Install and configure e-mail server and client

What this exercise is about	1
What you should be able to do	1
Introduction	1
Part 1: Install hMailServer	2
Part 2: Configure hMailServer	7
Part 3: Configure Mozilla Thunderbird e-mail client	12
What you did in this exercise	.16

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. Then it will guide you though the installation and configuration of the e-mail client server, Mozilla Thunderbird

What you should be able to do

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

- Install hMailServer
- Create users in hMailServer
- Install and Configure Mozilla Thunderbird e-mail client

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 http://www.hmailserver.com/?page=download and download the latest stable binaries for the hMailServer onto your local machine. Double click the downloaded **.exe** file to start the installation of the hMailServer
- 2. Follow the instructions on the Welcome screen and click **Next**



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

🕵 Setup - hMailServer	
Select Destination Location Where should hMailServer be installed?	
Setup will install hMailServer into the follo	owing folder.
To continue, click Next. If you would like to select	t a different folder, click Browse.
C:\Program Files\hMailServer	Browse
At least 0.7 MB of free disk space is required.	
hMailServer	< <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**

7 Setup - hMailServer		X
Select Components Which components should be installed?	J.	3
Select the components you want to install; o install. Click Next when you are ready to cor	lear the components you do not want to ntinue.	
Full installation		
Server	8.8 MB	
Administrative tools	8.5 MB	
Current selection requires at least 13.9 MB o	if disk space.	
hMatberver	< <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 se Use external database server 	rver (recommended)
hMailServer ——————————————————————————————————	< <u>B</u> ack <u>N</u> ext > Cancel

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

🖶 Setup - hMailServer	_ 🗆 🗙
Select Start Menu Folder Where should Setup place the program's shortcuts?	
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	
<pre>rimaliperver < Back Next > 0 </pre>	Cancel

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.	n
Destination location: C:\Program Files\hMailServer	<u> </u>
Setup type: Full installation	
Selected components: Server Administrative tools	
Start Menu folder: hMailServer	Ŧ
<u>.</u>	
hMailServer	Cancel

8. Enter any password for the administration rights in this screen

🖥 Setup - hMailServer 📃 🖂 🔀
hMailServer Security Specify main password
The installation program will now create a hMailServer user with administration rights. Please enter a password below. You will need this password to be able to manage your hMailServer installation, so please remember it.
Password:
•••••
Confirm password:
•••••
hMailServer
Next >

9. 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 not already open)
- 2. Ensure that the Host name **localhost** is selected and click **Connect.** If you do not see it already listed, click Add and enter **localhost** for the Name field

🖳 hMailServer Admii	nistrator - Connect	×
Connect		
Host name	User name	Add
localhost	Administrator	
		Edit
		Delete
Automatically conne	ct on start-up	
		Cancel

__ 3. From Enter password window, enter the administration password given in step 8 of Part1 and click OK

Enter password			
hMailServer administration password			

	ОК	Cancel	

The hMailServer Administrator window is opened.

🔆 hMailServer Administrator		<	
File Help	File Help		
Status	Welcome		
Domains Rules	Getting started		
⊡…X Settings ⊡…☆ Utilities	Add domain		

4. Click the **Add domain...** button and the Domain screen is opened

5. Enter your machine name for the **Domain name** and click **Save**

Domain				
General Names	Signature	Limits	Advanced	
Domain name	ibm.com			
Catch-all address	ioni.com			
	@			
🔽 Active				

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

💥 hMailServer Administrator - [localhos		
File Help		
🛁 🌍 Welcome		
🚊 🧐 Domains		
🖻 👚 aimcp101.austin.ibm.com		
🦾 Accounts		
🣖 Aliases		
📖 🧔 Distribution lists		
Rules		
🗄 📉 📉 Settings		
🗄 🔶 🚖 Utilities		

6. Click the Add account... button from the right side window, Account: @<domain name> is opened in your right side of the window

- 7. Enter these under General tab:
 - ____a. Account address: Emailuser1
 - ____b. Password: password1
 - ____ c. Maximum size (MB): 5

Account: @aimcp101.au	stin.ibm.com
General Active Directory	Auto-reply Rules External accounts Forwarding Signature
Account address	
Emailuser1 @	aimcp101.austin.ibm.com
Password << ENCRYPTED >>	
Size (MB)	Maximum size (MB) 5
Administration level	Last logon time
Active	

____ d. Click Save at the bottom

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



- _____ 8. Create another user, Emailuser2
 - ____a. Expand **Domains > your_domain**

____b. Right-click Accounts and select Add from the pop-up menu.

Domains	:in.ibm.com
🥂 Emailı	<u>A</u> dd
🦳 🔔 Aliases	Delete
	Add AD account

- ____ c. Enter these under General tab of Account: @<your_domain> window:
 - 1) Account address: Emailuser2
 - 2) Password: password2
 - 3) Maximum size (MB): 5
- ____ d. Click **Save** at the bottom
- ____e. Repeat the above step and create two more user accounts: Emailuser3, Emailuser4

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



- 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 these:
 - ____a. User name: <user>@<domain_name> (Ex: Emailuser1@aimcp101.rchland.ibm.com)
 - ____b. Password: **password** for the user account (Ex: password1)

13. Click Save at the bottom

_____ 14. Select **Settings > TCP/IP ports** on the left pane and note the port numbers used for different protocols. You need to change these port numbers if they have already been used by some other application.

