Connecting to OSX server from OSX.

OSX server can provide shares on both SMB (service message block) and AFP (apple file protocol). Not surprisingly, AFP is the default.

In our examples, we're going to pretend that the server name is folsom.oscr.arizona.edu, and our username is "cash."

To connect to a server, go to the desktop and select "Go", then "Connect to Server." Alternatively, just hit the "apple" (aka "command") key and the letter 'K.' You'll get a window like this:

![Window for connecting to a server](connecting_to_server.png)

**CONNECTING VIA AFP:**

In "server address," just type it in. Now, because OSX defaults to AFP for this, you will be attempting to connect via AFP. You could also explicitly tell your machine to use AFP. To do that, you'd type "afp://folsom.oscr.arizona.edu" instead of just "folsom.oscr.arizona.edu." Either way, you'll get two windows up on your desktop. One like this:

![Connecting to server](connecting_to_afp.png)

(If you don't get this one, either your machine's not on the network, or the server isn't - or both!)
And one like this:

![Connect to Server dialog box](image)

Here's where you put in your name and password. You should at this point be able to see and select from the shares available to you. This method should work from any point on the internet: as of Fall 2005, the campus network does *not* block afp packets at the border, so you won't need to connect to the campus VPN first.

**CONNECTING VIA SMB:**

Why? Well, because you might want to, for example to make sure that the filenames you're using are going to be readable by Windows clients as well as Mac clients. Also, the method for connecting to a OSX server over SMB is generally the same that you'd use to connect to Windows server.

You start the same way: Hit Apple-K or choose "Go:Connect to Server," getting the "Connect to Server" dialog box. This time, you have to specify that you'll be using SMB. Also, you'll have to specify the share name as well as the server name. For our example, this means you'd type in "smb://folsom.oscr.arizona.edu/cash", or "smb://folsom.oscr.arizona.edu/temp." Assuming that there really is such a server and share, you'll get a dialog box like this:
OK, not totally like this. Rather than "FOO," there will be information identifying the windows names of the machine and/or its workgroup or domain.

It's possible that if you're really connecting to a windows machine here that you'll need to know the Workgroup or Domain name and supply that. This won't be the case if you're connecting to an OSX box, so for now just know that here's where you put in your name and password. If you don't make a typo, your share will mount at this time.

Note that this will work on wired campus connections but not from off campus or over some wireless connections unless you've got the campus VPN connection running first.