

# SERVER PROJECT: DOCUMENTATION

## CREATE THE DROPLET

### PRIOR

- Make Github account, apply for education pack and look up code for DigitalOcean
- Make DigitalOcean account
- Insert the Github code in your DigitalOcean profile ('Settings' > 'Billing') to receive \$50 credit

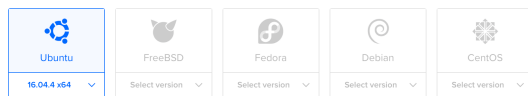
### TUTORIALS USED:

<https://www.digitalocean.com/community/tutorials/how-to-create-your-first-digitalocean-droplet>

<https://www.digitalocean.com/community/tutorials/how-to-use-ssh-keys-with-digitalocean-droplets>

<https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-16-04>

### SCREENSHOTS OF SETTINGS



#### Choose a size

##### Standard Droplets

Balanced virtual machines with a healthy amount of memory tuned for host and scale applications like blogs, web applications, testing / staging environments, in-memory caching and databases.

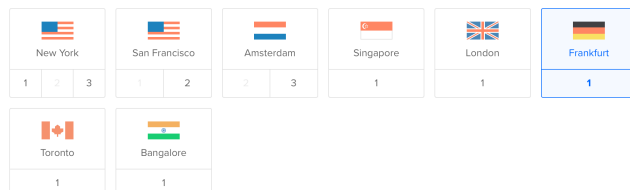
MEMORY	vCPUs	SSD DISK	TRANSFER	PRICE
1 GB	1 vCPU	25 GB	1 TB	\$5/mo \$0.007/hr
2 GB	1 vCPU	50 GB	2 TB	\$10/mo \$0.015/hr

##### Optimized Droplets

Compute optimized virtual machines with dedicated hyper-threads from best in class Intel CPUs for CPU intensive applications like CI/CD, video encoding, machine learning, ad serving, batch processing and active front-end web servers.

MEMORY	DEDICATED vCPUs	SSD DISK	TRANSFER	PRICE
4 GB	2 vCPUs	25 GB	5 TB	\$40/mo \$0.060/hr
8 GB	4 vCPUs	50 GB	5 TB	\$80/mo \$0.119/hr


#### Choose a datacenter region



## THE RESULT

# Droplets

[Droplets](#) [Volumes](#)

Name	IP Address	Created ▲	Tags
 <b>MyFirstDroplet</b> 1 GB / 25 GB Disk / FRA1 - Ubuntu 16.04.4 x64	159.65.112.152	Go change the world!	<a href="#">More ▼</a>