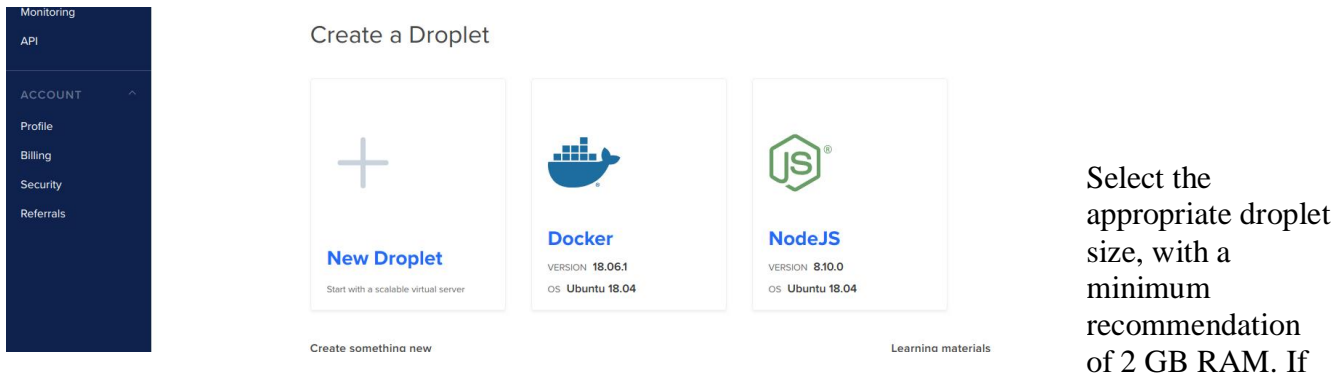


# How to Deploy IronDB as a DigitalOcean Droplet

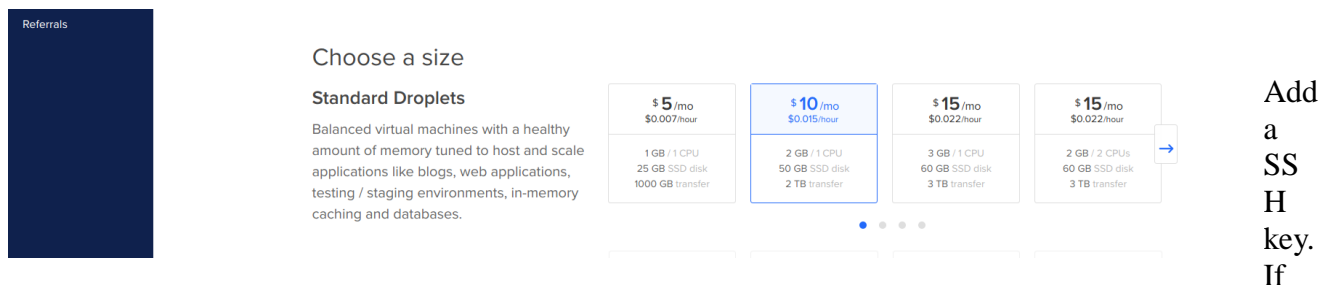
## (Developer Edition)

The following document describes how to deploy the Iron Database on [DigitalOcean](#). Create an account with DigitalOcean.

Create a new droplet based on the Docker Ubuntu 18.04. When making the droplet, tell it you will be using Docker and it will populate the option on the next screen. This will have all the tools installed that are needed for a deployment.

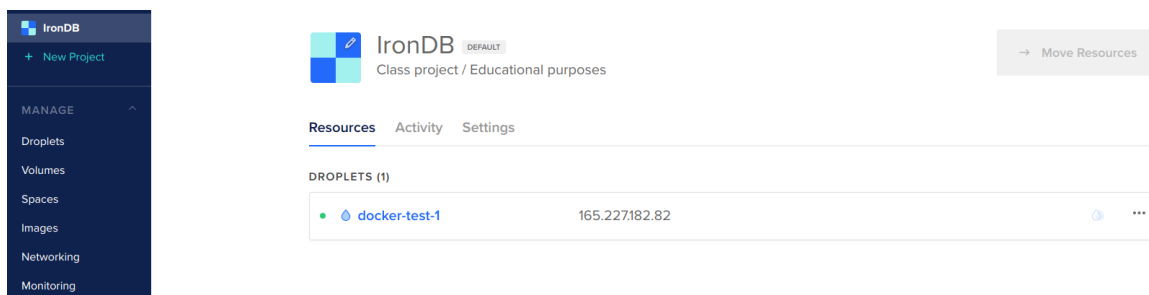


you find yourself lost at any point, head over to [the documentation](#).



