

How to Setup LDAP

Typically there are two issues when setting up LDAP:

- We do NOT know what the context is to type in for Microsoft Exchange
- The Administrator has supplied credentials and we have no way of demonstrating if they are correct

The best way forward is to let the administrator test the credentials he is supplying to you by instructing him to configure a directory service in outlook express, if he can make this function and return email addresses, you merely copy and paste straight into the RUI

1.

If you are using Active Directory either at the Windows 2000/ 2003 Domain Controller or a Computer logged into the domain

Type in “gpresult” from the command prompt

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 5.2.3790]
(C) Copyright 1985-2003 Microsoft Corp.

C:\Documents and Settings\Bahader>gpresult_
```

2.

This should give the resultant set of policies
The area you are interested in is the User Name and context under USER SETTINGS

This is part that most most people have difficulty knowing what the context should look

```
C:\WINDOWS\system32\cmd.exe
Domain Type: Windows 2000

Applied Group Policy Objects
-----
Default Domain Controllers Policy
Default Domain Policy

The following GPOs were not applied because they were filtered out
-----
Local Group Policy
Filtering: Not Applied (Empty)

The computer is a part of the following security groups
-----
BUILTIN\Administrators
Everyone
IIS_WPG
BUILTIN\Pre-Windows 2000 Compatible Access
BUILTIN\Users
Windows Authorization Access Group
NT AUTHORITY\NETWORK
NT AUTHORITY\Authenticated Users
This Organization
2003SERVER$
Domain Controllers
NT AUTHORITY\ENTERPRISE DOMAIN CONTROLLERS

USER SETTINGS
-----
CN=Bahader,CN=Users,DC=Solutions,DC=isg
Last time Group Policy was applied: 3/11/2005 at 9:15:43 AM
Group Policy was applied from: 2003server.Solutions.isg
Group Policy slow link threshold: 500 kbps
Domain Name: SOLUTIONS
Domain Type: Windows 2000

Applied Group Policy Objects
-----
Default Domain Policy

The following GPOs were not applied because they were filtered out
-----
Local Group Policy
Filtering: Not Applied (Empty)
```

3.

You may right click, select Mark, and then highlight the area for example:
CN=Someone,CN=Users,DC=Something
,DC=Something

```
C:\WINDOWS\system32\cmd.exe
Domain Controllers
NT AUTHORITY\ENTERPRISE DOMAIN CONTROLLERS

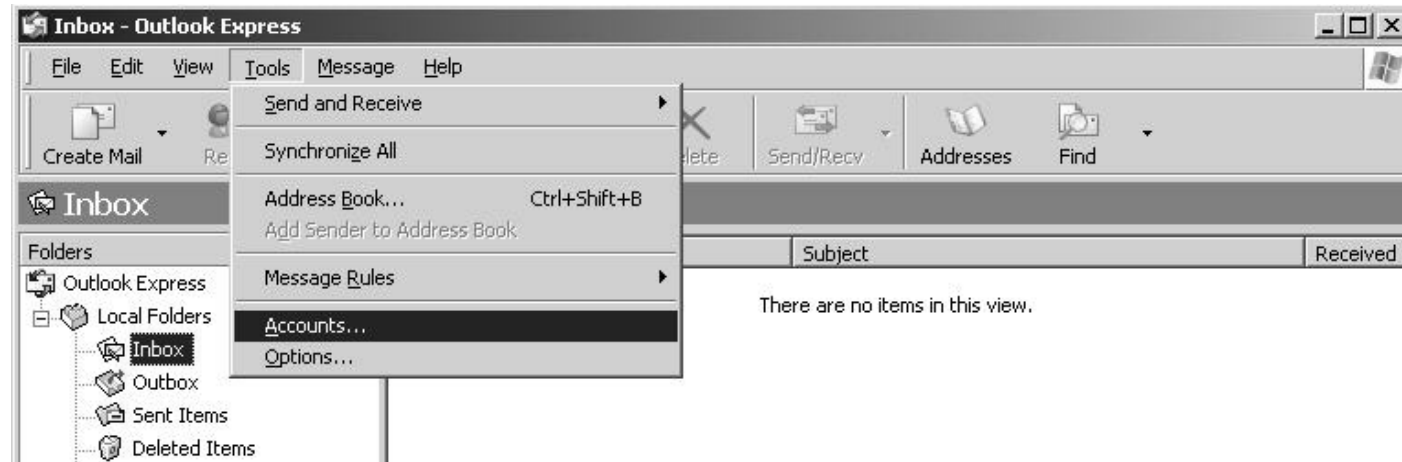
USER SETTINGS
-----
CN=Bahader,CN=Users,DC=Solutions,DC=isg
Last time Group Policy was applied: 3/11/2005 at 9:15:43 AM
Group Policy was applied from: 2003server.Solutions.isg
Group Policy slow link threshold: 500 kbps
Domain Name: SOLUTIONS
Domain Type: Windows 2000

