Install and configure e-mail server

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What this exercise is about

The objective of this lab is to provide you with an understanding of installation and configuration of the hMailServer, an open source e-Mail server for Microsoft Windows.

What you should be able to do

At the end of this lab you should be able to:

- Install hMailServer
- Create users in hMailServer

Introduction

You will install the hMailServer and configure it to create users as a prerequisite for the e-Mail Adapter Inbound and Outbound labs.

Part 1: Install hMailServer

This part of the lab describes the steps for installing the hMailServer and then guides you with the configuration setup.

- 1. Go to the <u>http://www.hmailserver.com/?page=download</u> and download the latest stable binaries for the hMailServer onto your local machine. Double click on the downloaded **.exe** file to start the installation of the hMailServer. Depending upon the exe file that you install, there might be some changes in the screens if you are using different/later version of hMailServer.
 - Image: Setup hMailServer

 Welcome to the hMailServer

 Setup Wizard

 This will install hMailServer 4.2.1-8197 on your computer.

 It is recommended that you close all other applications before continuing.

 Click Next to continue, or Cancel to exit Setup.
- _____2. Follow the instructions on the Welcome screen and click Next

3. Accept the default value for the destination installation location and click Next

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🖥 Setup - hMailServer 📃 🔍 🗙
Select Destination Location Where should hMailServer be installed?
Setup will install hMailServer into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\hMailServer Browse
At least 0.7 MB of free disk space is required.
< <u>B</u> ack <u>N</u> ext > Cancel

_ 4. Ensure that the **Full Installation** is selected and the **Server** and **Administrative tools** components are checked for installation and click **Next**

👘 Set	up - hMailServer		
Se	lect Components Which components should be installed?		
	Select the components you want to install; cle- install. Click Next when you are ready to contir	ar the components you do not wan nue.	it to
	Full installation		•
	Server		6.1 MB
	Administrative tools		7.3 MB
	Current selection requires at least 11.0 MB of o	disk space.	
hMailS≀	rver -	< <u>B</u> ack <u>N</u> ext >	Cancel

5. Make sure that the radio button next to Use built-in MYSQL database server (recommended) is selected and click Next

7 Setup - hMailServer	
Select database server type Database type	
 Use built-in MySQL database s Use external database server 	erver (recommended)
hMailServer	< <u>B</u> ack <u>N</u> ext > Cancel

6. Click **Next** on the following screen to accept the default start menu folder

🖶 Setup - hMailServer 📃 🚺 🔪	<
Select Start Menu Folder Where should Setup place the program's shortcuts?	5
Setup will create the program's shortcuts in the following Start Menu folder.	
To continue, click Next. If you would like to select a different folder, click Browse.	
hMailServer Browse	
hMailServer	_
< <u>B</u> ack <u>N</u> ext > Cancel	

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_____7. Verify and click **Finish** on the summary screen. The installation takes less than a minute depending upon the system resources

🖶 Setup - hMailServer	
Ready to Install Setup is now ready to begin installing hMailServer on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change any settings.	
Destination location: C:\Program Files\hMailServer	<u> </u>
Setup type: Full installation	
Selected components: Server Administrative tools	
Start Menu folder: hMailServer	T
	•
<pre>nmanberver < Back [install]</pre>	Cancel

8. Ensure that the check box next to Run hMailServer Administrator is selected and click Finish to exit the setup



Part 2: Configure hMailServer

- 1. Select Start > Programs > hMailServer > hMailServer Administrator to open Administrator-Connect window. If you have checked the box Run hMailServer Administrator in the previous step, you can skip this step
- 2. Ensure that the Host name **localhost** is selected and click **Connect.** If you don't see it already listed, click Add and enter **localhost** for the Name field

🖳 hMailServer Administrator - Connect	×
Connect	
Host name	Add
localhost	Edit
	Delete
Automatically connect on start-up	
<u>C</u> onnect Cancel	

The hMailServer Administrator window will be opened.

🕻 hMailServer Administrator		_ 🗆 🗡
File Help		
Welcome	Welcome	
Domains Rules	Getting started	
E, Settings E	Add domain	

- _____ 3. Click on the Add domain... button and the Domain screen will be opened
- 4. Enter your machine name for the **Domain name** and click **Save**

You will now see the domain listed created under Domains in the left pane window

💥 hMailServer Administrator		
File	Help	
- e- (🔰 Welcome	
	🔰 Status	
÷(Domains	
6	🗄 👚 aimcp3x4.rchland.ibm.com	
	- 📖 Accounts	
	- 📖 Aliases	
	📖 📖 Distribution lists	
	Rules	
÷)	< Settings	
÷,	Y Utilities	

