logon name	User name that will be used for logon process (e.g. journal)
New Password/Confirm Password	Enter the password for journaling mailbox

Enabling POP3 / IMAP services in Exchange 2016

Next you need to enable appropriate services using *Services* management tool from **Administrative Tools** . In case of IMAP4 approach, change *startup type* to *Automatic* and start *Microsoft Exchange IMAP4* and *IMAP4 Backend* services.

 Microsoft Exchange IMAP4	Provides Int...	Running	Automatic	Local System
 Microsoft Exchange IMAP4 Backend	Provides Int...	Running	Automatic	Network Service

For the POP3 approach follow the same procedure appropriately for *Microsoft Exchange POP3* and *POP3 Backend* services.

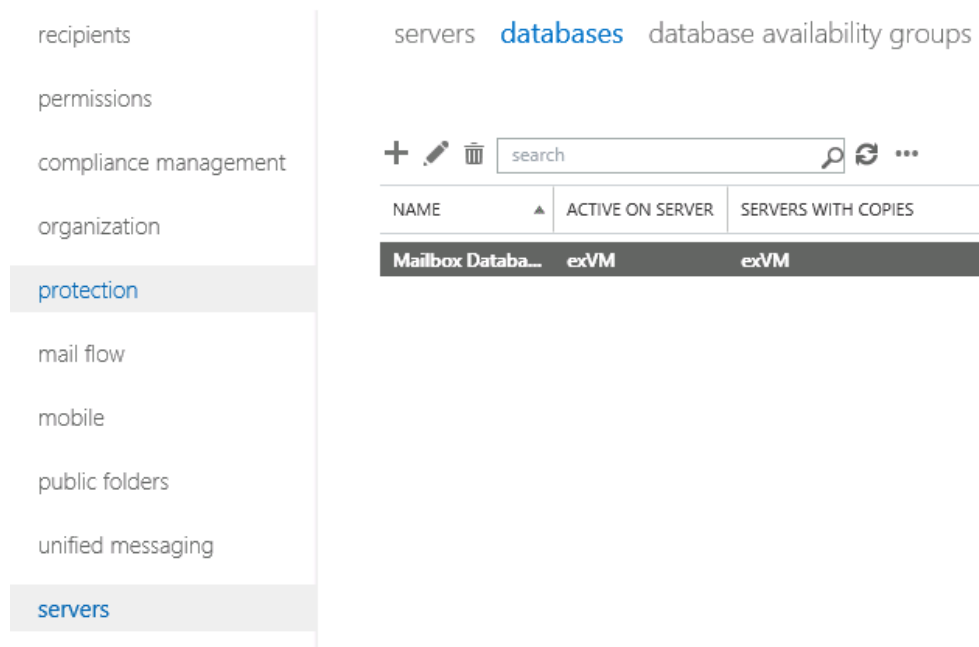
 Microsoft Exchange POP3	Provides Po...	Running	Automatic	Local System
 Microsoft Exchange POP3 Backend	Provides Po...	Running	Automatic	Network Service


Enabling Exchange 2016 Journaling

In order to enable journaling, follow next steps:

1. Log in to the **Exchange Admin Center**.
2. Click on the **Servers** menu item at the left of the page.
3. Click the **Databases** link at the top of the page.
4. Ensure the required **Database** is selected.

Exchange admin center



5. Click the  icon. The Database Properties are displayed.
6. Click on the **Maintenance** menu item on the left.
7. Click the **Browse** button. A list of Mailboxes is displayed.
8. Click on the **Mailbox** created in the "Creating a Mailbox" section of this guide (e.g. "Mlarchiver").

Mailbox Database 0433454830

general
► **maintenance**
limits
client settings

Journal recipient:

MLArchiver X Browse...