Applied Group Policy Objects
-----
Default Domain Policy

The following GPOs were not applied because they were filtered out
-----
Local Group Policy
Filtering: Not Applied <Empty>
```

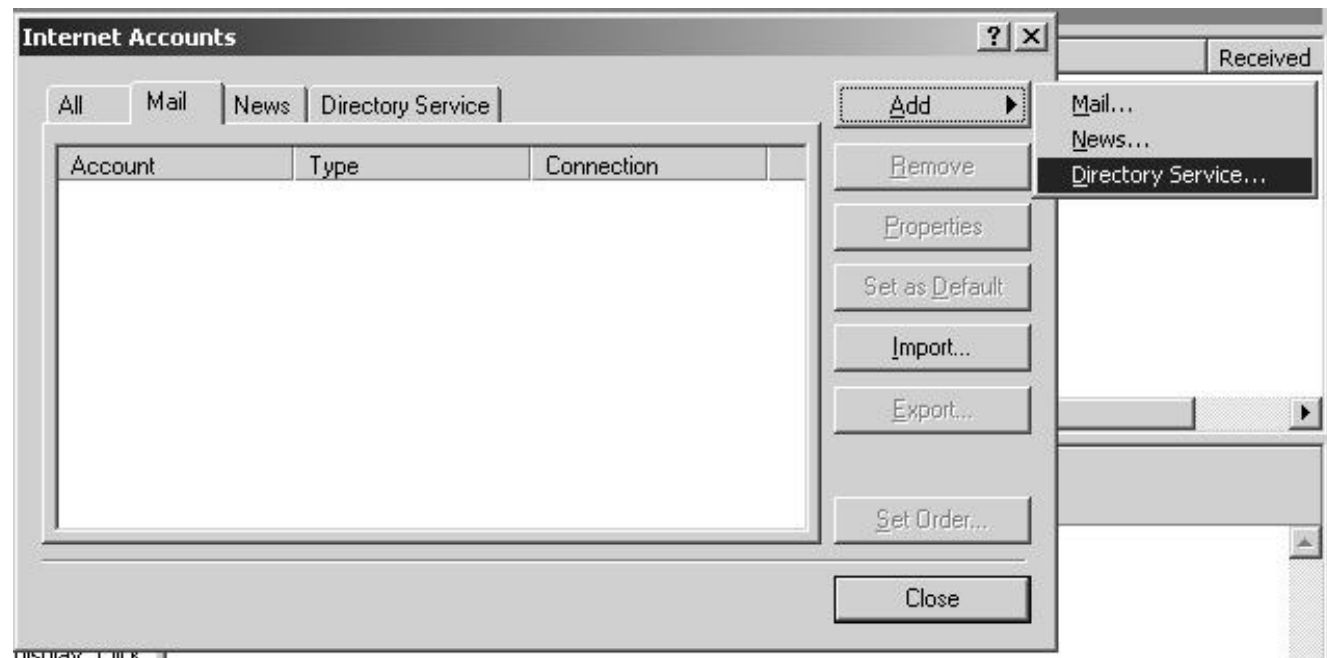
4.

Open Outlook Express, Under Tools
select, Accounts



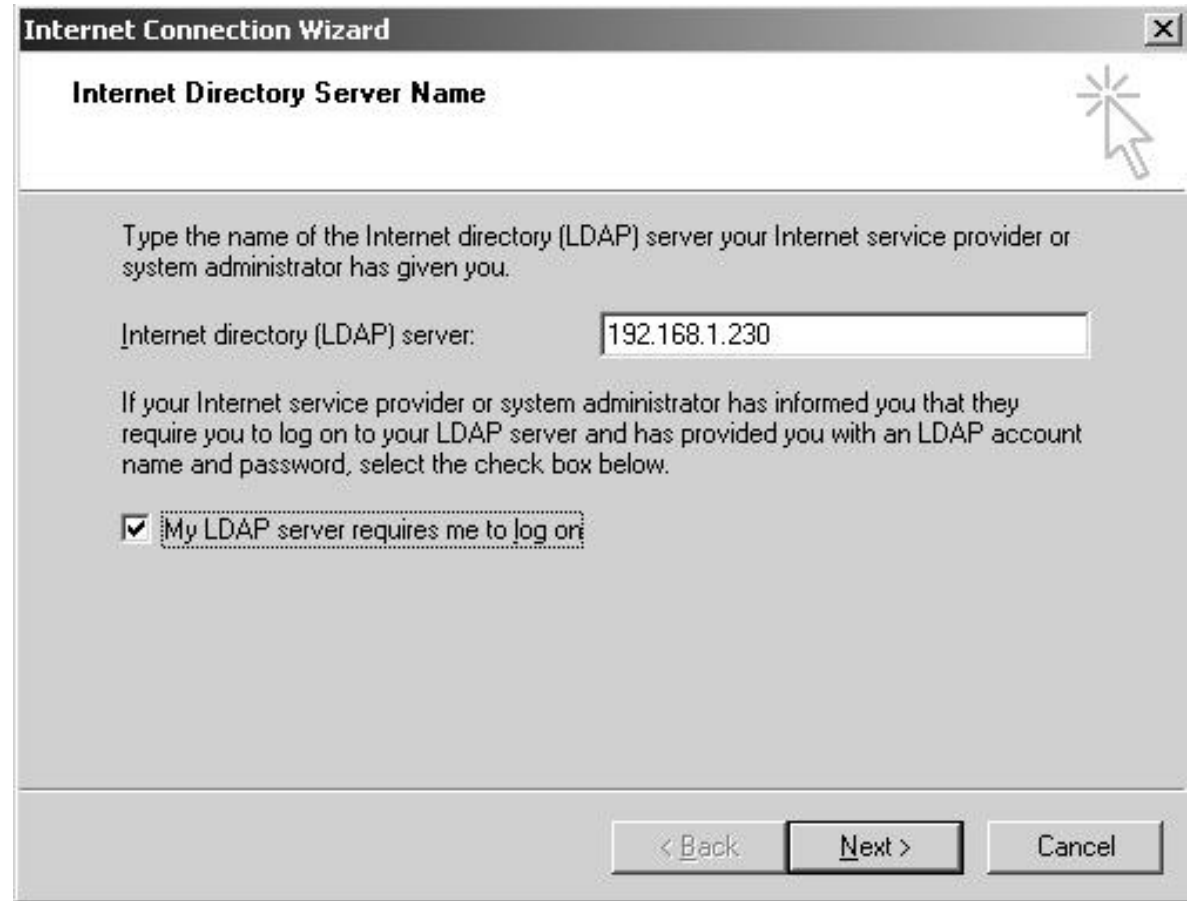
5.

On the Right Hand side of the New Box
Select ADD then scroll down to
Directory Service



6.

Type in the IP Address of the LDAP
Server you are going to use
IF the LDAP Server requires you to
logon on, check the box, below
Press Next



7.