- 5. Click on the Add account... button from the right side window, Account: @<domain name> will be opened in your right side of the window
- 6. Enter the following under General tab:
 - a. Account address: Emailuser1
 - b. Password: password1
 - c. Maximum size (MB): 5

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💥 hMailServer Administrator		_ 🗆 🗙
File Help		
Welcome Status	Account: @aimcp3x4.rchland.ibm.com	
Domains	General Active Directory Auto-reply Rules External accounts	
Aliases Distribution lists Rules Certification Aliases Distribution lists Rules Certification Certifica	Account address Emailuser1 @ aimcp3x4.rchland.ibm.co Password ******	
	Size (MB) Maximum size (MB)	
	Administration level User	

_____7. Click Save at the bottom

You will now see the account created under **Domains > your domain > Accounts** as shown below:

💥 hMailServer Administrator
File Help
🛁 🕤 Status
🚊 🧑 Domains
📄 👚 👚 aimcp3x4.rchland.ibm.com
🖻 🧀 Accounts
🔜 🤮 Emailuser1@aimcp3x4.rchland.ibm.com
🦳 🧀 Aliases
📖 🔔 Distribution lists
Rules
🗄 🕂 🔀 Settings
🗄 🕁 🔶 Utilities

- 8. Create another user
 - d. Select **Domains > your_domain** on the left. The Domain window will be opened on to your right side. Click on **Add account...**

🔀 hMailServer Administrator		_ [] >
File Help		
Welcome Status Domains Accounts Accounts Accounts Aliases Distribution lists Rules Children Rules Children Childre	Domain General Names Domain name aimcp3x4.rchland.ibm.com Catch-all address Max message size (KB)	
	0 ✓ Active Add account Add alias Add distribution list.	

- e. Enter the following under General tab of Account: @<your_domain> window:
 - i. Account address: Emailuser2
 - ii. Password: **password2**
 - iii. Maximum size (MB): 5
- f. Click Save at the bottom
- g. Repeat the above step and create two more user accounts: Emailuser3, Emailuser4

You will now see the four user accounts as shown below:

💥 hMailServer Administrator	
File Help	
Welcome Status Domains micro 3x4.rchland.ibm.com Accounts Mainuser1@aimcp3x4.rchland.ibm.com Micro 4 Emailuser2@aimcp3x4.rchland.ibm.com Micro 4 Emailuser3@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Emailuser4@aimcp3x4.rchland.ibm.com Micro 4 Micro 4 M	

- 9. Select Settings > Protocols > SMTP on the left pane to open SMTP window on the right side
- 10. Select the **Delivery of e-mail** tab and see that the **TCP Port** is 25 (25 by default). If that port number is already being used, then give some other unused port number and give the same for the SMTP Port in the **Advanced** tab of SMTP window
- _____ 11. Enter **localhost** for **Host name** field
- _____ 12. Select the check box next to **Server requires authentication** and enter the following:
 - h. User name: <user>@<domain_name>(Ex: Emailuser1@aimcp3x4.rchland.ibm.com)
 - i. Password: password for the user account (Ex: password1)

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File Help Welcome Status Domains image: aimcp3x4.rchland.ibm.com image: aimcp3x4.rchland.ibm.co
Welcome Status Domains implicit and a lim.com Emailuser 1@aimcp3x4.rchland.ibm.com Emailuser 2@aimcp3x4.rchland.ibm.com Rules Settings Protocols Former Emailuser 1@aimcp3x4.rchland.ibm.com Enailuser 2@aimcp3x4.rchland.ibm.com Mumber of retries Minutes between every retry 4 60 Host name Ibcrimer Image: Settings Protocols Emailuser 1@aimcp3x4.rchland.ibm.cor PopP3 Image: Logging Advanced Image: Logging Image: Log
<u>Save</u>

- _____ 13. Click **Save** at the bottom
- 14. Select **Settings > Protocols > POP3** on the left pane and ensure that you use the unused port number for the **POP3 Port** if the default port number **110** is already being used

💥 hMailServer Administrator	
File Help	
Welcome Status Domains Accounts Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Carlow Mainep3x4.rchland.ibm.com Mainep3x4.rchland.i	POP3 TCP Port POP3 Port T10 Connections Maximum number of simultaneous connections (0 for unlimited) 0 Other Welcome message

15. Select Settings > Protocols > IMAP and ensure that you use the unused port number for the IMAP port if the default port number 143 is already being used

IMAP ICP Port IMAP port 143 Dther Welcome message

_____ 16. Finally hit the **Exit** button to close the **Administrator** window

What you did in this exercise

In this lab, you installed the hMailServer and created four users as a prerequisite for the e-Mail Adapter Inbound and Outbound labs.

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