Install and configure e-mail server

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 http://www.hmailserver.com/?page=download 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.

____ 2.   Follow the instructions on the Welcome screen and click **Next**

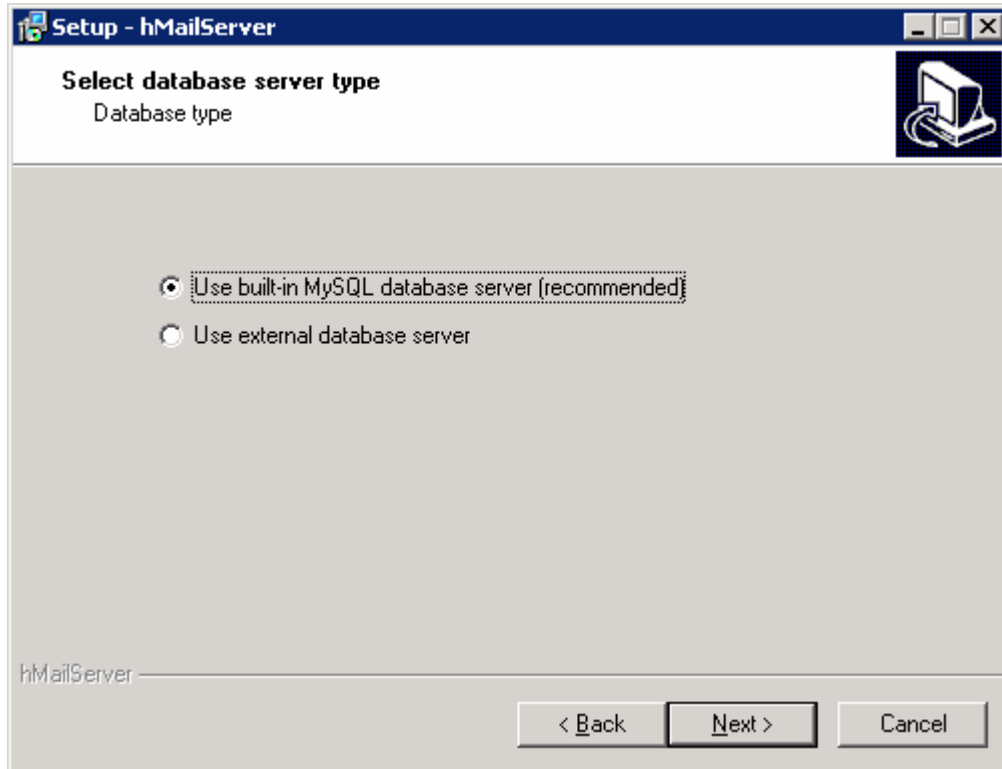____ 3.   Accept the default value for the destination installation location and click **Next**
