Zimbra Mail Server Deployment

https://campus.barracuda.com/doc/42045602/

> This article refers to the Barracuda Message Archiver version 5.0 and higher, and the Zimbra® Mail Server.

Use the following steps to configure Zimbra Mail Server for journaling to the Barracuda Message Archiver:

Step 1. Configure Zimbra

Use the following steps to configure Zimbra Mail Server for Journaling.

1. On the system running Zimbra, add the following line to the **/etc/hosts** file, replacing `127.0.0.1` with the IP address of your barracuda Message Archiver:
   `127.0.0.1 barracuda.company.com`
2. On the Zimbra Server, telnet to barracuda.company.com on port 25 to verify there is a clear line of connectivity between the two systems.
3. On the Zimbra Server, type the following command, replacing `company.com` with the domain name of your company:
   `zmarchiveconfig enable <journal@company.com> archive-address archive@barracuda.company.com archive-create false`

Step 2. Set up the Port Zimbra is bound to for Milters

> Zimbra v5 RC2 embeds a new version of postfix.

1. Execute the following command as the Zimbra user to verify and change the port that Zimbra is bound to for milters:
   ```
   zimbra@server:~$ zmprov gs server.example.com zimbraMilterBindPort
               #### (Shows the current port)
   zimbra@server:~$ zmprov ms server.example.com zimbraMilterBindAddress
   192.168.0.22    #### (replace 192.168.0.22 with ip address of Archiver server)
   zimbra@server:~$ zmprov ms server.example.com
   zimbraMilterBindPort 8092                    #### (Set the port to 8092)
   zimbra@server:~$ zmmtactl restart
                   #### (Reread the configuration)
   ```
2. Log in to the Zimbra Admin Console.

3. Go to **Server Settings > MTA**.
4. Turn on **Enable milter server**, and enter the IP address of the mail server in the associated field.
5. Click **Save**.

> There are reports that Zimbra overwrites the **main.cf** configuration upon service restart. To avoid this, mark **/opt/zimbra/postfix/conf/main.cf** as read-only. Note however, setting to read-only prevents any further changes. If you encounter problems when reverting the **main.cf** file or are unable to change anything, contact Barracuda Networks Technical Support.

If step 2 is successful, your deployment is complete. However, is step 2 is unsuccessful, you may have a version of Zimbra that does not embed a version of postfix that includes support for sendmail milters. In that case, complete the following steps:

1. Add the following to the **main.cf** file:
   `#vim /opt/zimbra/postfix/conf/main.cf ... ... sender_bcc_maps = hash:/opt/zimbra/postfix/conf/sender_bcc`
2. Add the following to the **/opt/zimbra/postfix/conf/sender_bcc** file:
   `#vim /opt/zimbra/postfix/conf/sender_bcc @company.com archive@barracuda.company.com`

   > Mail sent by all users of the *company.com* domain are now copied to the **archive@barracuda.company.com** mail account.
3. From Zimbra MTA, run telenet **barracuda.company.com 25**; **220 EHLO** should display.
4. Use the following command to restart Zimbra:
   `#cd /opt/zimbra/postfix-2.2.9`
   `#postmap sender_bcc`
   `#service zimbra restart`
5. You may need to update your **hosts** file to point barracuda.company.com to your Barracuda Message Archiver IP address.