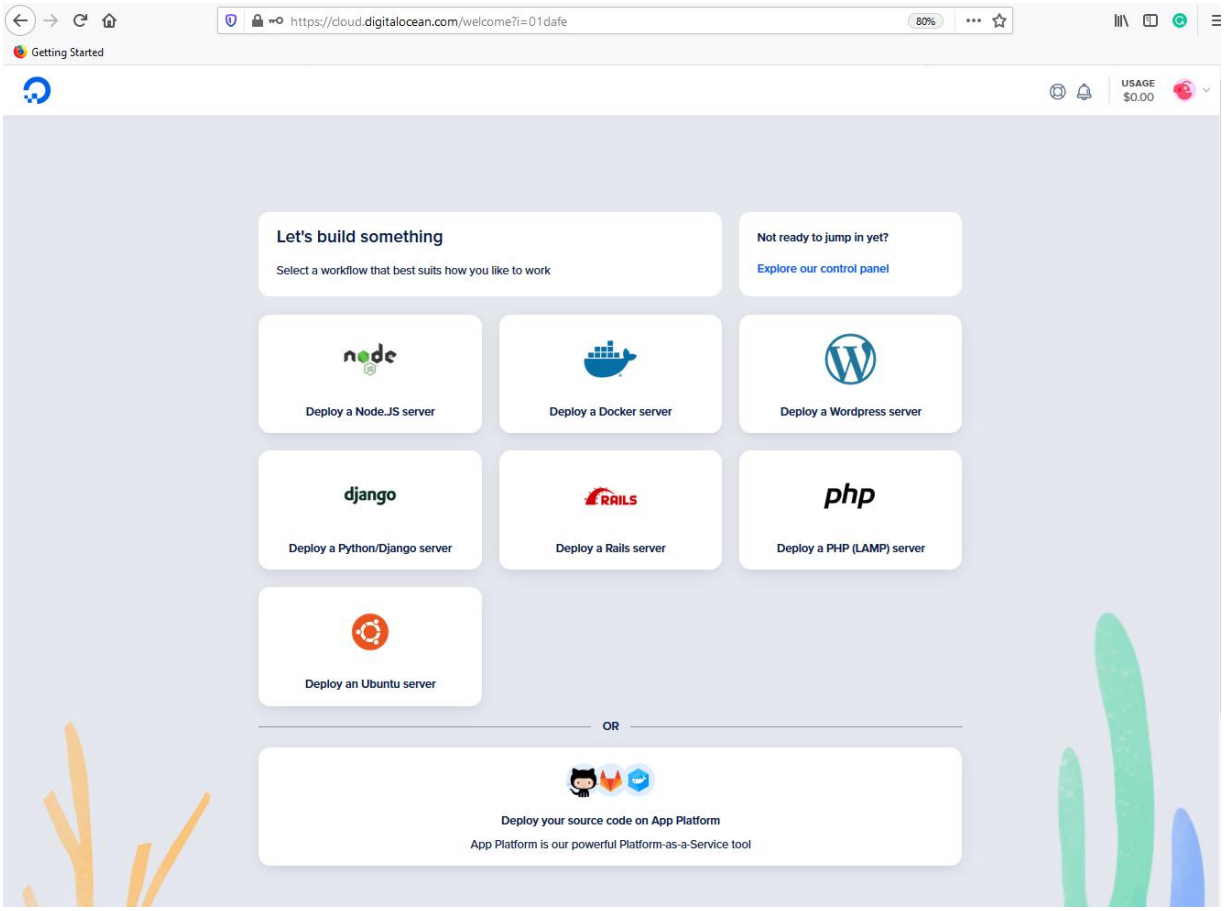
Access a Linux Machine

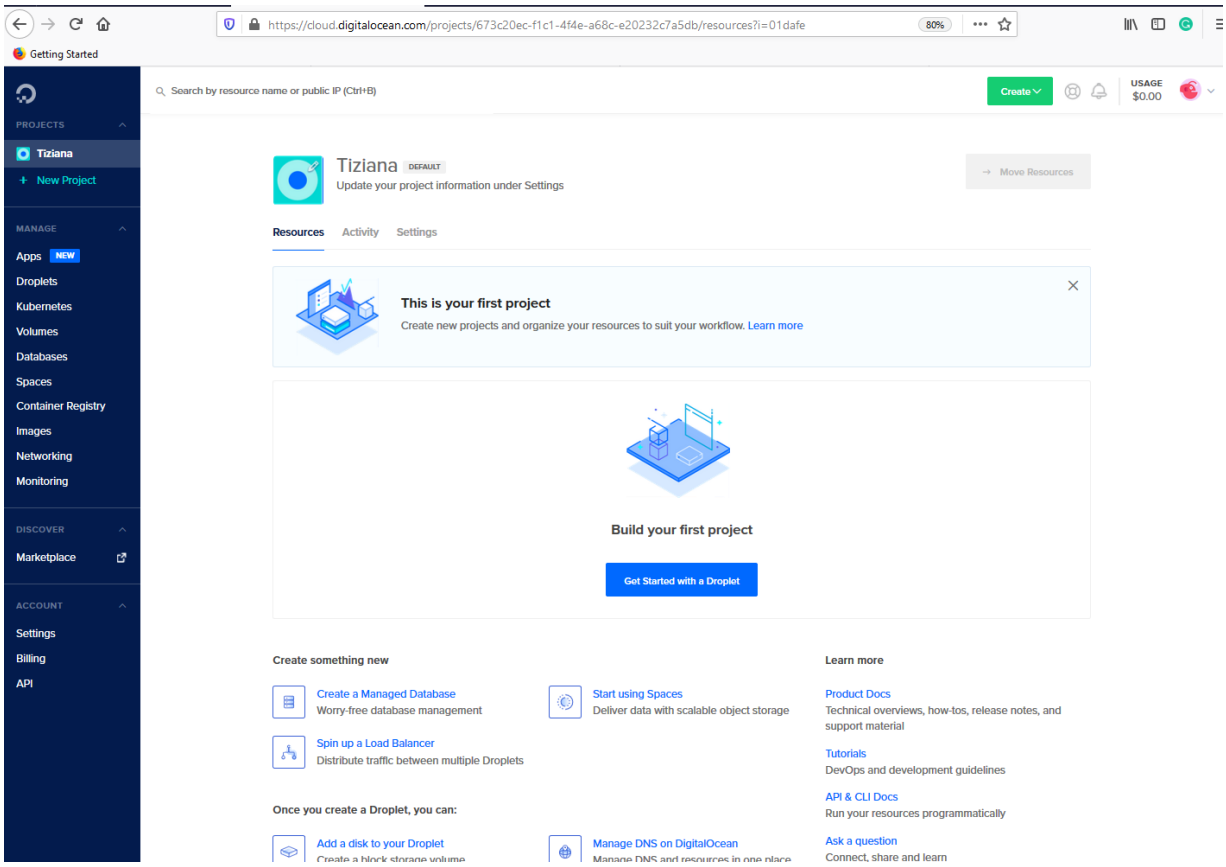
The BLC-Framework runs on Linux. If you don't have access to a Linux machine, you can get a virtual machine on AWS, Google Cloud, or Digital Ocean. Setting up a virtual machine on Digital Ocean takes about ten minutes. The following section describes how to get started on Digital Ocean. If you already have a Linux machine, you can jump ahead to the installation steps.

https://www.digitalocean.com/
Sign up for a new account
Add a credit card
Click on *Let's make something*