T	CP/IP ports	
	Protocol	TCP Port
	SMTP	25
	POP3	110
	IMAP	143

15. Finally hit the Exit button to close the Administrator window

Part 3: Configure Mozilla Thunderbird e-mail client

- Download and install the Thunderbird e-mail client <u>http://www.mozilla.com/en-US/thunderbird/</u> based on Mozilla code
- 2. Select Start > Programs > Mozilla Thunderbird > Mozilla Thunderbird to start the client
- 3. From Default Client window, **uncheck** the box for Always perform check when starting Thunderbird and click **OK**
- _____4. From the main menu, select File > New > Account. This will open an Account Wizard
- 5. Select the box next to Email account and click Next

New Account Setup
In order to receive messages, you first need to set up a Mail or Newsgroup account.
This Wizard will collect the information necessary to set up a Mail or Newsgroup account. If you do not know the information requested, please contact your System Administrator or Internet Service Provider.
Select the type of account you would like to set up:
Email account
C RSS News & Blogs
🔘 Gmail
O Newsgroup account

- ____ 6. From the Identity screen, enter these:
 - ___a. Your Name: Emailuser1@aimpc101.austin.ibm.com
 - ___ b. Email Address: Emailuser1@aimcp101.austin.ibm.com

Each account has an identity, which is the information that identifies you to others when they receive your messages.

Enter the name you would like to appear in the "From" field of your outgoing messages (for example, "John Smith").

<u>Y</u> our Name:	E
--------------------	---

mailuser1@aimcp101.austin.ibm.com

Enter your email address. This is the address others will use to send email to you (for example, "user@example.net").

Email Address: Emailuser1@a

Emailuser1@aimcp101.austin.ibm.com

___ c. Click Next

- 7. From the Server Information screen, enter these:
 - ____a. Ensure that **POP** is selected
 - ____b. Incoming Server: aimcp101.austin.ibm.com
 - ____ c. Uncheck the box next to Use Global Index
 - ____d. Outgoing server: aimcp101.austin.ibm.com

 Select the type of incoming server you are using.

 ● POP
 ● IMAP

 Enter the name of your incoming server (for example, "mail.example.net").

 Incoming Server:
 aimcp101.austin.ibm.com

 Uncheck this checkbox to store mail for this account in its own directory. That will make this account appear as a top-level account. Otherwise, it will be part of the Local Folders Global Inbox account.

 □
 Use Global Inbox (store mail in Local Folders)

 Enter the name of your outgoing server (SMTP) (for example, "smtp.example.net").

 Outgoing Server:
 aimcp101.austin.ibm.com

___e. Click Next

____8. From the User Names screen, enter <u>Emailuser1@aimcp101.austin.ibm.com</u> for Incoming User Name and click **Next**

Enter the incoming user name given to you by your email provider (for example, "jsmith").
Incoming User Name: Emailuser1@aimcp101.austin.ibm.com

9. For Account Name, enter <u>Emailuser1@aimcp101.austin.ibm.com</u>

Enter the name by w	hich you would like to refer to this account (for
example, "Work Acco	ount", "Home Account" or "News Account").
Account Name:	Emailuser1@aimcp101.austin.ibm.com

____ 10. Review the summary and click **Finish**

11. Enter the password for user Emailuser1 for the pop-up window and check the option at the bottom to remember the password so that you do not have to enter every time:

Enter yo	ur password: 🔀
3	Enter your password for Emailuser1@aimcp101.austin.ibm.com on aimcp101.austin.ibm.com:

	Use Password Manager to remember this password.
	OK Cancel

- _____12. The Inbox for the Emailuser1 is opened
- _____ 13. Similarly add one more user account, Emailuser2@aimcp101.austin.ibm.com

🗉 🔄 Local Folders
🖃 🖂 Emailuser1@aimcp101.austin.ibm.com
Inbox
🔤 🗍 Trash
🖃 🖂 Emailuser2@aimcp101.austin.ibm.com
- 🧁 Inbox
🔤 🗍 Trash

- _____14. Ensure that you have the right outgoing server:
 - ____a. From the main menu, select Edit > Properties for the created users or the client itself.
 - ____b. From the left pane, select Outgoing Server (SMTP) at the bottom
 - ____ c. Ensure that the table lists Emailuser1

Account Settings		×
Emailuser1@aimcp101.aus	Outgoing Server (SMTP) Settings	
Copies & Folders Composition & Addressing Disk Space	Although you can specify more than one outgoing server (SMTP), t recommended for advanced users. Setting up multiple SMTP server errors when sending messages.	his is only s can cause
Junk Settings	Emailuser1@aimcp101.austin.ibm.com - aimcp101.austin.ib]	A <u>d</u> d
Return Receipts		<u>E</u> dit
Local Folders		Re <u>m</u> ove
-Disk Space		Se <u>t</u> Default
Outgoing Server (SMTP)	Description: <not specified=""> Server Name: aimcp101.austin.ibm.com Port: 25 User Name: Emailuser1@aimcp101.austin.ibm.com Secure Connection: None</not>	

Note: If the default user is not Emailuser1 or no user is defined here, click Edit/Add and then enter these:

Description:	
<u>S</u> erver Name:	aimcp101.austin.ibm.com
Port:	25 Default: 25
User Na <u>m</u>	a: Emailuser1@aimcp101.austin.ibm.c
Use secure con	nection:
• No	C TLS, if available C TLS C SS

What you did in this exercise

In this lab, you installed the hMailServer and created four users. Then you continued to install and configure the Mozilla Thunderbird client as a prerequisite for the E-Mail Adapter Inbound and Outbound labs.