Maintenance schedule:

Midnight (AM)						Noon (PM)					
	12	2	4	6	8	10	12	2	4	6	8
Su											

9. Click the **OK** button.

10. Click the **Save** button. Journaling is enabled for the database.

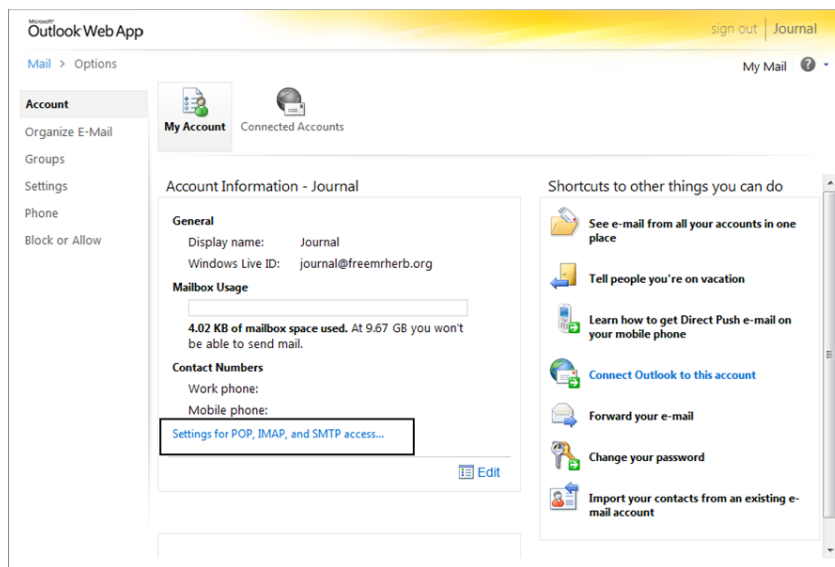
Repeat steps 4 to 10 for the other mailbox databases.

If you haven't configure Message Logic for using POP3 / IMAP, please refer to the **Configure MLArchiver for POP or IMAP** section of this document. We recommend to use secure protocols POP3S and IMAP4S when configuring the connector.

Microsoft Office 365 using IMAP

Configure Office 365 for archiving using IMAP using these steps:

1. Log in to your Office 365 Management Panel as the Administrator.
2. Create a User Mailbox; enter the User Mailbox, for example, type Journal or Archive Mailbox.
3. Login to Office 365 as the newly created user and specify the time zone settings.
4. From the Office 365 Management Panel, click **Settings for POP, IMAP and SMTP access**:



5. The **Protocol Settings** dialog box displays the details you must enter in the MLArchiver:

Journal

Use these settings to access your e-mail using POP, IMAP, or SMTP.

POP setting


Server name: pod51011.outlook.com
Port: 995
Encryption method: SSL

IMAP setting


Server name: example.outlook.com
Port: 993
Encryption method: SSL

SMTP setting

Server name: pod51011.outlook.com
Port: 587
Encryption method: TLS

 Close

6. Open another window and log in to the MLArchiver as the Administrator.
7. Navigate to the ADMINISTRATION/SYSTEM CONFIGURATION/MAILBOXES page. Enter the details from the Office 365 **Protocol Settings** dialog box.
- Click the green arrow on the top of the workspace to launch a configuration screen. (See below)
 - Complete the configuration with the mailbox information you created. The Host is the DNS or IP of your email server and we recommend an interval of 10 and to check off “Do Delete” to remove mail from the mailbox after it is verified as received by the archive.
 - Once completed select test to verify a connection between the archive and email server and mailbox. If it fails, please recheck the settings.

 **Message Logic**
Email Archiving | eDiscovery | Analytics

configuration - root user
[My Account](#) | [Sign Out](#) | [Help](#)

Search Analytics Hold Management Supervision Policies Administration Message Logic

Access Control History Operations Statistics System Configuration

Administration
Drag Droplet into table to Search.