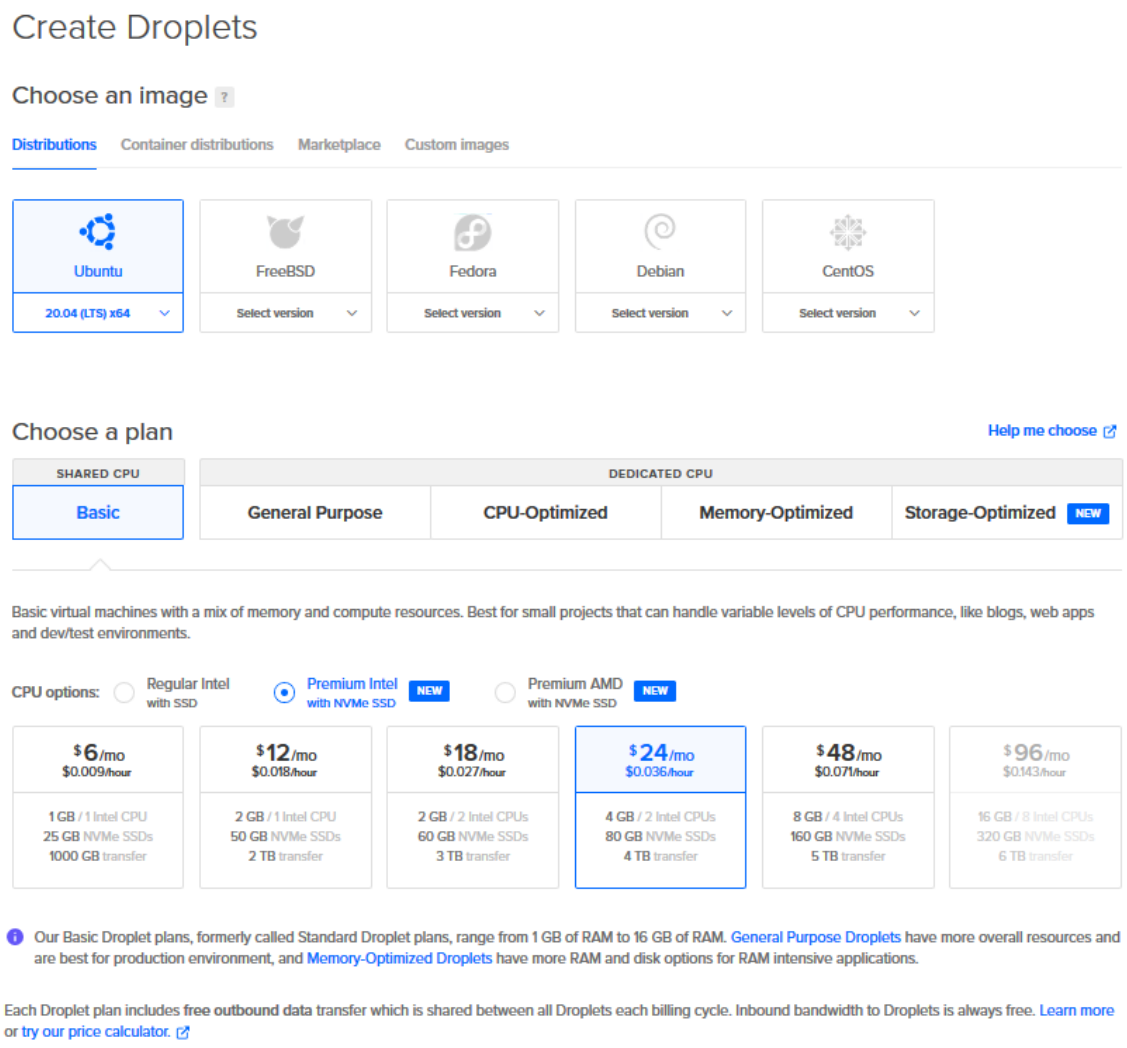
You will see a screen like:



