

SANTA BARBARA MAC USERS GROUP (SBMUG)
Basic Guidelines for Networking Macs
November 2001

- I. Find the network method available on your Mac
 - AppleTalk via serial port
 - AppleTalk via Ethernet port
 - AppleTalk via Airport card
 - TCP/IP

- II. Look at the ports or documentation
 - Ethernet port looks like a telephone jack but larger
 - Normally, PowerPC or later has Ethernet

- III. Determine your purpose. What do you want to do?
 - Access files from another computer
 - Share a printer
 - Share a cable modem

- IV. The simplest way to connect two Macs is with a Crossover Cable. The cable is considered to be “hardware.”

- V. Choose which Mac will “serve up” and which will “go get.”
 - Server = “serve up”
 - Client = “go get”

- VI. Software
 - Chooser/Appletalk
 - Turn Appletalk on
 - Control Panels/Appletalk
 - Connect via Ethernet (or modem port, or printer port, or remote access)
 - Control Panels/File Sharing
 - Make sure the computer has a name, which can be different from the owner’s name
 - Choose a password
 - Click “Start File Sharing”
 - File Sharing/Users & Groups
 - Create an account for another computer
 - New User: type Client’s name and password
 - When finished with the File Sharing Control Panel
 - Save Changes

- VII. Setting up a Server volume or folder to share
 - Sharing a removable volume such as a CD is not recommended
 - Select the Volume to be shared by clicking on it
 - Choose the File menu/Get Info/Sharing
 - Check the box that says, “Share the item and its contents.” (*continued next page*)

SANTA BARBARA MAC USERS GROUP (SBMUG)
Basic Guidelines for Networking Macs
November 2001

VII. Setting up a Server volume or folder to share (*continued*)

- Choose Users
 - Owner of Server
 - User if connecting two computers
 - Group if sharing with multiple computers
 - Guest = everyone and anyone
 - Last level is Users & Groups
- Set privileges
 - Start with “everyone”
 - Set to None, Read Only, or Write Only
(Write Only can add files but cannot change them once they are “dropped off.”)
- Close window

VIII. Setting up a Client to connect to the Server

- Go to Apple menu and choose Chooser
- Click on Appleshare
 - The name of the Server should appear
- Select the Server
 - Enter Client name that was designated by the Server
 - Enter the password if required
 - Click Connect
- Select the shared item you want to access
 - Leave the boxes unchecked!
 - The item will appear on your desktop

IX. When finished

- Client
 - Click on the desktop icon: Choose the File menu/Put Away
- Server
 - Choose Control Panels/File Sharing: Stop File Sharing
- To stop sharing one item, select it
 - Choose Get Info/Sharing: deselect the item

X. Useful links

- Network two Macs
<http://bowiehs.elpaso.k12.tx.us/network/how_to/network_two_macs/index.html>
- MacAddict article about networking
<http://www.macaddict.com/magazine/1997_11/network.html>
- Networking Tutorial from ThreeMacs.com
<<http://www.threemacs.com/7.11/networking2.shtml>>
- On newer Macs, Mac Help covers Ethernet