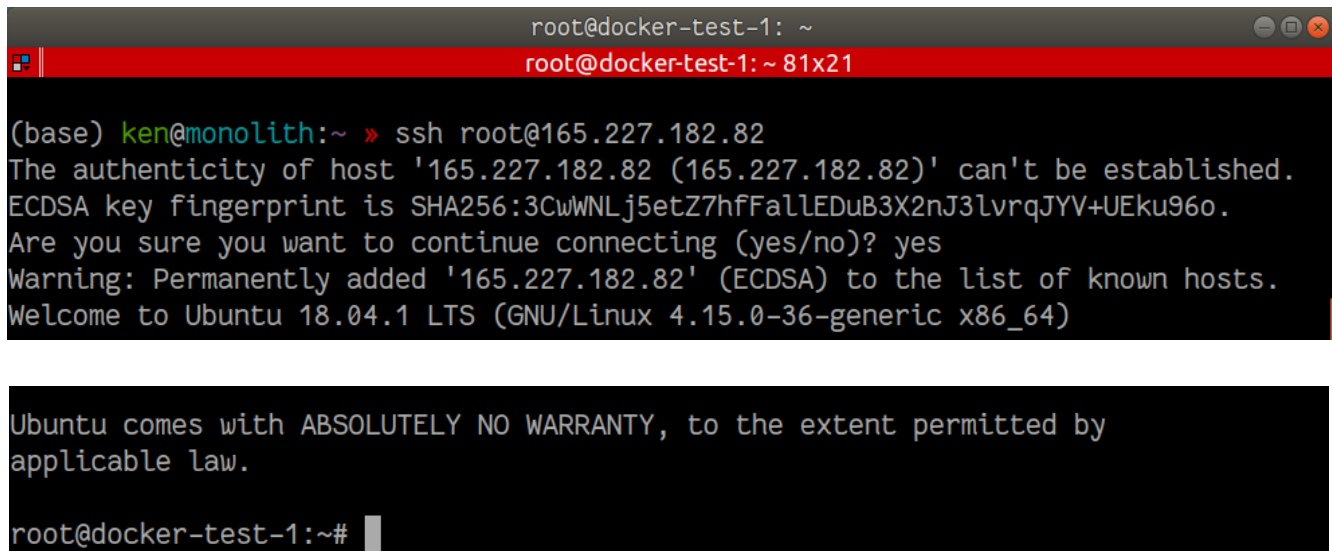
you are using Linux or macOS, a SSH key can be made with the command `ssh-keygen` or use one that you have previously generated, which is often stored as `~/.ssh/id_rsa.pub`

When you create your droplet it will give you an IP address, copy that.



From there, open your terminal and enter the following command.

```
ssh root@your.ip.address
```

A terminal window titled 'root@docker-test-1: ~' with a red header bar. The terminal shows a user 'ken@monolith' running 'ssh root@165.227.182.82'. It displays a warning about the host's authenticity, a fingerprint, and a confirmation to continue. The user responds 'yes'. The terminal then shows the Ubuntu 18.04.1 LTS login banner and the prompt 'root@docker-test-1:~#'.

```
root@docker-test-1: ~
root@docker-test-1: ~ 81x21

(base) ken@monolith:~ » ssh root@165.227.182.82
The authenticity of host '165.227.182.82 (165.227.182.82)' can't be established.
ECDSA key fingerprint is SHA256:3CwWNLj5etZ7hfFalleDuB3X2nJ3lvrqJYV+UEku96o.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '165.227.182.82' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 18.04.1 LTS (GNU/Linux 4.15.0-36-generic x86_64)

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

root@docker-test-1:~#
```

Then do the following:

```
git clone https://github.com/kenbonilla/irondb.git
cd irondb
./iron.sh -i
```

Provide a username and password for the Postgres instance. If running as a non-root user, you will be asked to enter your user password in order to install the local dependencies.

At any time, you can view the logs by the command `./iron.sh -g`

To stop the containers, use `./iron.sh -s`

To launch the containers, use `./iron.sh -l`

For additional help with the Iron Shell, consult `./iron.sh -h`