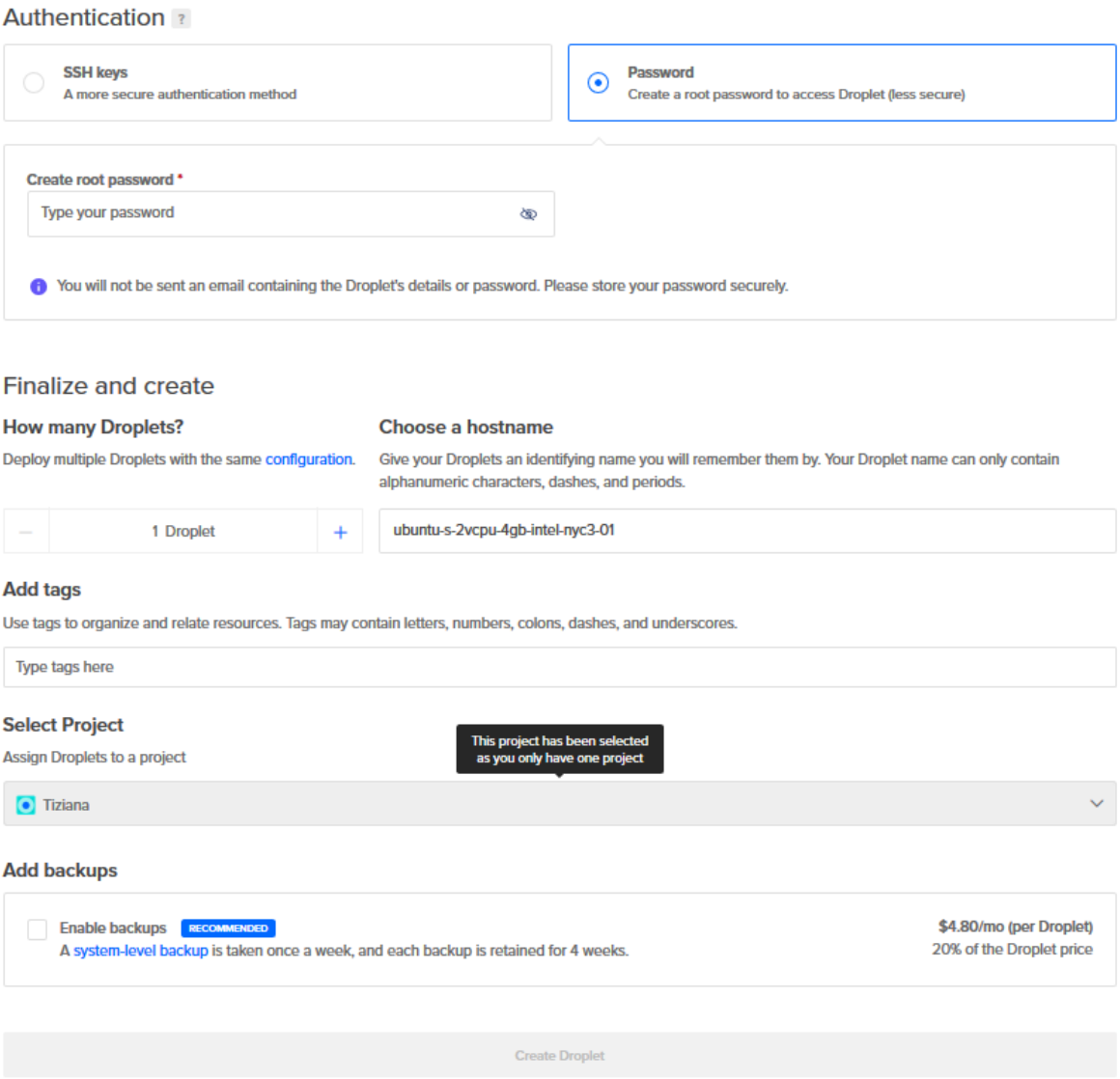
Click on Explore our control panel. You will see a screen like:



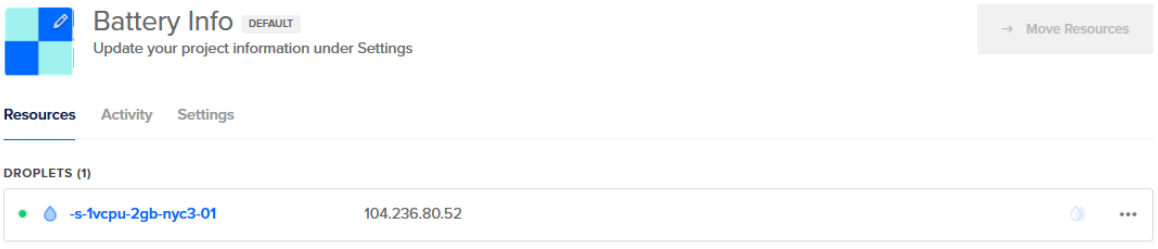
Click on Get Started with a Droplet. You will see a page that looks like this:



Select the $24/m choice to make sure that you have enough RAM (4GB) to run the web interface and the data importer. Keep scrolling. The bottom of the page will look like:



