

## About Distinguished Names

A Distinguished Name is a name that uniquely identifies a person or group across all Internet Directories. A Distinguished Name consists of several descriptive attributes, such as Common Name, Organization, and Country. For example, the following Distinguished Name includes the Common Name, Organizational Unit, Organization, and Country attributes for the entry Fred Smith:

cn=Fred Smith, ou=Support Dept, o=microsoft, c=us


The following Distinguished Name gives the location of the branch of the directory containing all entries for the Microsoft organization:

o=microsoft, c=us

## **About Internet directory services**

Internet directory services expand the list of names that is checked automatically when you enter an e-mail name in the **To**, **Cc**, or **Bcc** box of an e-mail message. Use the Microsoft LDAP Directory Address Book Provider to search for e-mail addresses in any [Internet Directory](#).

## Set up LDAP directory services

- 1 On the **Tools** menu, click **Services**.
- 2 Click **Add**.
- 3 In the **Available information services** box, click **Microsoft LDAP Directory**.
- 4 In the **LDAP Directory Service** dialog, enter the settings for the LDAP directory service you want to add.
- 5 On the **File** Menu, click **Exit and Log Off**.  
For more information about directory service settings, click 

## **Search an Internet directory for an e-mail address**

- 1** On the **File** menu, point to **New**, and then click **Mail Message**.
- 2** Enter recipient names in the **To**, **Cc**, or **Bcc** boxes.

The LDAP Internet directory is automatically searched for names when you send the message.

## **Change the order in which Internet directory services are checked**

If you have more than one address book available, you can specify the order in which the address books are searched for names that you enter in the **To**, **Cc**, or **Bcc** boxes.

- 1** On the **Tools** menu, click **Services**.
- 2** Click **Addressing**.
- 3** In the **When sending mail** box, click the address book you want to move.
- 4** Click the up and down arrows next to the **When sending mail** box. The address books in this box are checked from top to bottom.

## **Find Dialog**

Use this dialog to find an entry in an Internet Directory.

Enter the name of the person you want to search for, or as much of their name as you know.

## LDAP Directory Service Dialog

### Directory Service Account

The name of the account.

### Server Host Name

The computer where the LDAP server is running. Replace the default text with the name of a host or an IP address.

**Note:** To specify a host name, you need to configure WinSock to use a Domain Name Server (DNS). Consult your Network Administrator for details on doing this.

### Server Port Number

The port number on which the LDAP server is listening. Generally, the default value of 389 is used. If your system requires a different value, your administrator can supply it.

### User Name

The Distinguished Name of the directory user. Some LDAP servers allow unauthenticated or anonymous user access. Remove all text from the User Name field if you want to bind to the Directory as an anonymous user.

If you want to bind to the directory as a specific user, enter the attributes of the Distinguished Name you want to bind as. For example, to enter a common name, organization and country, enter the following in the name box:

cn= Fred Smith, o= Microsoft, c= US

If you do not know the format of the Distinguished Name you should use to log in, see your mail administrator.

### Password

The password that allows you to bind to the directory. Consult your mail administrator to find out the password. The password is saved in your profile.

**Note:** If you are binding as an anonymous user, a password is not required.

### Search Base

Enter the Distinguished Name of the entry where you want to begin the search. The search will be carried out on all objects at and below the specified entry. For example, search base:o=microsoft, c=us would search the directory for all entries at or below Microsoft, US.

## **Internet Directory Properties General Tab**

### **Container Name**

The name of the container used to hold the Internet Directory.

### **Server Host Name**

The name or address of the server where the Internet Directory is located.

### **User Name**

The name of the user who has connected to the Internet Directory.



**Lightweight Directory Access Protocol (LDAP)**

A protocol that provides access to Internet Directories.

**Distinguished Name**

A name that uniquely identifies a person or group across all Internet Directories.

### **Anonymous and Named Binding**

Ways of binding to a directory that determine your access rights and what parts of the directory you can retrieve information from. If you bind to a directory as an anonymous user, you can access only a limited area of the directory. If you bind to a directory as a named user, you can set attributes, depending upon what the directory allows. Generally, most users bind to directories as anonymous users.

**Attribute**

A holder for a single piece of information, for example, the surname of a person. Each entry in an Internet Directory is made up of a list of attributes. The attributes relevant to you are determined by your Internet Directory site administrator.

**Internet Directory**

A storage place for information such as names, organizations, departments, countries, and locations. Typically, Internet Directories are used to find e-mail addresses that are not in a local address book or a corporate-wide directory.

**Organizational Unit**

A type of entry that is used specifically for storing information on a section of an organization. It can represent a department or a group of people, for example, ou= Accounting Dept.



