There is no Cloud

It's just someone else's computer

Cloud Virtual Machines

- Amazon Web Services (EC2)

- Digital Ocean (Droplets)

- Linode

- Lots of others

- $5 - $10 per month gives you a decent server you can do actual work on

Amazon Web Services

- Amazon Educate program

- Compute Credits for students and classes

- https://aws.amazon.com/education/awseducate/

  - Create your own AWS account (you'll have to have a credit card to sign up)

  - Add AWS Educate credits $100/year

Class Web Servers

- **You** get a web server, and **you** get a web server…

- Everyone gets their own web server

- Built on AWS using OpsWorks and Chef for some automation

- Simple portal page to manage your server
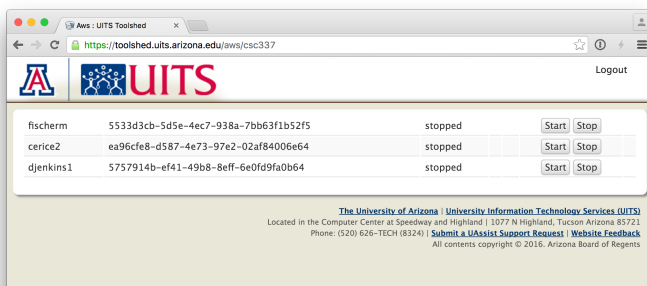

Management Site

`https://toolshed.uits.arizona.edu/aws/csc337`

- Start & Stop your server

- See your server's IP address

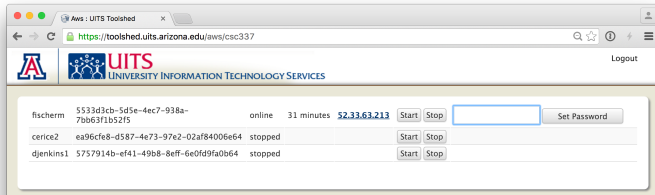- Change your login password

- Your username is your UA NetID

Management Site

`https://toolshed.uits.arizona.edu/aws/csc337`

Management Site

- Once your server is 'online' you can set your password

- Only have to set your password once

- Log in to your server using SSH

- Stop your server when you're not working on it

Connecting • Mac
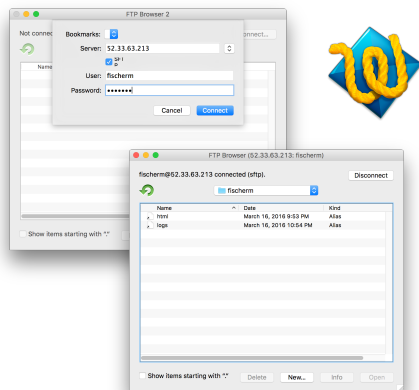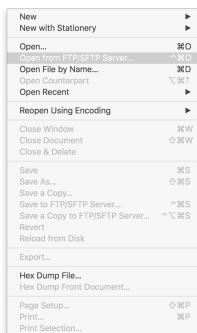
- Terminal

- Applications/Utilities/Terminal.app

Connecting • Mac

- Remotely Editing Text

- Many Many options

  - Feel free to use whatever you want
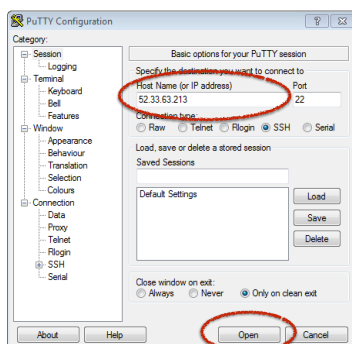
- TextWrangler is the one I can help you with

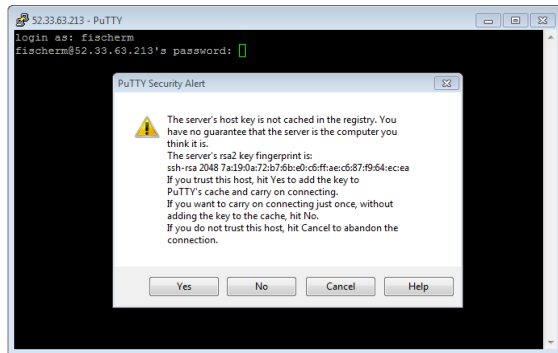`http://www.barebones.com/products/textwrangler/`

Connecting • Mac

Connecting • Windows

- Putty
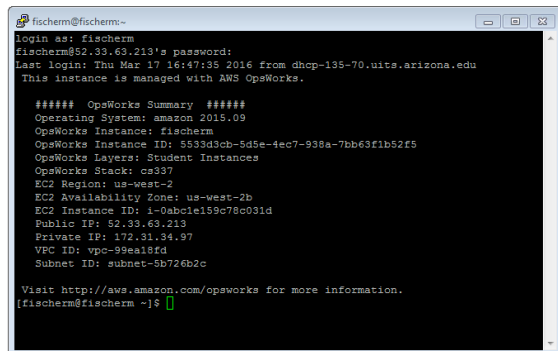
`http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html`

Connecting • Windows

Connecting • Windows

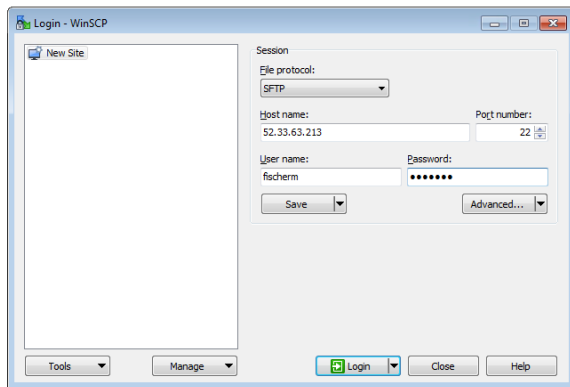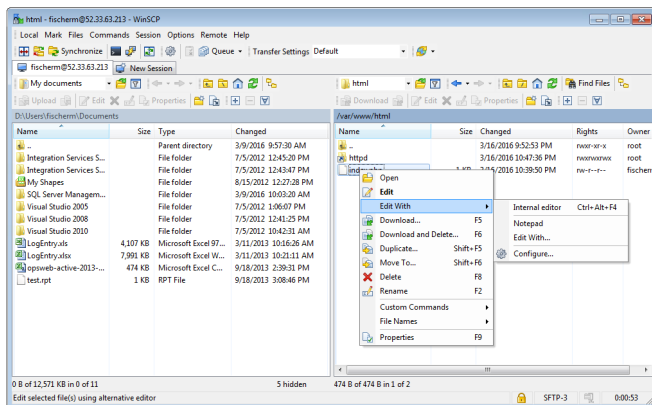# Connecting • Windows

- Remotely Editing Text

- Many Many ways to do this

  - Use whatever you can figure out

- WinSCP is the one I can help you with

    https://winscp.net/eng/download.php

Connecting • Windows

Connecting • Windows

Make Some Directories

Command Line Basics