

# Setting up Simple File Sharing

This document describes the setup of an OS X network computer (aka the client) to access a shared folder on a *Mac OS X file server*. This may be a dedicated OS X server, or a computer with *Personal File Sharing* enabled.

This arrangement may be suitable for small schools where file “security” is not an issue, and where there may not be the expertise to manage a more elaborate *Open Directory* scenario.

There is a limit of 10 concurrent users connected to a computer which has *Personal File Sharing* enabled.

This document describes two steps in the procedure to setup simple File Sharing:

1. Setting up the Server

- 1.1 Personal File Sharing, or

- 1.2 Setting up Simple File Sharing on an OSX Server

2. Configuring network computers to access the shared folder(s).

## 1. Server Setup

You can share your files on the network using a dedicated file server with Mac OSX Server software, or using a regular computer with Personal File Sharing enabled.

When setting up either method you can provide “authenticated” user access, though this document only explores the option of Read/Write access for everyone.

### 1.1. Personal File Sharing.

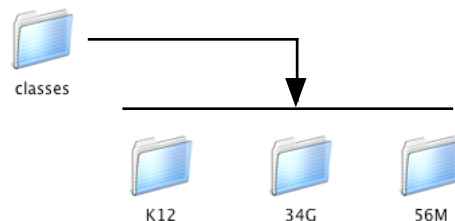
Every *Mac* OSX computer provides an option for Personal File Sharing, which provides a “server” environment for up to 10 concurrent users.

1.1.1. Logon as an **Administrator** to the computer which will be the server.

1.1.2. Open the **Public** folder in the Administrator’s **Home** folder.

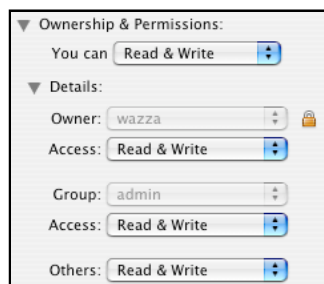


1.1.3. Create a folder (within the **Public** folder) which will contain the class folders to be shared.



1.1.4. Click on the newly-created folder and choose **Get Info** from the **File** menu.

Adjust the **Ownership & Permissions** so that **Everyone** has **Read & Write** access.

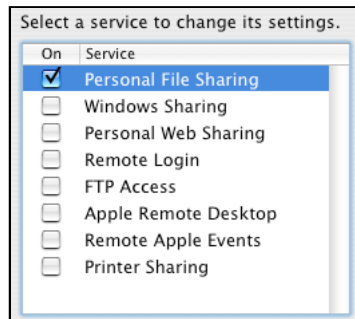


Close the **Get Info** window.

### 1.1.5. Open **Sharing** in **System Preferences**.



### 1.1.6. Tick to enable **Personal File Sharing**.

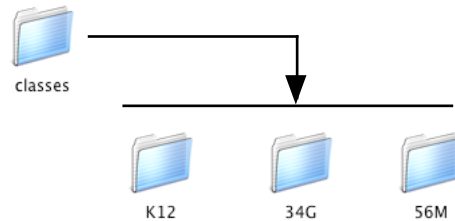


## 1.2. Simple Sharing with an OSX Server

### 1.2.1. Log on to the server as an **Administrator**.

If your server does not have a monitor you will need to use *Apple Remote Desktop* to complete some of the steps below.

### 1.2.2. Create a new folder which will be the sharepoint for storing students' work.

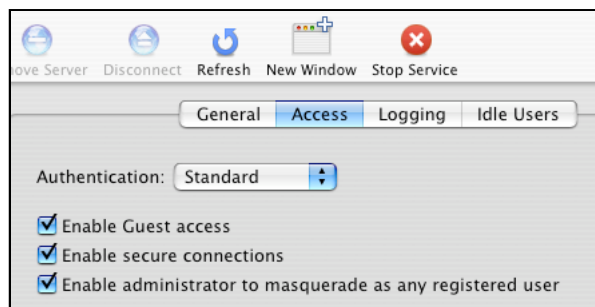


### 1.2.3. Open *Server Admin*.



### 1.2.4. Check that **AFP** is running, and that **Guest** access is permitted.

It is also recommended that **Authentication** be set to **Standard**.



Close *Server Admin*.

### 1.2.5. Open *WorkGroup Manager*.

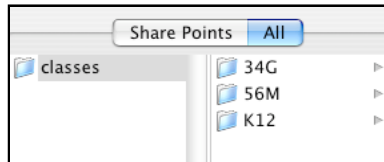


This can be done from any computer on the network.

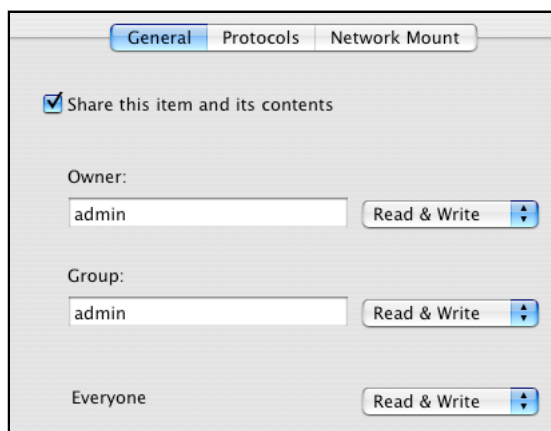
1.2.6. Click on the **Sharing** icon.