Mailbox Referees +
Mailboxes +
Retention Policies +
Options +
System Options +

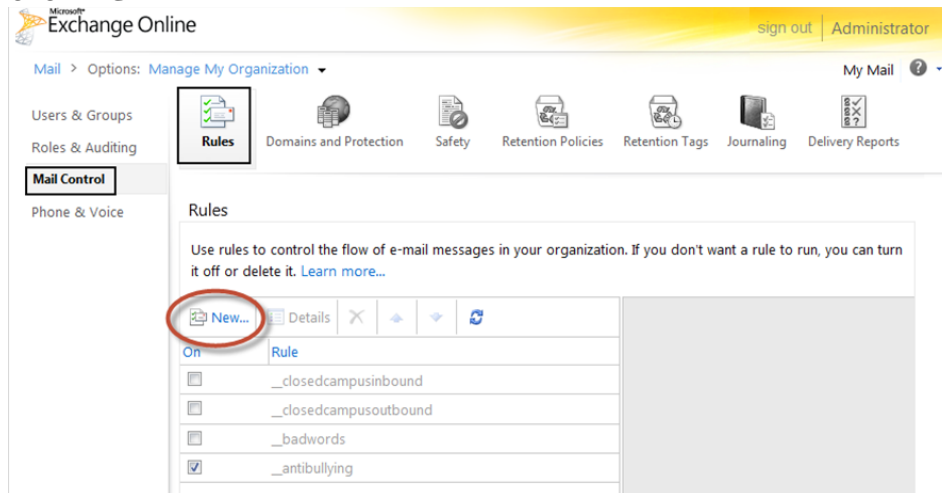
New Mailboxes

User:
Full name:
Password:
Confirm:
Host:
Port:
Protocol:
Format:
Interval:
Active: ☒
Do Delete: ☒

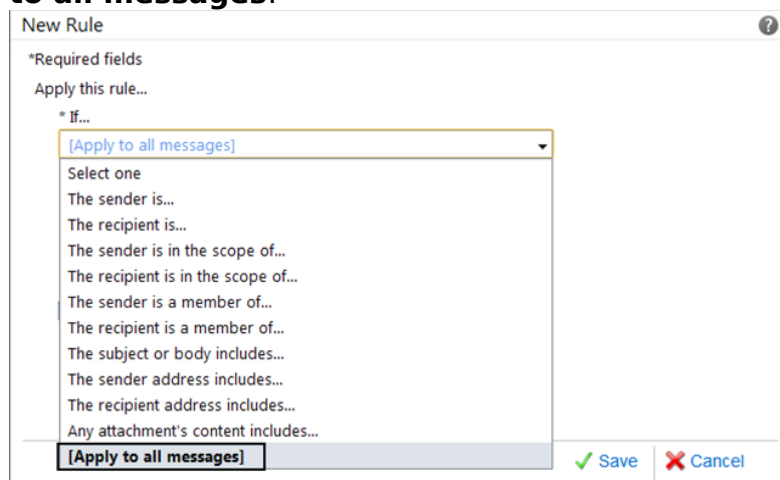
Save Cancel

Act	Name	Protocol	Host	Port	Interval	Del after read	Mag fmt	Del	Edt	Test
No	inboxer.test	Pop3			10	0	rfc822			
Yes	test@messagelogic.net	Pop3			10	0	rfc822			
No	Postfix mail source	Pop3			10	0	rfc822			
No	Test321	Pop3			10	0	rfc822			
No	Test User	Pop3			10	0	rfc822			

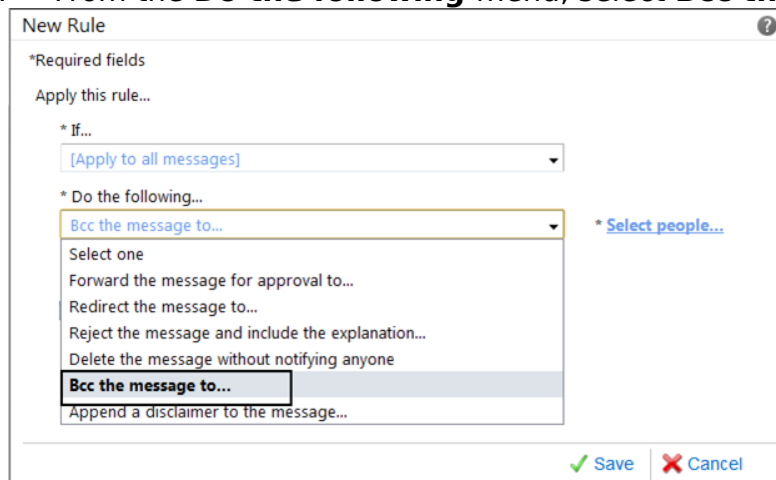
8. In the Office 365 Management Portal, click **Mail Control > Rules**, and then click **New**:



9. In the **New Rule** dialog box, from the **Apply this rule** menu, select **Apply to all messages**:



10. From the **Do the following** menu, select **Bcc the message to**:

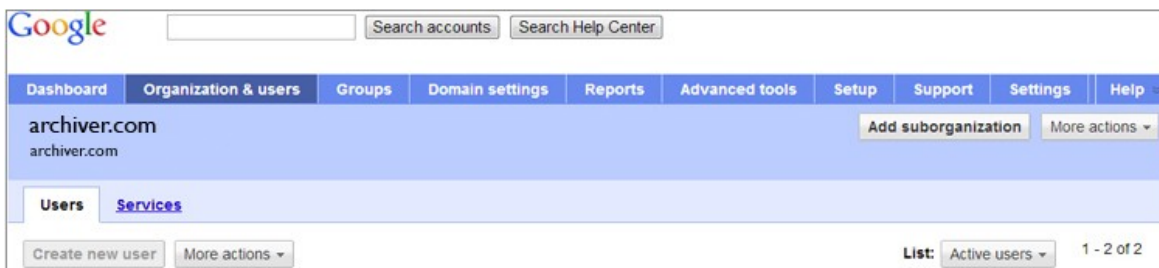


11. In the **Select Members** dialog box, select the Journal/Archive Mailbox you created in **Step 2**, click **Add**, and then click **OK**.
 12. In the dialog box, to the right of the **Do the following** menu, the selected Journal/Archive Mailbox name displays.
 13. In the **Name of rule** field, enter the rule name, for example, MLArchiver Rule:
 14. Click **Save**. In the **Warning** dialog box, click **Yes** to save the new rule.
- At this point you should have messages journaling to your new mailbox on ex-change. Please refer to **Configure MLArchiver for SMTP** (section 1) in this guide to configure your MLArchiver to receive email traffic from your email server.

Google Apps Professional (Business and Education) - IMAP or POP

Start by creating a new mailbox such as Use the following steps to create a mailbox which to archive all email.

1. Log into the Google Apps administrator control panel as the Administrator.
2. At the top of the page, click **Organization & users**:

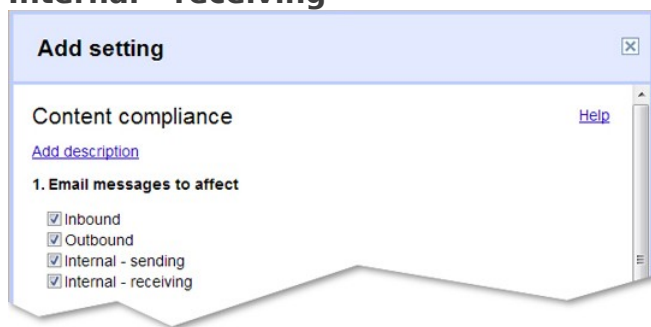


3. Click **Create a new user**. Enter the new user **First Name**, **Last Name**, and **Primary email address** in the appropriate fields.
4. Select the domain you want to journal mail.
5. Click **Set password** to set the initial password; enter the password twice. Note that Google requires the password to be at least eight characters in length.
6. Click **Create new user** to save your settings.

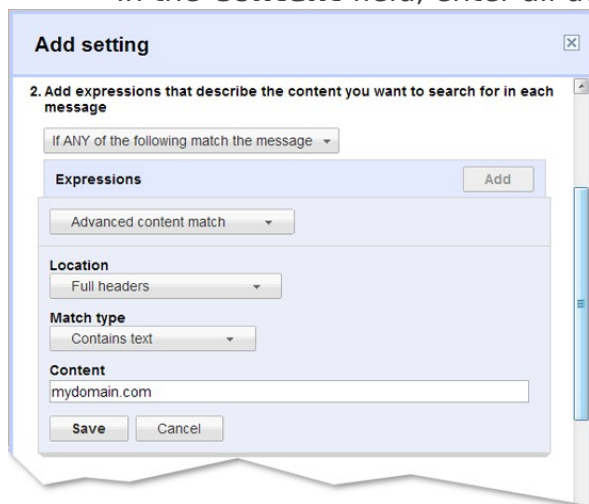
Add Email Settings

Use the following steps to configure email settings for the MLArchiver domain.