Either type in the Credentials you noted from Step 3 or Select this box and press CTRL V to paste in order to avoid mistyping

You might change the name to one that has been specifically setup for LDAP, Note: make sure the name you are replacing has been created in the same location as the one above in Active Directory
Type in the appropriate Password
Press Next

The screenshot shows the 'Internet Directory Server Logon' step of the Internet Connection Wizard. The window title is 'Internet Connection Wizard'. The main heading is 'Internet Directory Server Logon'. Below the heading, there is a text box for 'Account name' containing 'CN=Bahader,CN=Users,DC=Solutions,DC=isg' and a password field with four dots. A checkbox for 'Log on using Secure Password Authentication (SPA)' is present and unchecked. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

8.

Leave default selection at No
Press Next

The screenshot shows the 'Check E-mail Addresses' step of the Internet Connection Wizard. The window title is 'Internet Connection Wizard'. The main heading is 'Check E-mail Addresses'. Below the heading, there is a text box explaining that the e-mail program checks addresses using directory service lists. A radio button for 'No' is selected, while the 'Yes' option is unselected. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

9.

Press Finish



10.

Open the Properties of the Directory you have just created

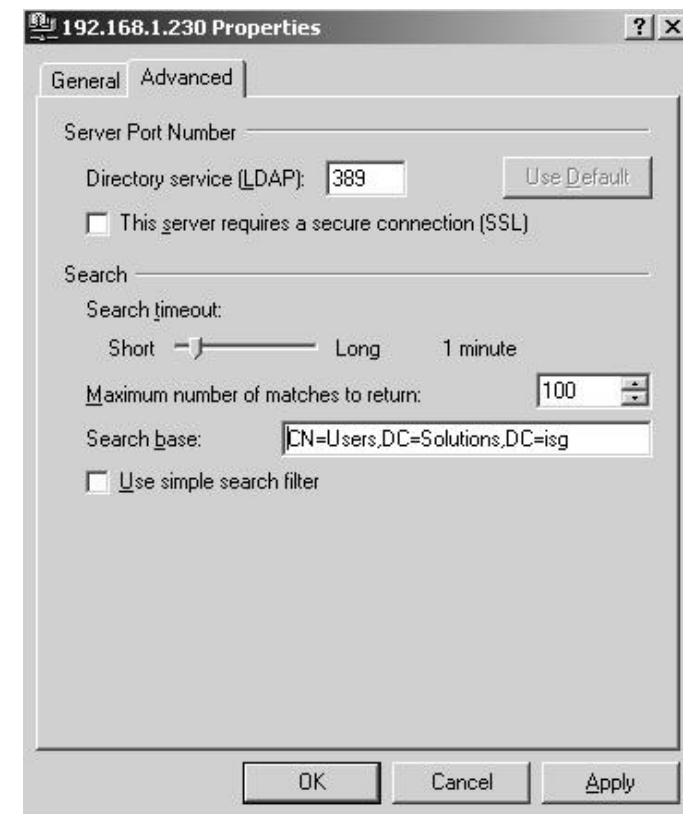
Select the Advanced tab

Type in the Search base

Typically this would be a small portion of what existed for the User earlier

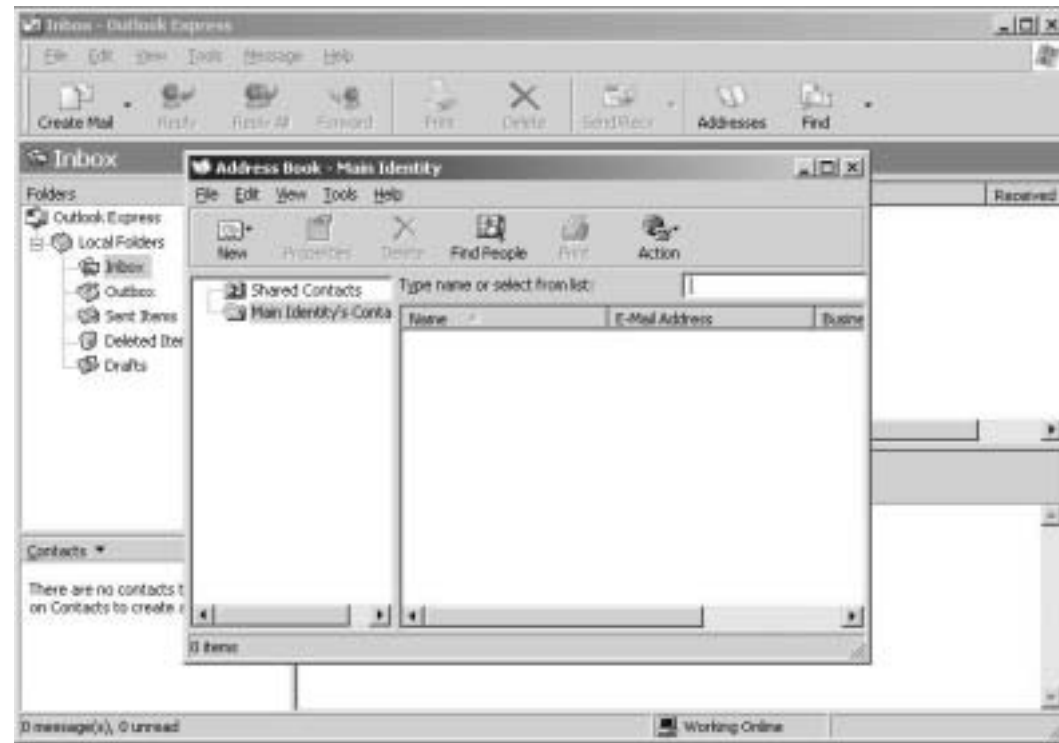
What you are defining is where in Active Directory to begin the search

Press Apply



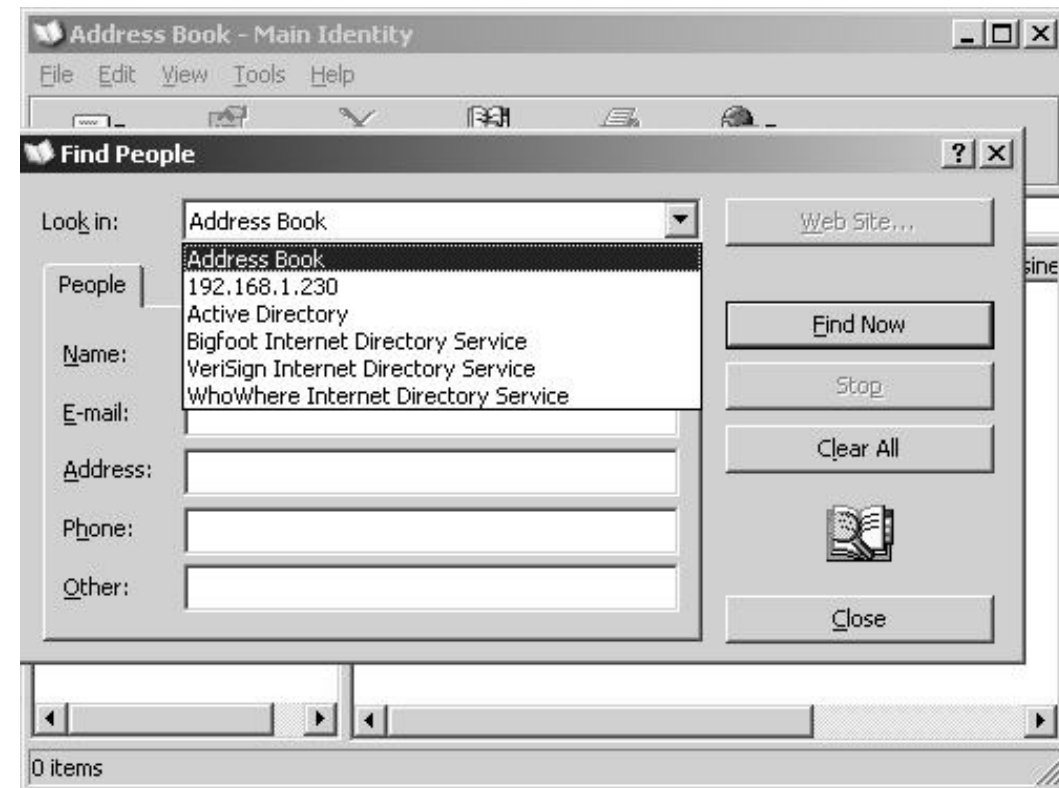
11.

Now lets test this
Open Addresses from Outlook Express
Select Find People