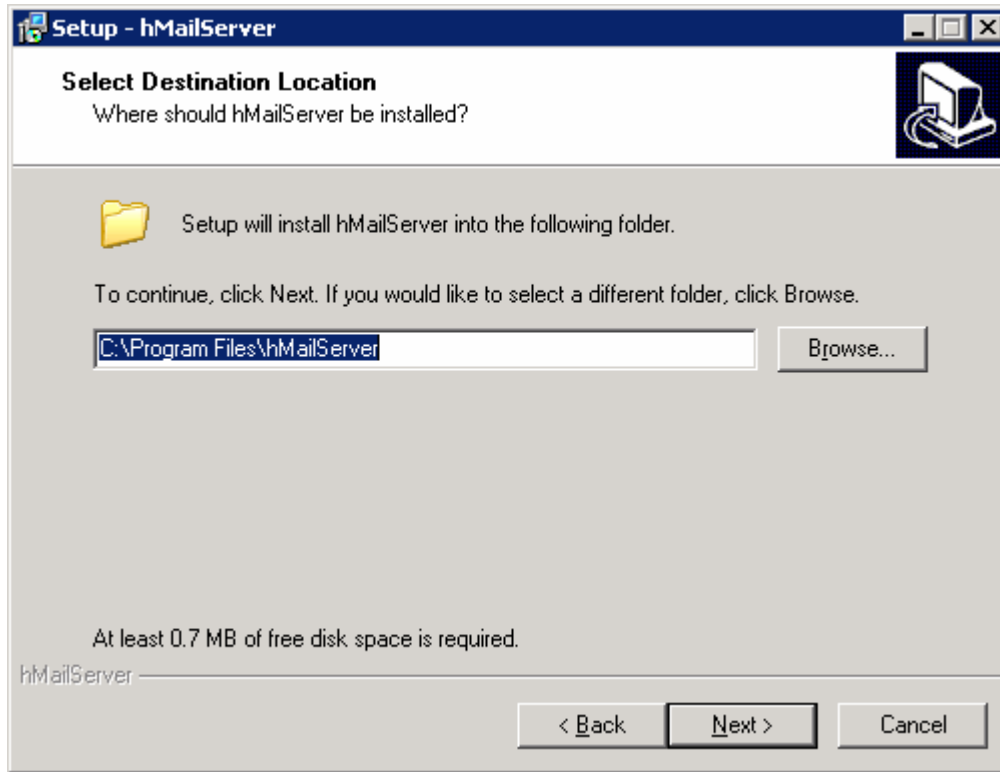
____ 4. Ensure that the **Full Installation** is selected and the **Server** and **Administrative tools** components are checked for installation and click **Next**
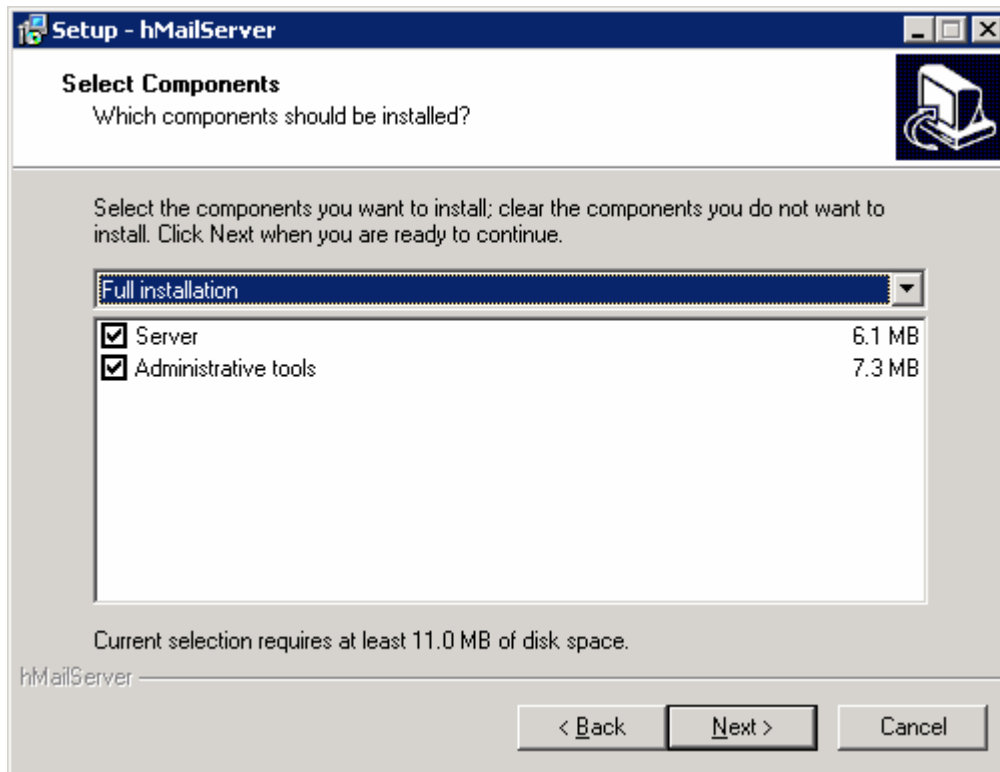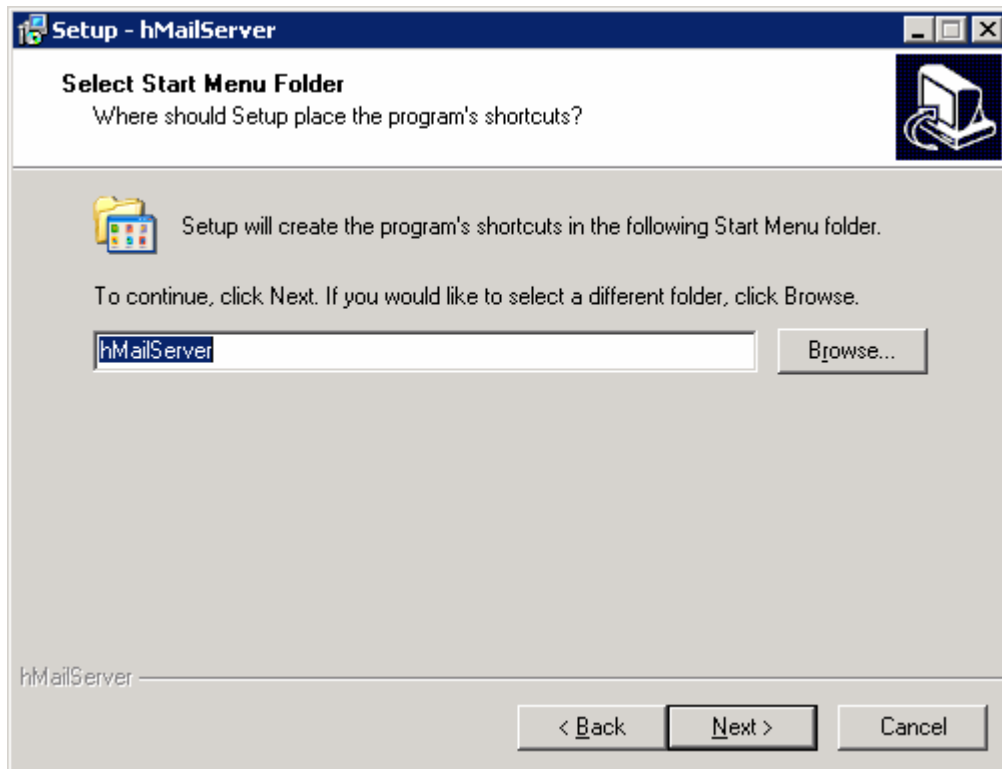
____ 5. Make sure that the radio button next to **Use built-in MYSQL database server (recommended)** is selected and click **Next**

