

Activity D2: Set Up a Virtual Private Server (VPS) on Digital Ocean

Re-submit Assignment

Due Jan 9 by 11:59pm **Points** 5 **Submitting** a file upload

For this assignment, do the following:

1. Follow the [how to create your first droplet tutorial](https://www.digitalocean.com/community/tutorials/how-to-create-your-first-droplet-tutorial) (<https://www.digitalocean.com/community/tutorials/how-to-create-your-first-digitalocean-droplet>) to create a remote server using DigitalOcean. They call their servers "droplets". The \$5 version will be fine. Use a Ubuntu image so you want to follow along with our advice this semester. **Skip Step 7 of the tutorial** (Select SSH keys). You will setup SSH keys later according to the directions on this page.

At the conclusion of this step, verify that you can use the username root and the password that was emailed to you to login to your Digital Ocean server. You can do this with

```
ssh root@45.55.164.105
```

Be sure to substitute your own IP address.

2. Follow steps 1-3 on the [initial server setup tutorial](https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-16-04) (<https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-16-04>) to create a non-root user with sudo privileges. Use your non-root user to log in so you don't do everything with root privileges (which can cause your server to be less secure).






























At the conclusion of this step, verify that you can use the your own username and password to login to your Digital Ocean server. You can do this with

```
ssh username@45.55.164.105
```

Be sure to substitute your own username and IP address.

From now on, you will do everything on your Digital Ocean machine with this username. When you need to do something that requires root access, you will use the *sudo* command. We will show you how to do this.

3. Turn in the assignment by submitting a screenshot of you using ssh to login to your Digital Ocean machine with your own (non-root) account.

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