Week01 - Getting Started in the Cloud

August 17, 2021

In this class we will use cloud machines instead of our own personal PCs. This document explains how to get started.

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1   Why Cloud Machines?

Using a Linux server in the cloud means you don't have to worry about breaking your own PC. You're new to Linux and you might mess something up. It's safest that we use a cloud server because it's cheap and if you break something - It doesn't matter! You can just start over.

2   Which provider to use?

We're using Digital Ocean. For the last few years they've been giving a \$100 free credit to new users. This means you can complete this workbook for free! I suspect you'll really like Digital Ocean, and then after your free trial is over you can use it for your real projects.

I'm voting against AWS and Google Cloud Platform or the like because I know many people have found them quite complicated in terms of usage and billing.

3   We're using Debian 10

There are many different Linux distros out there to choose from. Whereas with Windows there is only one OS to use, when it comes to Linux you can choose from

- Debian 10

- Ubuntu

- Red Hat

- Fedora

- OpenSuse

- etc..

These are all very similar, but there are certain differences between them. I don't want to waste time in this book covering the tiny differences in what you need to type on Debian 10 vs Debian 9 vs Ubuntu 18.04 vs Fedora 34.

Make sure you do this class with Debian 10.

Which distro will you use?
> Debian 10
Please tell me again?
> I will use Debian 10 for this class.
Great!

4   TODO - take screenshots of how to set up a digital ocean account

include link to video explaining how to