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┌─────────────────────────────────────────────────────────────┐
│ 📦 Setup - hMailServer                          _ □ ✕         │
├─────────────────────────────────────────────────────────────┤
│  Select database server type                        🖥️        │
│     Database type                                            │
│                                                              │
│                                                              │
│         ⦿ Use built-in MySQL database server (recommended)   │
│                                                              │
│         ○ Use external database server                       │
│                                                              │
│                                                              │
│                                                              │
│                                                              │
│  hMailServer                                                 │
│                          < Back      Next >      Cancel      │
└─────────────────────────────────────────────────────────────┘
```

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

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┌─────────────────────────────────────────────────────────────┐
│ 📦 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...      │
│                                                              │
│                                                              │
│                                                              │
│                                                              │
│  hMailServer                                                 │
│                          < Back      Next >      Cancel      │
└─────────────────────────────────────────────────────────────┘
```

____ 7. Verify and click **Finish** on the summary screen. The installation takes less than a minute depending upon the system resources
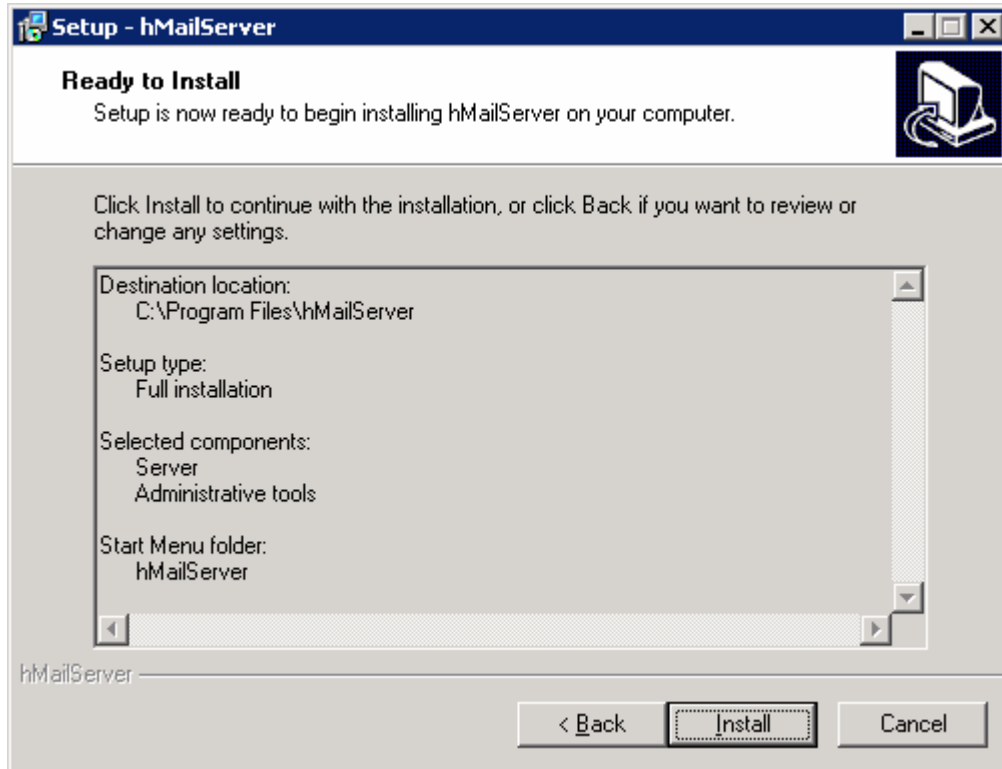

