

This is my documentation and findings on how to get started to use Digital Ocean to get our Fluree Server up and running on this server. I work on a Windows PC so the Command Line Interface (CLI) commands will need to be adjusted to fit other operating systems.

**Connecting to Digital Ocean server:**

1. In your CLI type the following command:

>***ssh -I path\_to\_your\_ssh\_public\_key*** [***root@****IP\_ADRESS\_HERE*](mailto:root@255.255.255.0)

* Note: **path\_to\_your\_ssh\_public\_key** is the directory in which your SSH key is stored which you needed to be granted access to the Digital Ocean server.
* **IP\_ADRESS\_HERE** Refers to the IP address of the server, this is required to establish a connection between your machine and the server.

**Creating a backup of Docker Container (Every step is in CLI):**

1. Commit the container to an image

>***docker commit A B/C:D***

* 1. A = the name of the container for example car\_service
  2. B = Your Docker username for example bob1230
  3. C = The assigned name for your docker image ex. cs1-image (Must be lowercase)
  4. D = The assigned tag for example :latest
  5. Result = ***docker commit car\_service bob1230/cs1-image:latest***

1. Tag your docker image:

* ***docker tag schmidt1230/fluree\_server3-image:latest schmidt1230/fluree\_server3-image:latest***

1. Log in to docker Hub:

* ***Docker login***

1. Push the image:

* ***docker push schmidt1230/fluree\_server3-image:latest***