

2.4 Mac OSX Services - Open Directory

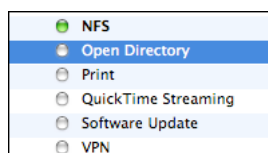
This document describes setting up the *Open Directory* service on a *Mac OS X Server*.

The *Open Directory* service allows clients to authenticate to the server, and to locate and retrieve information from the server.

1. Launch **Server Admin**.



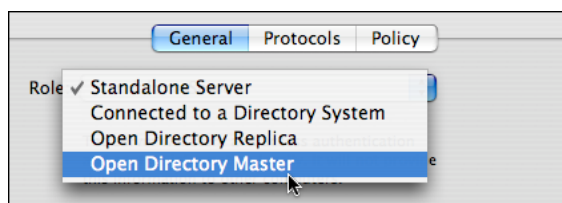
2. Click on the **Open Directory** service in the left pane.



3. Click on the **Settings** button in the right pane.

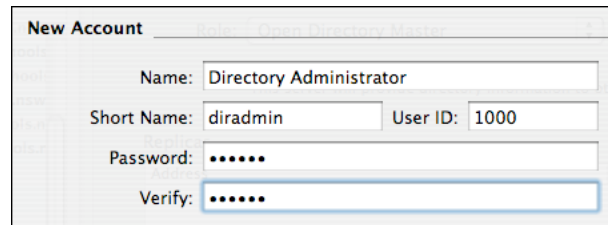


4. Click on the **General** tab, then choose **Open Directory Master**.



Click on the **Save** button.

5. You will be asked to enter a *username* and *password* for the **Directory Administrator**. Accept the default **diradmin** user, and provide a password (for sanity, generally the same password as the server admin!).



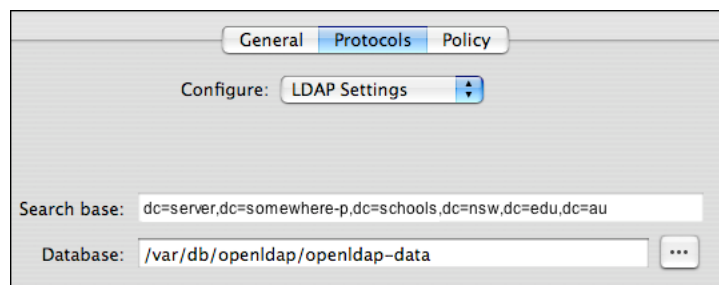
The screenshot shows a 'New Account' dialog box with the following fields:

- Name: Directory Administrator
- Short Name: diradmin
- User ID: 1000
- Password: [masked with dots]
- Verify: [masked with dots]

Click on the **Create** button, then the **Save** button.

6. Now we need to copy some of the information which has been setup in the **Open Directory** window, into the **DHCP** settings.....

- 6.1. Click on the **Protocols** tab (You may have to wait a minute!)



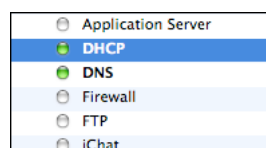
The screenshot shows the 'Protocols' tab with the following configuration:

- Configure: LDAP Settings
- Search base: dc=server,dc=somewhere-p,dc=schools,dc=nsw,dc=edu,dc=au
- Database: /var/db/openldap/openldap-data

The *LDAP* information above should be completed automatically.

- 6.2. Select all the text in the **Search base** field, and **copy** this text.

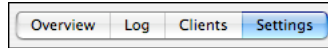
- 6.3. Click on the **DHCP** service in the left-hand pane.



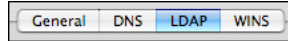
The screenshot shows a list of services in the left-hand pane:

- Application Server
- DHCP** (selected)
- DNS
- Firewall
- FTP
- iChat

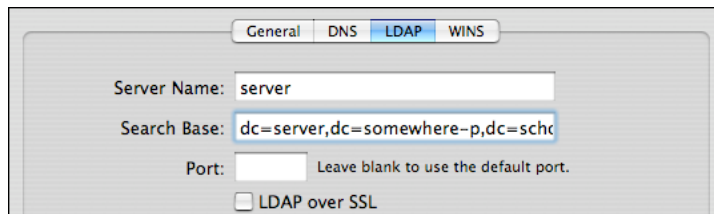
6.4. Click on the **Settings** button.



6.5. Click on the **LDAP** button.

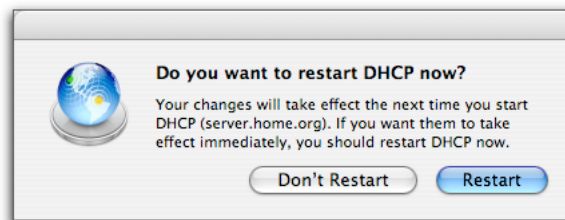


6.6. Click in the **Search base** field and paste the text that you copied from the *Open Directory protocol* settings.



6.7. Click on the **Save** button.

6.8. Choose to **Restart** the **DHCP** service when asked.



6.9. Your server will now distribute the **LDAP** settings, used for the identification of the directory of user names, by **DHCP**.