____ 8. Ensure that the check box next to **Run hMailServer Administrator** is selected and click **Finish** to exit the setup

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
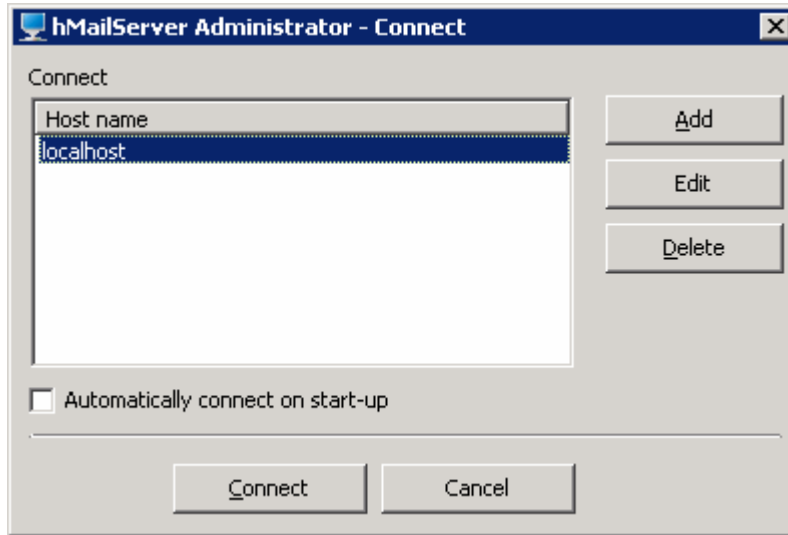
The hMailServer Administrator window will be opened.
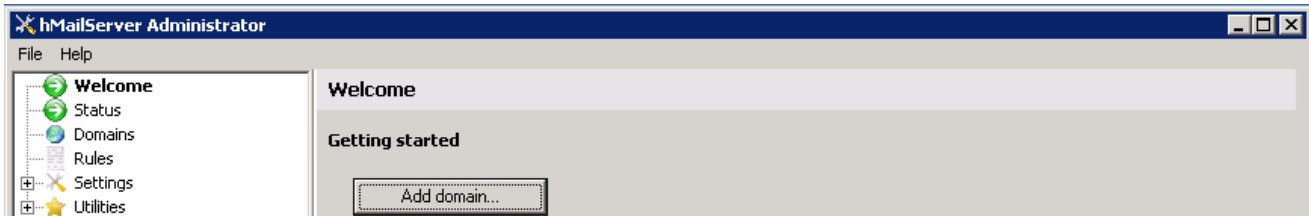
_____ 3.   Click on the **Add domain…** button and the Domain screen will be opened