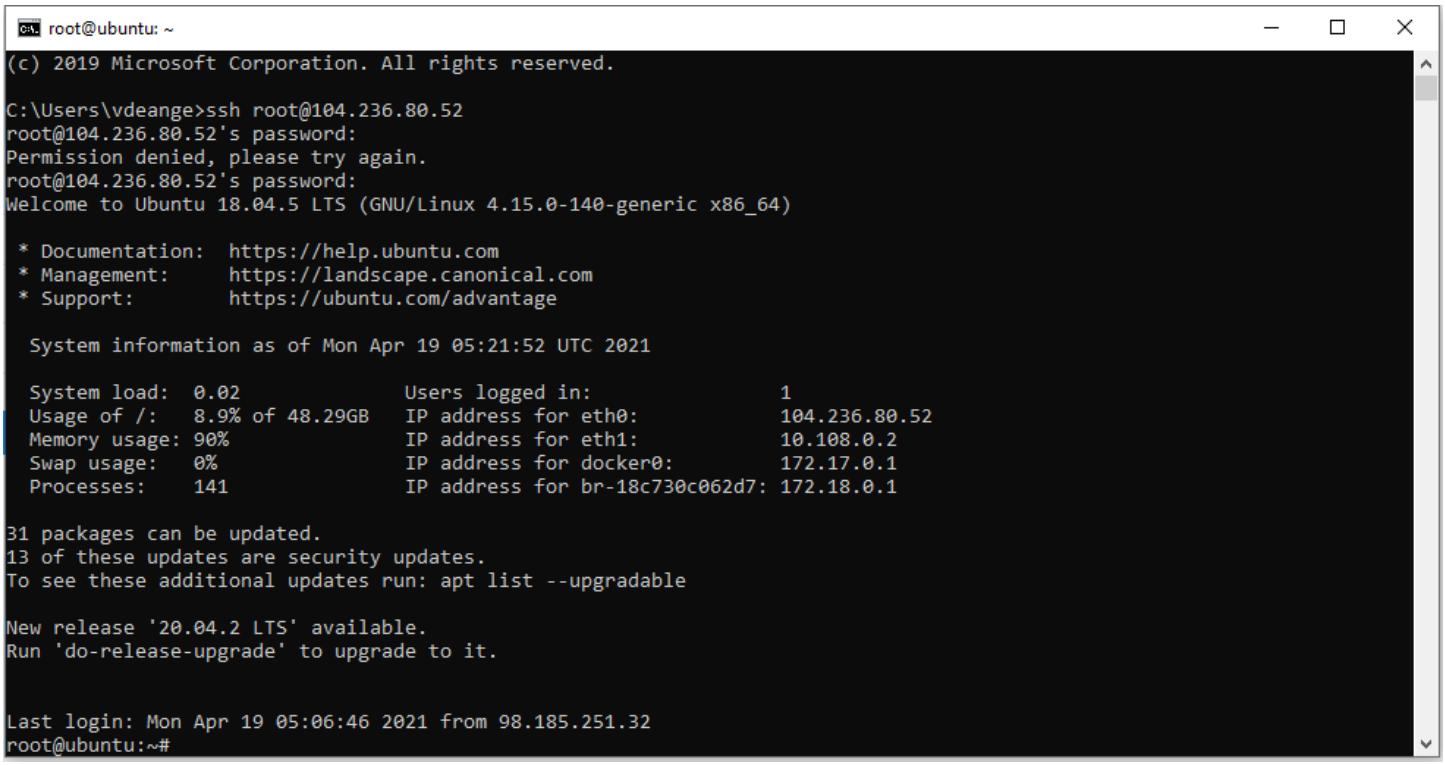
Create a root password that meets the requirements and click Create Droplet (the Create Droplet button turns from gray to green when you have entered an acceptable root password). In the next page, you will see the address of the Droplet you created. Note the IP address. You will need it to access your new Linux machine and later to access the BLC framework.



Go to a command window (CMD in Windows or Terminal on a MAC) and type:

ssh root@your IP

Follow the steps to login. You will see a screen like:



Congratulations! You have created your first Linux virtual machine and can now install the BLC-Framework.

Install required packages on UBUNTU

Please install docker-compose, docker, unzip, and pip3 using the commands below.

sudo apt update
sudo apt install docker-compose
sudo apt install docker.io
sudo systemctl enable --now docker
sudo apt install unzip
sudo apt install python3-pip