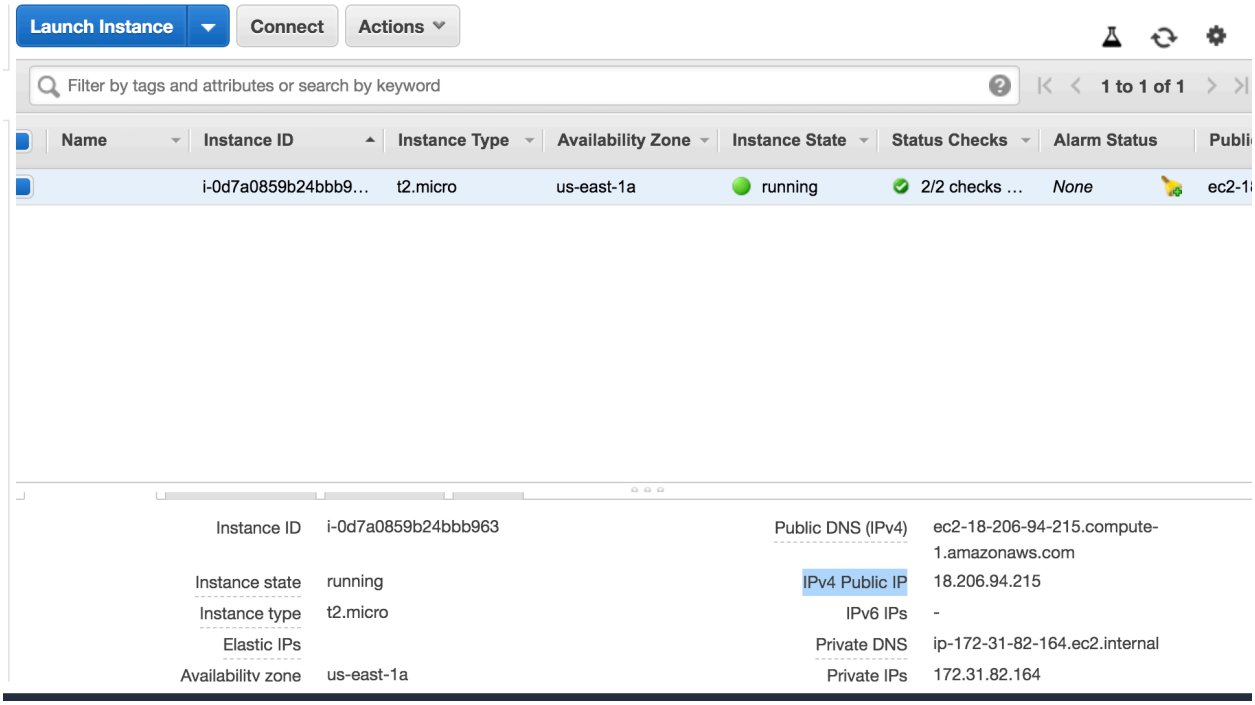
- setting up the server on an Amazon Elastic Compute Cloud (EC2) Ubuntu Server, the one I used is 64 bit image, Ubuntu.
- create a new ssh key pair, the one I created- AME394Fall2019.pem. Then you will get a downloaded file, which is your key.

- https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:sort=instanceId

- here you can see my key pair name and IPv4 Public IP address (blue color)
- Visit your EC2 Dashboard, and instance state should be "running" eventually, then you can find your public IP address.



- Then, go to Terminal and following these steps below:

1 cd Downloads/AME394Fall2019/cloudServerEg

2 ssh ubuntu@18.206.94.215 (your IP address)
3 then your machine is going to ask you "Are you sure you want to continue connecting (yes/no)? type "yes"
4 connecting to your machine…

```
  res.send(VALUE1 + "\n" + VALUE2);
});

app.use(methodOverride());
app.use(bodyParser());
app.use(express.static(__dirname + '/public'));
app.use(errorHandler());

console.log("Simple static server listening at http://" + hostname + ":" + port)
;
app.listen(port);
ubuntu@ip-172-31-30-146:~/AME394Fall2019/cloudServerEg$
ubuntu@ip-172-31-30-146:~/AME394Fall2019/cloudServerEg$ node server.js
body-parser deprecated bodyParser: use individual json/urlencoded middlewares se
rver.js:30:9
body-parser deprecated undefined extended: provide extended option node_modules/
body-parser/index.js:105:29
Simple static server listening at http://localhost:3000
```

5. node server.js

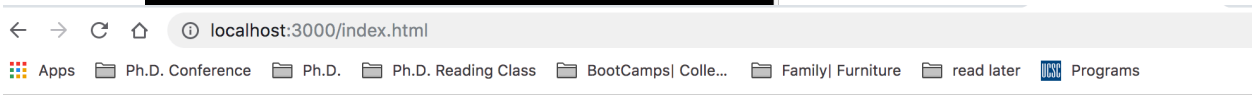
6, then server is receiving and shows your an address. http://localhose:3000

7. open the code called watchCode/Arduino 1.8.7

8. under the void loop -> change the IP address to your IP address. and then running it.

9. go to google chrome, type localhost:3000/index.html, you should see a simple html-based web. type something

10, copy and past the yellow address(below) to a new webpage, you should see something that your typed on last step.



Internet Remote

Submit