_____ 4.   Enter your machine name for the **Domain name** and click **Save**
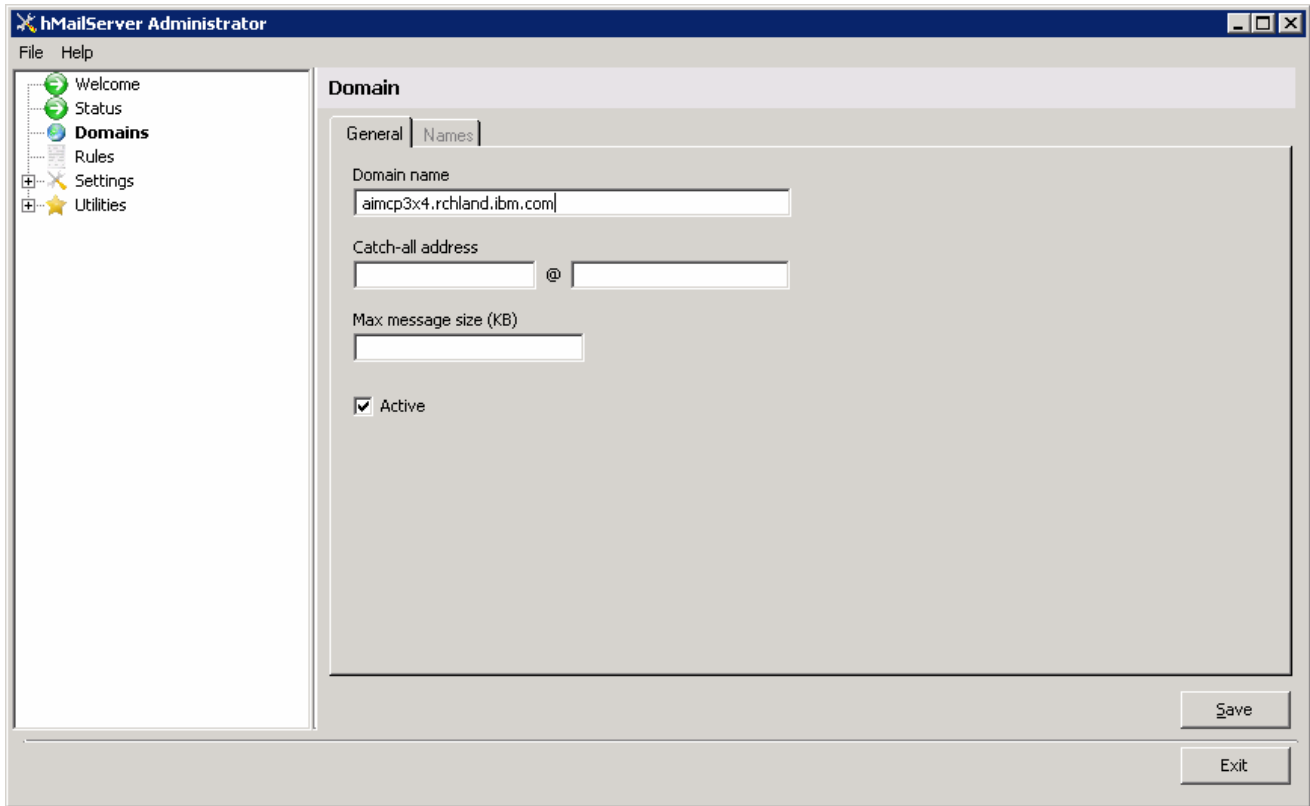
You will now see the domain listed created under Domains in the left pane window
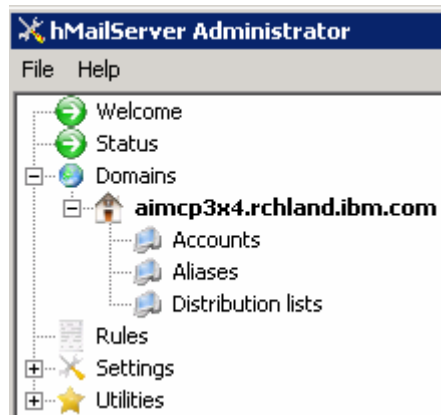
_____ 5.   Click on the **Add account…** button from the right side window, **Account: @<domain name>** will be opened in your right side of the window