1. Sign into the Google Apps control panel as the Administrator.
2. From the menu at the top of the page, select *Settings*.
3. From the left-navigation menu, click **Email**, scroll down to **Content compliance**, and click **Configure**.
4. In the **Add setting** page, verify the check box is turned on for each of the following options to enforce content-based policies for inbound, outbound, and internal emails by matching one or more expressions to different areas of the email, e.g., body, header, and subject:
 - **Inbound**
 - **Outbound**
 - **Internal - sending**
 - **Internal - receiving**



5. In the **Add setting** dialog box, in step 2, select *If ANY of the following match the message*, and under **Expressions** click **Add**.
6. From the drop-down menu, select *Advanced content match*; the Advanced content options display. Select the following options:
 - From **Location** select *Full Headers*.
 - From **Match type** select *Contains text*.
 - In the **Content** field, enter all domain names you want to archive mail:



7. Click **Save**.
8. In the **Add setting** dialog box, in step 3, enter the following information:
 - Select *Modify message*.
 - Under **Also deliver to** turn on **Add more recipients**. Click **Add** and enter the email address of the Archive/Journal mailbox created in the section [Create an Archive/Journal Mailbox](#) including the domain.
 - Select the appropriate domain; select the primary journal mailbox unless you want to set up a mailbox and rule for each domain.
9. Click **Save**.
10. Step 4 (Optional). To bypass the settings in this dialog for messages received from specific addresses or domains, turn on step 4 **Options** and follow the instructions in the dialog box.
11. Click **Add Setting** when you are done.

 This rule can take up to 30 minutes to take affect and begin sending messages sent to the Archive Mailbox. Added or edited settings display highlighted in yellow-orange on the **Email** settings page.

Enable IMAP/POP in Google Apps

Use the following steps to enable IMAP/POP in the Archive Mailbox Settings.

1. Sign into the Google Apps administrator control panel as the Administrator.
2. From the menu at the top of the page, select *Settings*.
3. From the left-navigation menu, click **Email**, and click **General Settings**.
4. Scroll down to **POP and IMAP access**, and clear the check box for **Disable POP and IMAP access for all users** to enable IMAP/POP.
5. Click **Save changes**.

 It can take 15-30 minutes for global IMAP and POP changes to take effect.

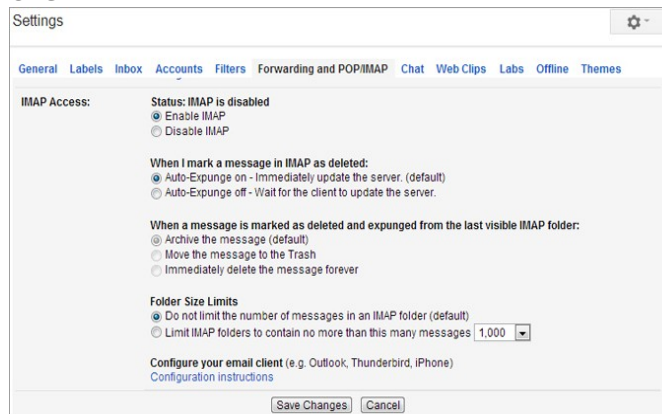
Enable IMAP/POP in Gmail

Each user must enable IMAP/POP in the Gmail settings under **Forwarding and POP/IMAP**.

To enable IMAP in Gmail:

1. Sign into Gmail.
2. Click the **gear icon** in the upper right, then select *Settings*.
3. Click **Forwarding and POP/IMAP** at the top of the page.

4. In the **IMAP Access** section, turn on *Enable IMAP*, and configure your IMAP client:



5. Click **Save Changes**.

i In Gmail it is not possible to enable IMAP while using the basic HTML interface. You must use the standard view to see this option.

