

About this Document

This document is the fourth in a series of documents describing the process of installing and configuring a *Mac OS X 10.5 Server* in a school environment.

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

This document provides a guide to the process of configuring *Dynamic Host Control Protocol* (DHCP) to provide IP addresses, and associated information, to client computers on a school network.

Other documents in this series

- Installing the *Mac OS X Server* Software & Configuring DNS
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- Backing up your Data drive
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- Enabling Blogs and Wikis

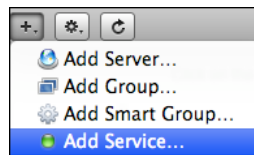
1. *Enabling and Configuring DHCP*

The *Dynamic Host Control Protocol* (DHCP) service provides IP address, DNS server, and LDAP server information to computers on the local network.

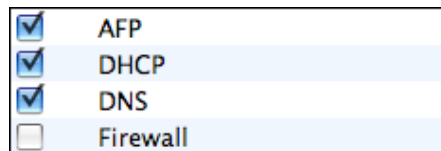
- 1.1. Launch *Server Admin*.



- 1.2. Click on the **+** button at the bottom left corner of the *Server Admin* window and choose **Add Service**.

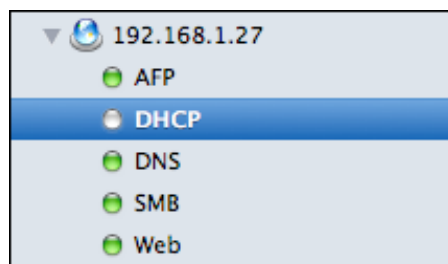


- 1.3. Tick the **DHCP** option in the right pane of the *Server Admin* window.

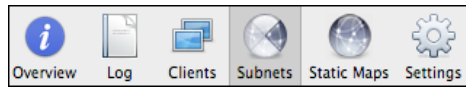


Click on the **Save** button.

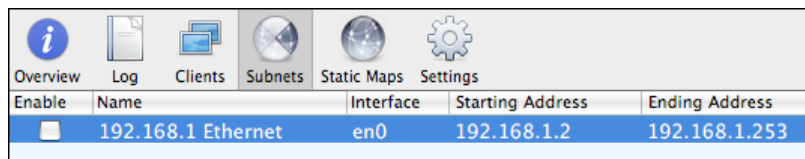
- 1.4. Select the **DHCP** service in the left pane of the *Server Admin* window.



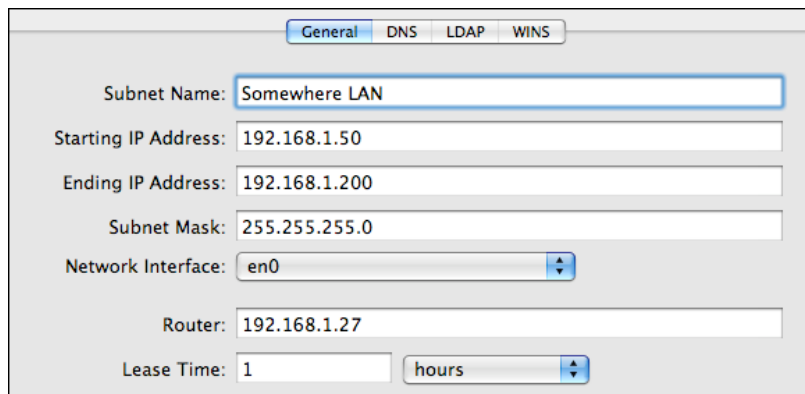
- 1.5. Click on the **Subnets** icon at the top of the right pane of the *Server Admin* window.



- 1.6. Select the new subnet at the top of the right window.



- 1.7. Edit the information at the bottom of the right pane, under the **General** tab, entering the IP address information relevant for your school.



General DNS LDAP WINS

Subnet Name:

Starting IP Address:

Ending IP Address:

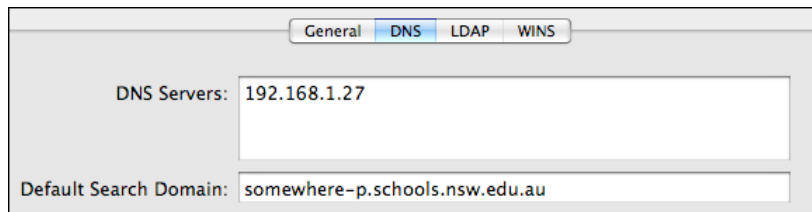
Subnet Mask:

Network Interface:

Router:

Lease Time:

Click on the **DNS** tab and enter the DNS info for your server (it's IP address and DNS zone name)



General DNS LDAP WINS

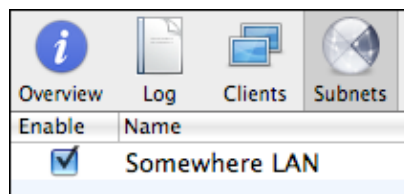
DNS Servers:

Default Search Domain:

Click on the **Save** button.

- 1.8. We will enter some information under the **LDAP** tab after we have configured the **Open Directory** service.

- 1.9. Tick the **Enable** box, adjacent to your subnet, in the top pane on the right of the screen.



- 1.10. Click on the **Start DHCP** button at the bottom of the window.

