

About the Document

This document is the **thirteenth** in a series of documents describing the process of installing and configuring a *Mac OS X 10.6 Server* in a school environment.

Other documents in this series are available at:
servernotes.wazmac.com

This document describes the setup of an *OS X 10.6* clients to access a *Mac OS X Open Directory Server*.

The behaviour of DHCP supplied LDAP (DHCP Option 95) is significantly different on *Mac OS X 10.6* systems than previous incarnations of *Mac OS X*.

The LDAP server specified via DHCP on the server is no longer added to the client search base by default.

According to Apple, this reduces the possibility of an unauthorized DHCP server being used to add an LDAP directory domain to the authentication search path on a client.

The new behavior locates LDAP servers via Bonjour and then places any DHCP-supplied LDAP servers at the top of the list of servers available for binding. Each computer (or your network's base client image) needs to be bound to the server individually.

The information in this document assumes that you have already setup a *Mac OS X Open Directory Server* as described in the previous documents in this series.

If you have *Mac OS X 10.4* or *10.5* clients, refer to the relevant notes at servernotes.wazmac.com

Other documents in this series

- Install & set up the *Mac OS X Server Software*
 - Initial software Installation and config.
- Configuring DNS
 - adjust the default setup, check zones, add machines.
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- Connecting from Windows XP - WorkGroup
- Configuring *Mac OS X Server as a Primary Domain Controller (PDC)*
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- Blogs and Wikis
- Backing up your Server

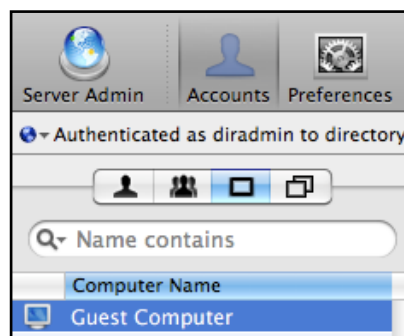
1. **Server Configuration**

We first need to confirm some settings on the server to enable network computers to recognise the *Open Directory*.

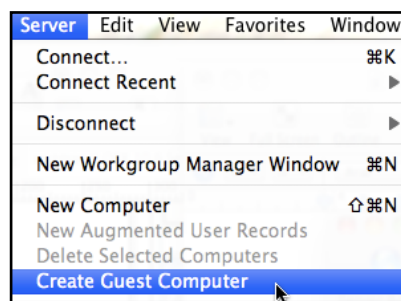
- 1.1. Open *WorkGroup Manager* and logon as the **Directory Administrator** (*diradmin*).



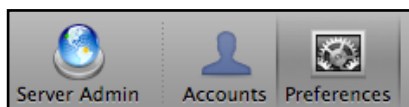
- 1.2. Click on the **Accounts** button > **Computers** > **Guest Computer**.



- 1.3. If no **Guest Computer** is available, choose to **Create Guest Computer**, from the **Server** menu.



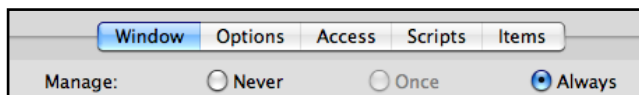
- 1.4. With the **Guest** account selected, click on the **Preferences** button at the top of the window.



- 1.5. Click on the **Login** icon, in the **Preferences** pane.

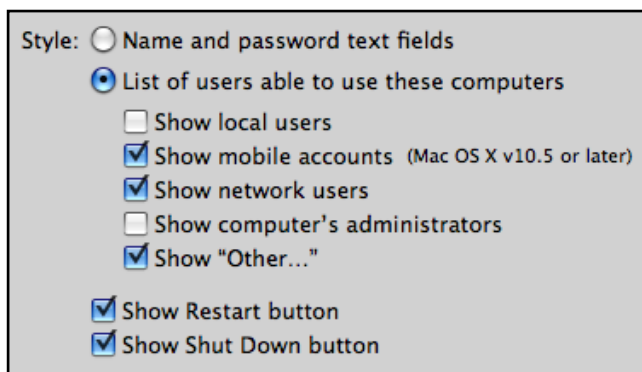


- 1.6. Under the **Window** tab click to **Manage: Always**.



- 1.7. Depending on your circumstances you can set these preferences to display:

- a list of names, or
- text fields for username and password.



K-6 students may prefer the *List of Names* option.

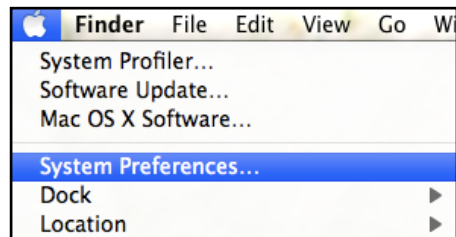
It has been my experience with the previous Mac OS X 10.5 OS that the display of network user names in a list format is more reliable if local users are not enabled to be shown.

- 1.8. Click on the **Apply Now** button.

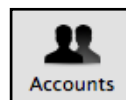
2. Client Configuration

2.1. Log on to a network *Mac OS X 10.6* computer as an **Admin** user.

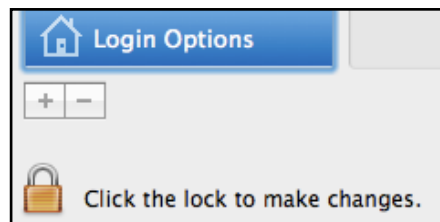
2.2. Open **System Preferences**.



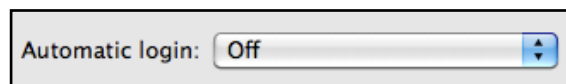
2.3. Click on **Accounts**.



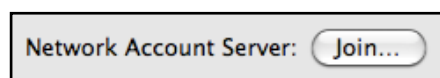
2.4. Click on **Login Options**, then click on the **padlock** icon to authenticate as an *Administrator* to make changes.



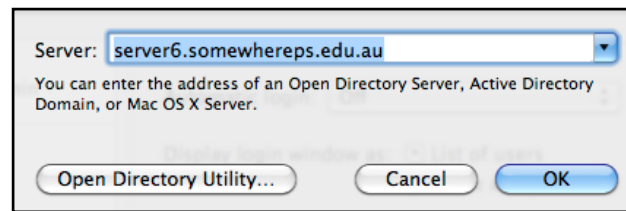
2.5. Disable the option to **Automatically login**.



2.6. Click on the **Join** button, at the bottom of the **Accounts** window, to select a **Network Account Server**.



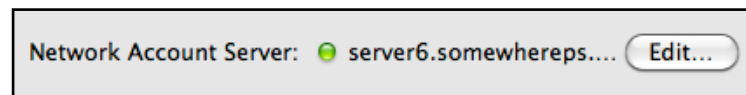
- 2.7. Select the correct server from the drop-down list.



(Notice that you can choose between *Open Directory* or *Active Directory* servers.)

Click on the **OK** button.

- 2.8. The **Accounts** panel will now indicate that the client is bound to the *Open Directory* server.



(To unbind the client from the server click on the **Edit** button, select the server, and click on the "-" button).

- 2.9. Close the **System Preferences**, and log off (or restart) the computer.

The preferences that you have configured for the **Guest Computers** on the server (*Login Window, printers, proxy server, etc.*) will now be applied to the client.

Further preferences that you may have setup for individual *Groups* or *Users* will be applied when users login.