To enable POP in Gmail:

1. Sign into Gmail.
2. Click the **gear icon** in the upper right, then select *Settings*.
3. Click **Forwarding and POP/IMAP** at the top of the page.
4. In the **POP Download** section, select *Enable POP for all mail* or *Enable POP for mail that arrives from now on*.
5. Choose what to do with your messages after your POP client or device receives them.
6. Configure your POP client, and then click **Save Changes**.

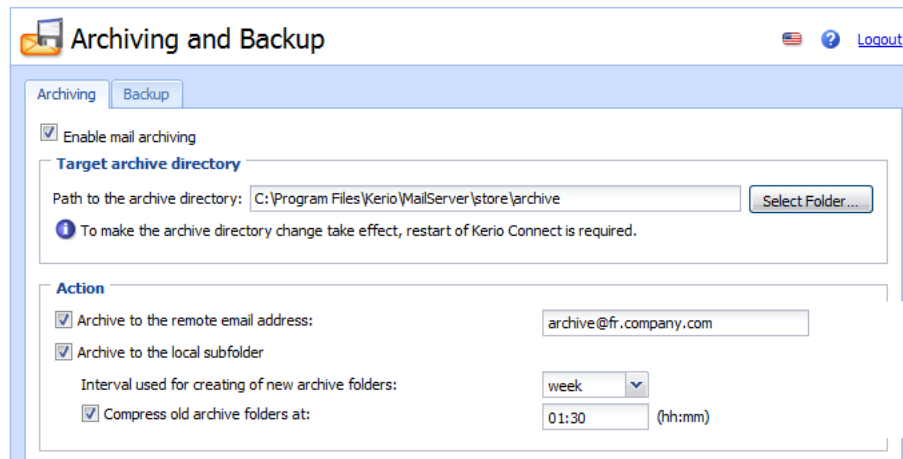
Google is now enabled and should be collecting all messages into the new mail account. Please refer to **Configure MLArchiver for POP or IMAP** (section 1) in this guide to configure your MLArchiver to receive email traffic from your email server.

Kerio using POP or IMAP

Start by creating a new local user mailbox on your Kerio system.

- a. mlarchive@xyzcompany.com (example)
 - b. Disable any spam rules or create a new rule for all spam to go into the Inbox. This will ensure that all of your messages go to the archive.
- 6) Go to your Administration Console to Archiving and Backup (Figure 1.0)
- c. Check off enable email archiving if not checked
 - d. Under Actions, check off Archive to the remote email address. In the field enter the new email address you created in step 1.
 - e. The other items can be left with their current settings on or off.
 - f. All incoming, outgoing or internal messages will be now forwarded to the new mailbox.
- 7) The archiving process can use POP3, PO3-Secure,IMAP4, or IMAP4-Secure as the transport process.
- g. In Configuration-Services please make sure the process you wish to use is turned on. (Figure 2.0)
- 8) Kerio is now enabled and should be collecting all messages into the new mail account. The final step is to configure your MLArchiver to pull messages from the new mailbox using POP or IMAP. Please refer to the second section of this guide: **Configure MLArchiver for POP or IMAP email.**