_____ 6.   Enter the following under General tab:

      a.   Account address: **Emailuser1**

      b.   Password: **password1**

      c.   Maximum size (MB): **5**

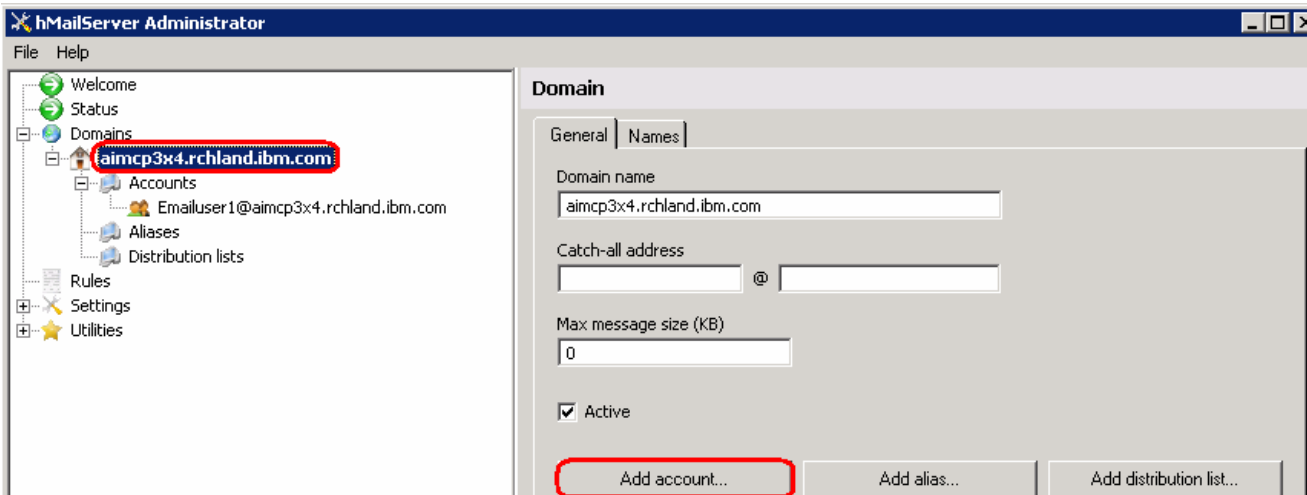IBM WEBSPHERE ADAPTER 6.0.2 – LAB EXERCISE – **IBM CONFIDENTIAL**
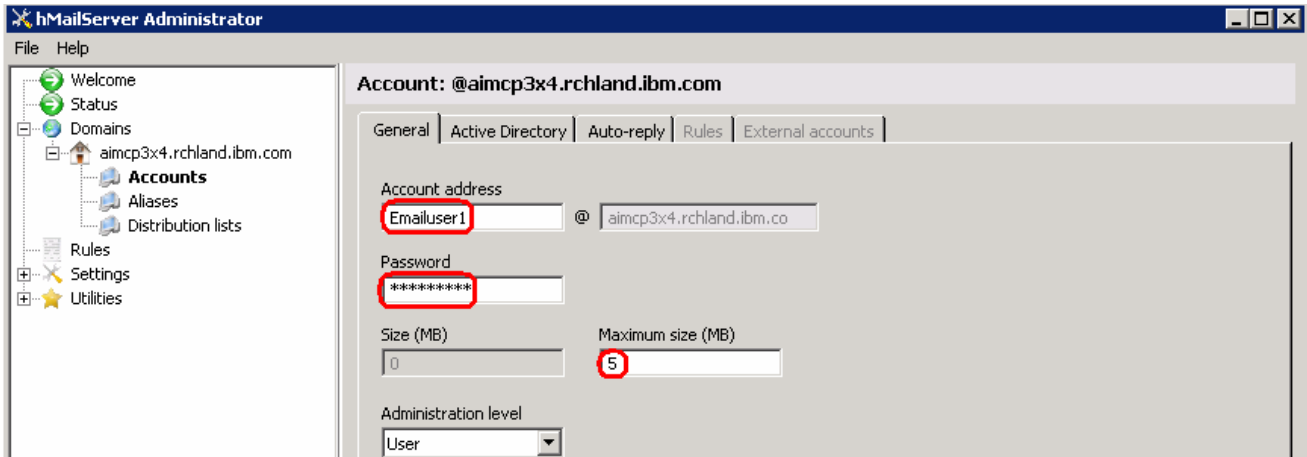
____ 7.   Click **Save** at the bottom

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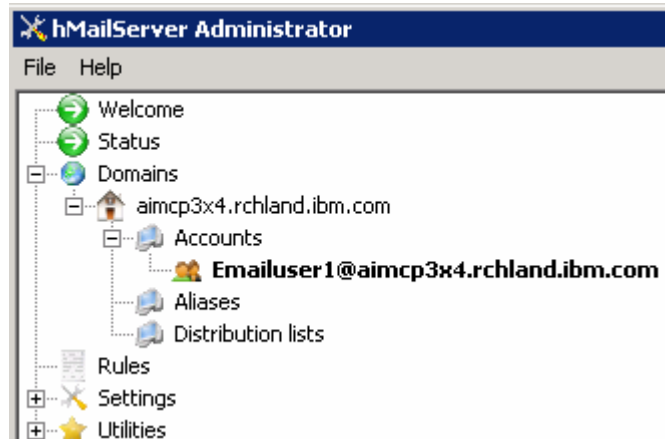

____ 8.   Create another user

d.   Select **Domains > your_domain** on the left. The Domain window will be opened on to your right side. Click on **Add account…**.

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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:
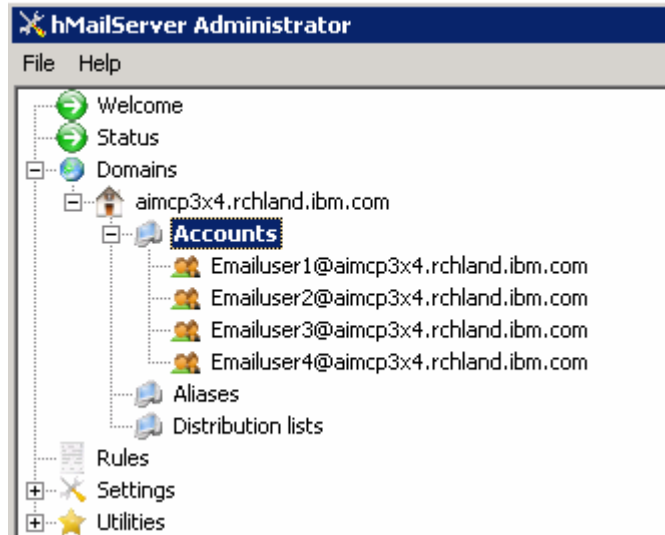
____ 9. Select **Settings > Protocols > SMTP** on the left pane to open SMTP window on the right side