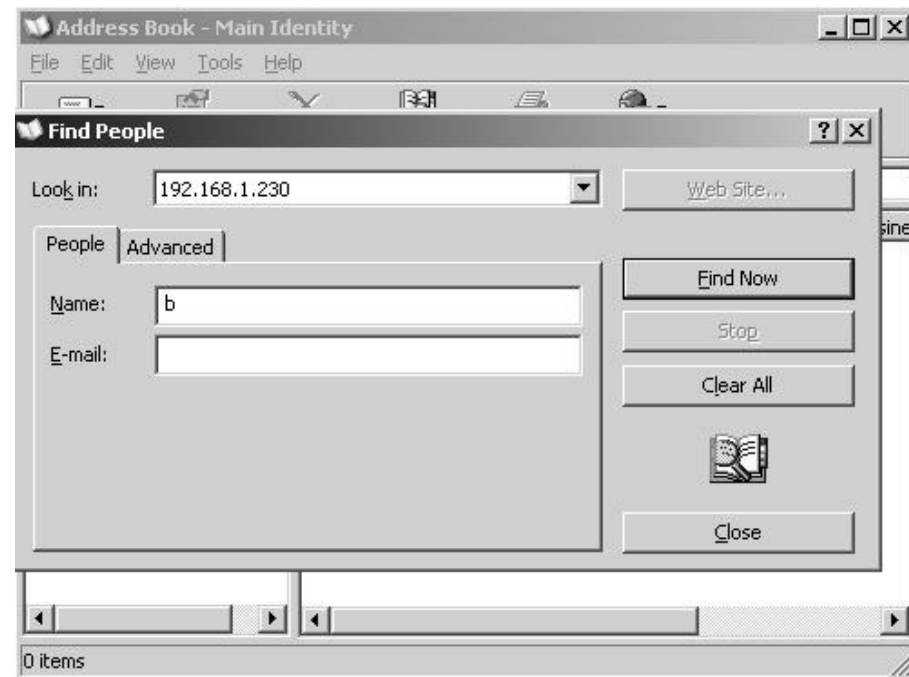
12.

Select the Directory you have created
Type the Name of an existing user or part
of a name
Select Find Now



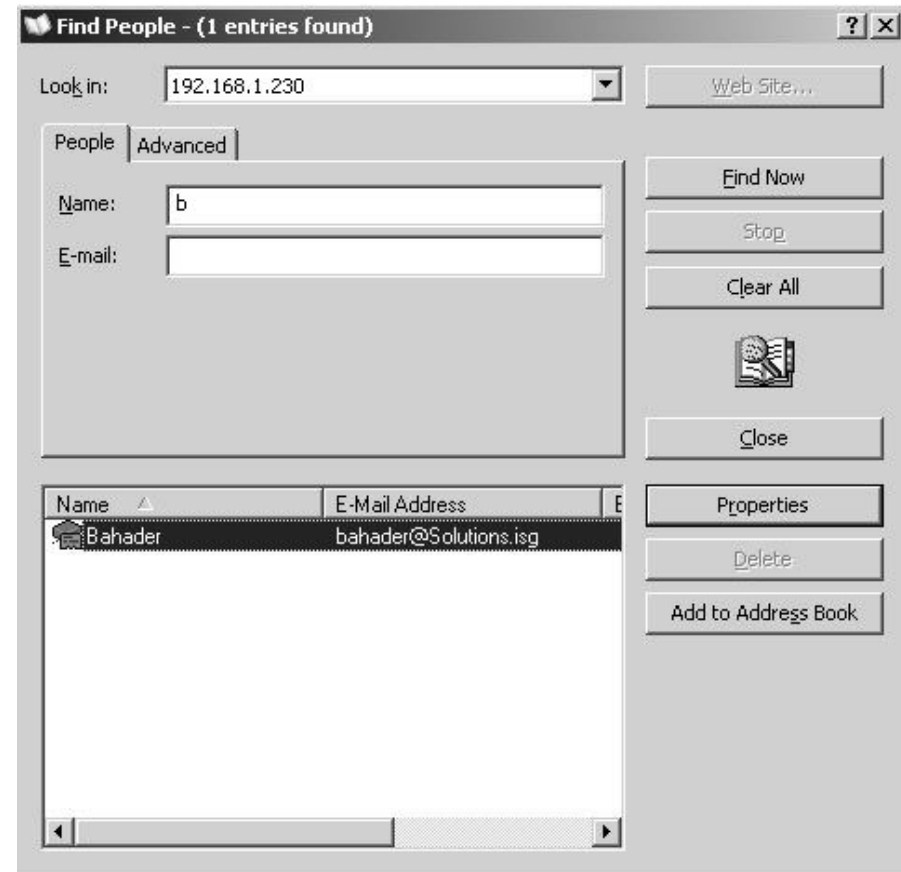
13.

I have picked a simple test
Searching for b



14.

You should now have found some people
with their email addresses



Now that you have tested that the credentials are correct and verified that email entries exist
Quite simply open the Accounts tab where you created this Directory service, copy and paste,
using the RUI for the device you are setting up.
When finished simply remove the Account created in Outlook Express