Figure 1.0

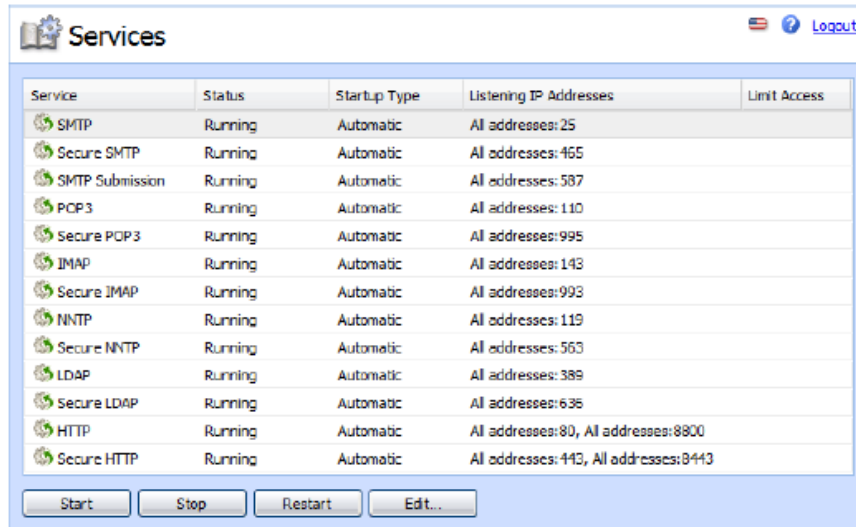


The screenshot shows the 'Archiving and Backup' configuration window. The 'Archiving' tab is selected. Under 'Enable mail archiving', the checkbox is checked. The 'Target archive directory' section shows the path 'C:\Program Files\Kerio\MailServer\store\archive' with a 'Select Folder...' button. A note indicates that a restart of Kerio Connect is required for changes to take effect. The 'Action' section has two checked options: 'Archive to the remote email address' (with the address 'archive@fr.company.com') and 'Archive to the local subfolder'. The 'Interval used for creating of new archive folders' is set to 'week'. The 'Compress old archive folders at:' checkbox is checked, with a time interval of '01:30' (hh:mm).

Figure 15.1. Archiving tab

Figure 2.0

In *Configuration* → *Services* the user can set which *Kerio Connect* services will be run and with which parameters. Use the *Start*, *Stop* and *Restart* buttons below the table to run, stop or restart appropriate service. The following services are available:



Service	Status	Startup Type	Listening IP Addresses	Limit Access
SMTP	Running	Automatic	All addresses:25	
Secure SMTP	Running	Automatic	All addresses:465	
SMTP Submission	Running	Automatic	All addresses:587	
POP3	Running	Automatic	All addresses:110	
Secure POP3	Running	Automatic	All addresses:995	
IMAP	Running	Automatic	All addresses:143	
Secure IMAP	Running	Automatic	All addresses:993	
NNTP	Running	Automatic	All addresses:119	
Secure NNTP	Running	Automatic	All addresses:563	
LDAP	Running	Automatic	All addresses:389	
Secure LDAP	Running	Automatic	All addresses:636	
HTTP	Running	Automatic	All addresses:80, All addresses:8800	
Secure HTTP	Running	Automatic	All addresses:443, All addresses:8443	

Start Stop Restart Edit...

Figure 6.1 Services

Notes/Domino Email Server

Mail Journaling

By default, after the Router processes a message, it does not retain a copy of the message. That is, after ServerA successfully sends a message to ServerB, the Router on ServerA deletes the message from its MAIL.BOX database. Likewise, when ServerB successfully transfers or delivers the message to the next server on the routing path, the Router on ServerB removes the message from its MAIL.BOX database.

To comply with laws or regulations that apply to your business, your organization may be required to save a copy of every message processed by the local mail system and permanently store or otherwise process the message copies. For example, government agencies such as the Securities and Exchange Commission (SEC) require a business to retain all messages related to the transactions they undertake.

Mail journaling enables administrators to capture a copy of specified messages that the Router processes by the Domino system. Journaling can capture all messages handled by the Router or only messages that meet specific defined criteria. When mail journaling is enabled, Domino examines messages as they pass through MAIL.BOX and saves copies of selected messages to a Domino Mail Journaling database (MAILJRN.NSF) for later retrieval and review. Mail journaling works in conjunction with mail rules, so that you create a journaling rule to specify the criteria for which messages to journal. For example, you can journal messages sent to or from specific people, groups, or domains. Before depositing messages in the Mail Journaling database, the Router encrypts them to ensure that only authorized persons can examine them. Journaling does not disrupt the normal routing of a message. After the Router copies a message to the Mail Journaling database, it continues to dispatch the message to its intended recipient.

Domino mail journaling differs from message archiving. Journaling works dynamically, making a copy of each message as it passes through MAIL.BOX to its destination and placing the copy in the Mail Journaling database. A copy of the message is retained, even if the recipient, or an agent acting on the recipient's mail file, deletes it immediately upon delivery. Archiving is used to reduce the size of an active mail file database by deleting messages from one location and moving them to an offline database, usually in another location, for long-term storage. Archiving acts on messages that have already been delivered. Journaling is performed automatically by the server; while archiving is a manual operation, performed by end users on their own mail files. End users can search for and retrieve messages from a mail file archive, but only an authorized administrator can examine a Mail Journaling database.

