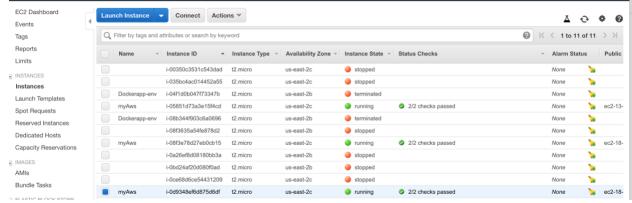
1. Created 3 instances on AWS and check if they are in running state



- **2.** You can start 3 instances on your Terminal/Command prompt. Following are the commands:
 - Permission to your .pem file: chmod 400 (permissions for read)
 - Start your instance: ssh ec2-user@<public_ip> -i <.pem file> (**Note:** All unix commands are in the respective instance files.)
- **3.** Once you have that, download Cassandra on all three servers.
- **4.** Execute the following commands to get your Cassandra installed on all the instances that are created by you.
 - sudo yum install java-1.8.0-openjdk.x86_64
 - sudo yum install wget
 - wget https://www-eu.apache.org/dist/cassandra/3.11.3/apache-cassandra-3.11.3-bin.tar.gz (Note: This is the latest Apache Cassandra version)
 - sudo yum install net-tools
- 5. In order to make cluster we need to make changes in the configuration file called cassandra.yaml
- 6. Unzip Cassandra:
 - tar -xzvf apache-cassandra-3.11.3-bin.tar.gz
 - cd apache-cassandra-3.11.3
 - cd conf
- 7. You can get the IP address from your instances created on AWS under IPv4 Public IP section. Open cassandra.yaml in VIM and change the following things:
 - seeds: IP_ADDRESS (Replace localhost or "127.0.0.1" and leave everything else same.)
 - listen_address: IP_ADDRESS
 - start_rpc: true
 - rpc_address: IP_ADDRESS
- **8.** Start Cassandra on one server, using the following command:
 - cd ~/apache-cassandra-3.11.3/bin

- ./cassandra
- **9.** Now, on other two machines, we need one more change in the config file to point to this server.
 - seeds: IP_ADDRESS of previously started server (previously we replaced the localhost with server IP)
- 10. Start Cassandra like you did on the other server.
- **11.**Check with command "nodetool status". This will display all the nodes that are up and running on the Cluster.