____ 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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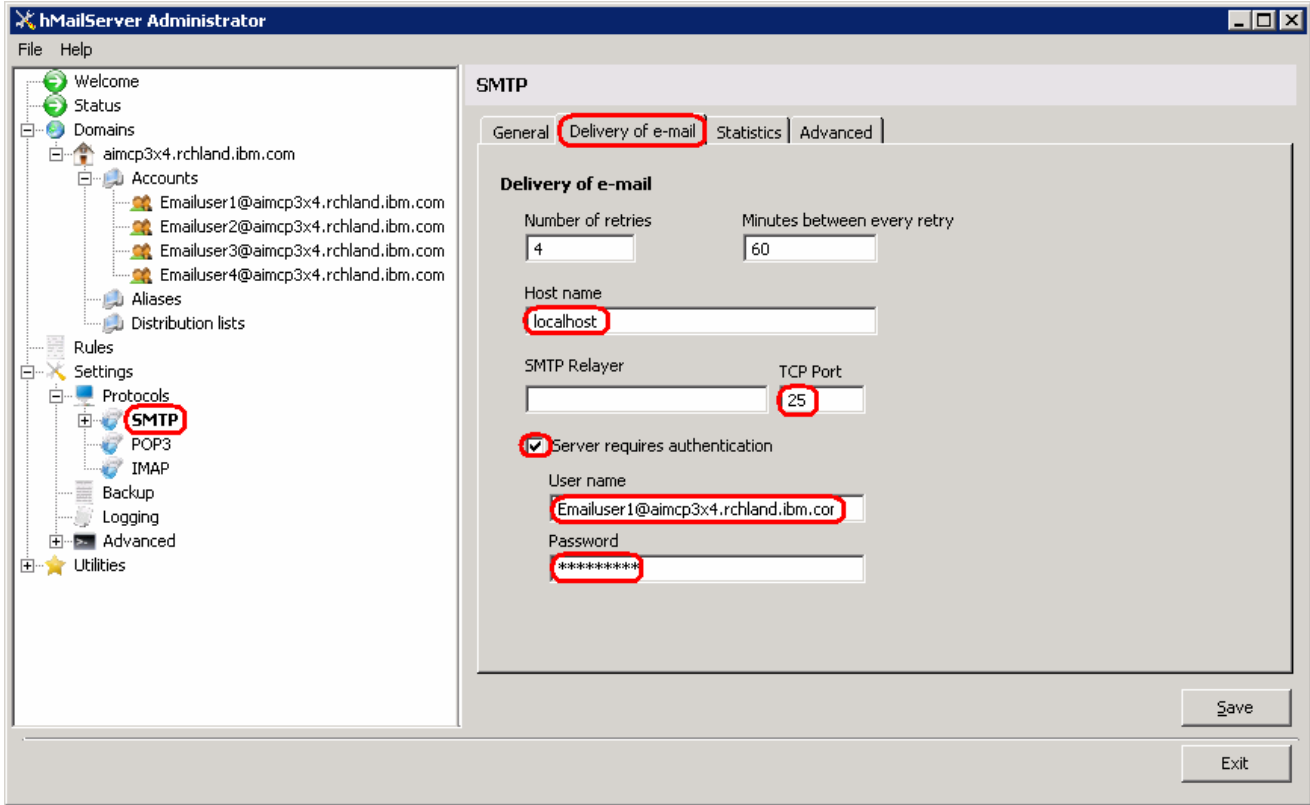
____ 13. Click **Save** at the bottom