You can use Domino mail journaling in conjunction with third-party archiving programs to fulfill long-term storage needs.

To provide access to certain journaling routines, Domino implements several Extension Manager (EM) hooks. EM hooks enable an executable program library, such as a dynamic link library or shared object library, to register a callback routine that will be called before, after, or before and after Domino performs selected internal operations. Using EM hooks, developers can customize mail processing. For example, EM hooks to the Journaling task could be used in conjunction with a third-party archiving program to route certain messages directly to an archive center. For more information about Extension Manager, see the IBM Lotus C API Toolkit for Notes/Domino 6. The toolkit is available at .

Setting Up Mail Journaling

There are two steps to configure journaling:

- [Setting up the Mail Journaling database](#)
- [Specifying which messages to journal](#)

See also

[Setting up the Mail Journaling database](#)

[Controlling messaging](#)

[Setting server mail rules](#)

[Mail archiving and policies](#)

[http://www-](http://www-12.lotus.com/ldd/doc/domino_notes/6.5.1/help65_admin.nsf/b3266a3c17f9bb7085256b870069c0a9/ca5cb0a26cf70a5685256dff004b2012?OpenDocument)

[12.lotus.com/ldd/doc/domino_notes/6.5.1/help65_admin.nsf/b3266a3c17f9bb7085256b870069c0a9/ca5cb0a26cf70a5685256dff004b2012?OpenDocument](http://www-12.lotus.com/ldd/doc/domino_notes/6.5.1/help65_admin.nsf/b3266a3c17f9bb7085256b870069c0a9/ca5cb0a26cf70a5685256dff004b2012?OpenDocument)

Unix Mail Server

Set up an Archiving Mailbox

Step 1: Setup an Archiving Mailbox

Create a new user in your UNIX email server which will be a catch all account for archiving. This can be a unix system user or a user in a directory service. Assign an email address to the user, e.g. `archiving@mydomain.tld`

Step 2: Setting up archiving Rule

To have Postfix send a copy of all emails to this mailbox you need to the following line to the file `main.cf`

`Always_bcc =`

http://www.postfix.org/postconf.5.html#always_bcc

This will forward a copy of all inbound, outbound and internal messages to this address which will get picked up by MLArchiver every 10 seconds.

Step 3 - Configure MLArchiver

Please refer to the second section of this manual entitled: **Configure MLArchiver for POP or IMAP.**

Zimbra Mail Server

Set up an Archiving Mailbox

Step 1: Setup an Archiving Mailbox

Create a new user in Zimbra which will be a catch all account for archiving. This can be a unix system user or a user in a directory service. Assign an email address to the user, e.g. archiving@mydomain. tld

Step 2: Setting up archiving Rule

To have Postfix send a copy of all emails to this mailbox you need to the the following line to the file *main.cf*

Always_bcc =

This will forward a copy of all inbound, outbound and internal messages to this address which will get picked up by MLArchiver every 10 seconds.

Step 3 - Configure MLArchiver

Please refer to the second section of this manual entitled: **Configure MLArchiver for POP or IMAP.**

CommuniGate Pro Mail Server

Steps to follow

- 1) Create a new local user mailbox on your CommuniGate system.
 - a. MLarchiver@company name.com (example)
- 2) Log into CommuniGate Pro as the Administrator, and E-mail Queue Rules section, set the following conditions:
 - a. **Any Recipient**
 - b. **is not**
 - c. Enter *MLarchiver@company name.com (From Step 1)*
- 3) Set the action to take is:
 - a. **Mirror to**
 - b. Enter *MLarchiver@company name.com (From Step 1)*
 - c. All incoming, outgoing or internal messages will be now forwarded to the new mailbox.
- 4) The archiving process can use POP3, PO3-Secure,IMAP4, or IMAP4-Secure as the transport process.
 - a. Please make sure the process you wish to use is turned on.
- 5) CommuniGate Pro is now enabled and should be collecting all messages into the new mail account. The final step is to configure your MLArchiver to pull messages from the new mailbox using POP or IMAP. Please refer to the second section of this guide: **Configure MLArchiver for POP or IMAP.**