1.2.7. Navigate to your recently-created sharepoint.

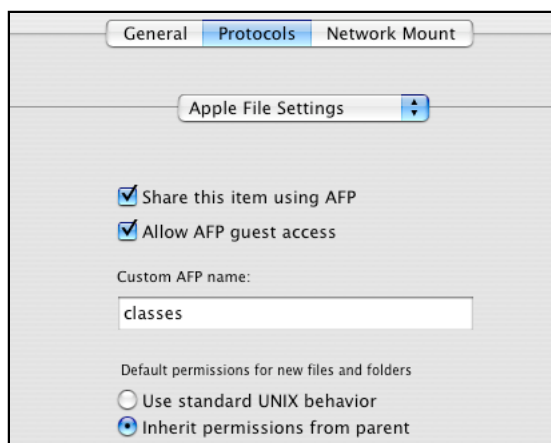


1.2.8. Under the **General** tab, set the permissions for access to the folder.



Click on the **Save** button.

1.2.9. Under the **Protocols** tab, click to **Inherit permissions from parent**.



Click on the **Save** button.

1.2.10. Close *WorkGroup Manager*.

## 2. Client Setup

This section describes the procedure to setup a network computer to automatically mount a shared volume at login.

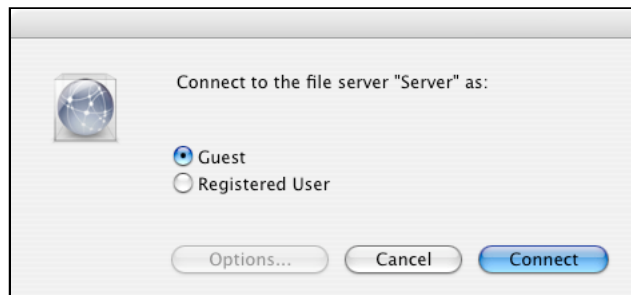
2.1. Log on to a network computer as the **Student** user.

Your computer is likely to have two users - **Admin** and **Student**.

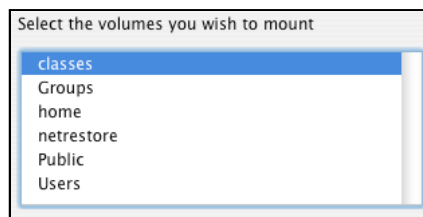
2.2. Choose **Connect to server** from the **Go** menu.

Your sharepoint on the server should be setup so that **Everyone** has **Read/Write** access.

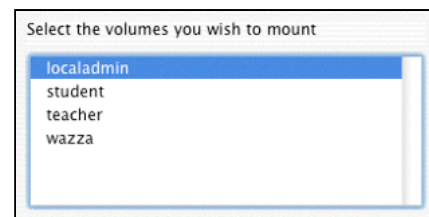
2.3. Connect to the server as **Guest**.



2.4. Select the sharepoint containing your students folders.



OSX Server displays the sharepoints - navigate to the shared folder.



Personal file sharing displays the users on the server - navigate to the Public > shared folder.

Click on **OK**.

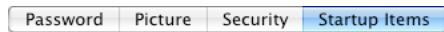
2.5. The selected sharepoint will be mounted on your desktop.



2.6. Click on **Accounts** in the **System Preferences**.



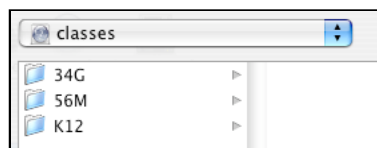
2.7. Click on the **Startup Items** tab.



2.8. Click on the + button.

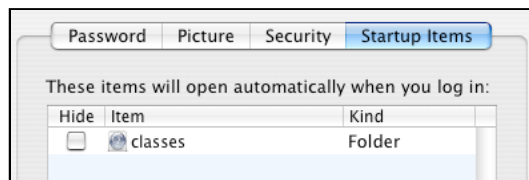


2.9. Navigate to, and select the shared folder which contains your student's folders.



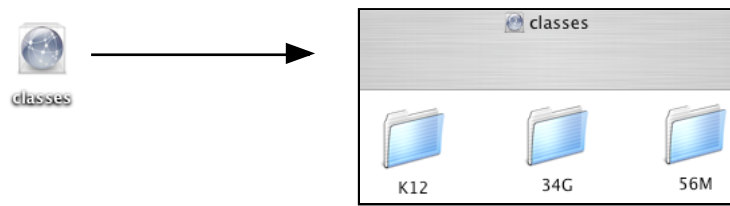
Click on the **Add** button.

2.10. The sharepoint will now be added to the user's startup items.



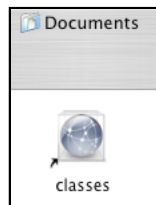
2.11. Close the **Accounts** preferences.

2.12. Whenever you the user logs in, the sharepoint will be mounted on their desktop.



The shared folders on the server will be easily accessible.

2.13. Because most applications default their file saving to the user's **Documents** folder, make an alias of the sharepoint in the documents folder, for easy access by students.



2.14. Or make aliases of the sub-folders within the sharepoint!



2.15. Make the **Home** folder readily accessible by dragging it to the **Dock**!