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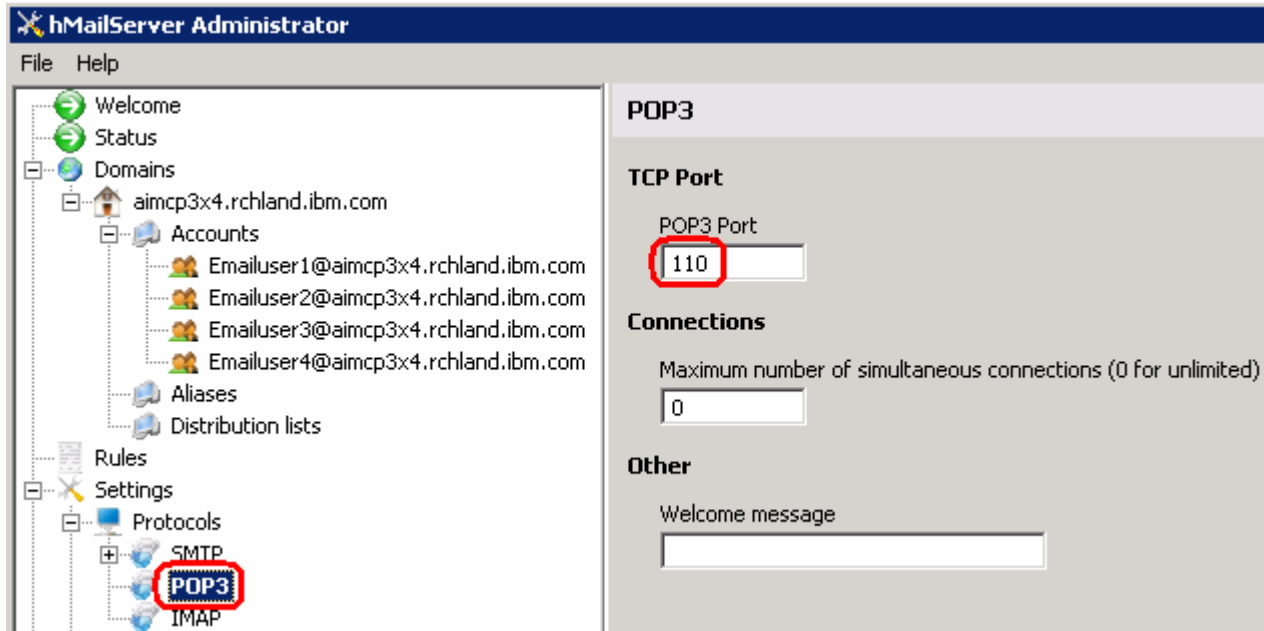
____ 15. Select **Settings > Protocols > IMAP** and ensure that you use the unused port number for the **IMAP
port** if the default port number **143** is already being used

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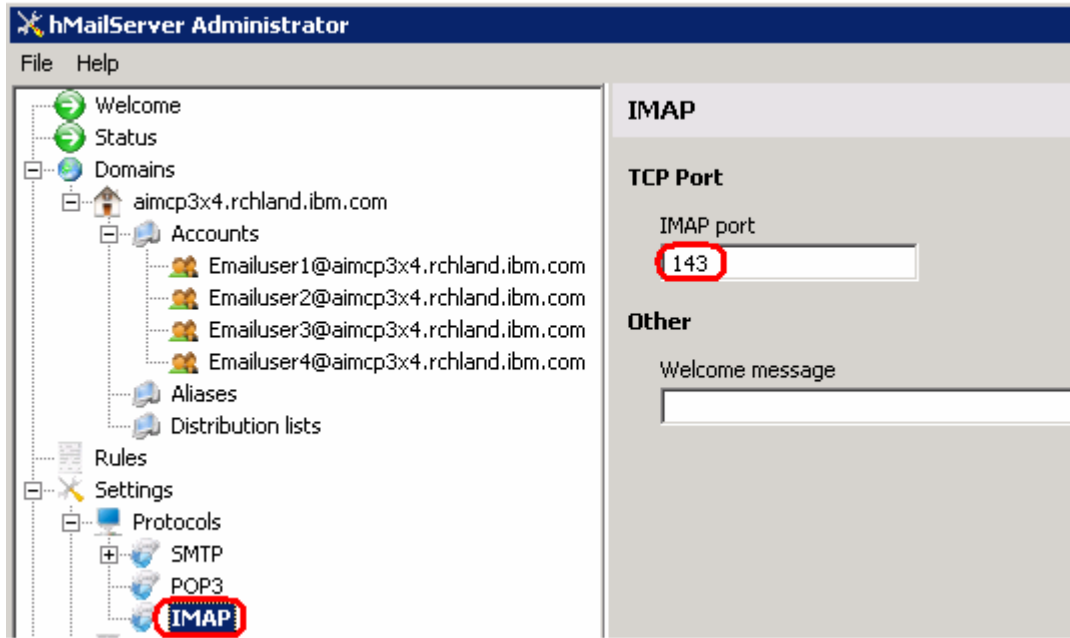
____ 16. Finally hit the **Exit** button to close the **Administrator** window

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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