



Usage instructions:

1. Launch the product via 1-click. **Please wait until** the instance passes all status checks and is running. You can connect using your Amazon private key and 'ubuntu' login via your SSH client.

To update software, use: **sudo apt-get update**

2. Navigate to the directory containing docker-compose.yml.

cd /home/ubuntu#

3. Launch the containers using the Docker Compose command:

docker-compose --project-name pinot-demo up -d

```
ubuntu@ip-172-31-49-123:~$ docker-compose --project-name pinot-demo up -d
```

Wait until the containers are complete.

```
ubuntu@ip-172-31-49-123:~$ docker-compose --project-name pinot-demo up -d
Creating pinot-zookeeper ... done
Creating kafka           ... done
Creating pinot-controller ... done
Creating pinot-broker    ... done
Creating pinot-server    ... done
```

4. Verify the container status:

docker container ls

For example:

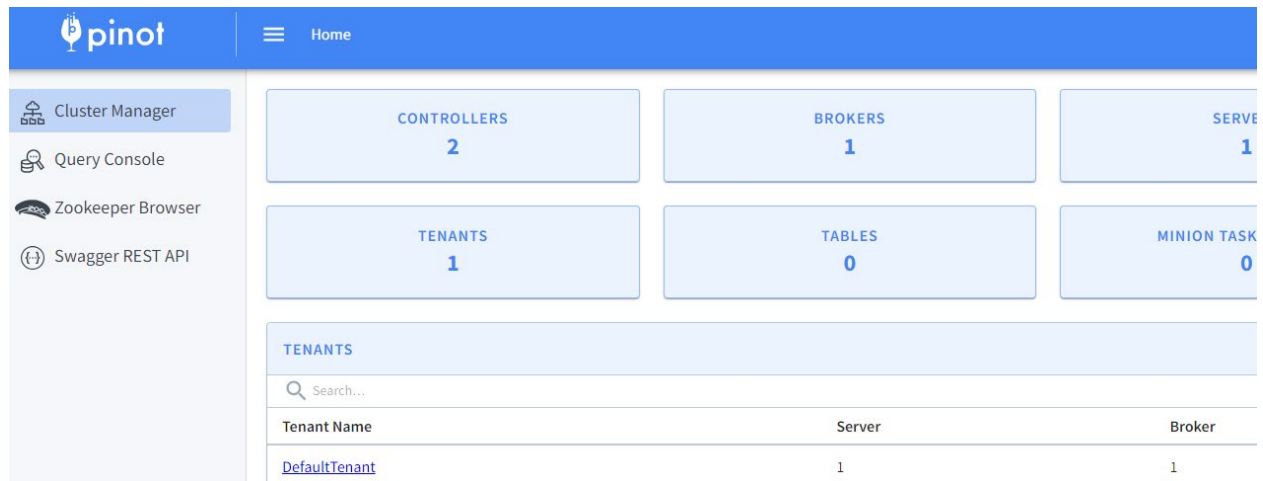
```
ubuntu@ip-172-31-59-28:~$ docker container ls
CONTAINER ID   IMAGE                                COMMAND
2d3e6460214e   apachepinot/pinot:1.1.0            "./bin/pinot-admin.s..."
74a26ad57a37   apachepinot/pinot:1.1.0            "./bin/pinot-admin.s..."
b9465ff8ee05   bitnami/kafka:latest               "/opt/bitnami/script..."
352e29e1ed11   apachepinot/pinot:1.1.0            "./bin/pinot-admin.s..."
29e5fab9996e   zookeeper:3.5.6                    "/docker-entrypoint...."
```

Exploring Data and APIs

Access Pinot Data Explorer:

- Open your browser and navigate to **http://your-Instance Public IP Address:9000** to access the Pinot Data Explorer UI.
- **For ex: http://32.36.36.24:9000**

If the GUI does not appear, refresh browser....



Tenant Name	Server	Broker
DefaultTenant	1	1

Load Sample Data:

- Follow the instructions in the Pinot Data Explorer to load sample datasets and start exploring.

Using APIs:

- Access various APIs through the Pinot Controller UI and execute queries to interact with your data.

For more detailed instructions and configurations, visit:

<https://docs.pinot.apache.org/#learn>

Other Helpful Info:

- The 'docker-compose.yml' file is located:
sudo nano docker-compose.yml

- List running containers

sudo docker ps -a

- To stop running containers

sudo docker stop \$(sudo docker ps -q)

- To remove stopped containers

sudo docker rm \$(sudo docker ps -a -q)

AWS Data

- Data Encryption Configuration: This solution does not encrypt data within the running instance.
- User Credentials are stored: /root/.ssh/authorized_keys & /home/ubuntu/.ssh/authorized_keys
- Monitor the health:
 - Navigate to your Amazon EC2 console and verify that you're in the correct region.
 - Choose Instance and select your launched instance.
 - Select the server to display your metadata page and choose the Status checks tab at the bottom of the page to review if your status checks passed or failed.

Extra Information: (Optional)

Allocate Elastic IP

To ensure that your instance **keeps its IP during restarts** that might happen, configure an Elastic IP. From the EC2 console:

1. Select ELASTIC IPs.
2. Click on the ALLOCATE ELASTIC IP ADDRESS.
3. Select the default (Amazon pool of IPv4 addresses) and click on ALLOCATE.
4. From the ACTIONS pull down, select ASSOCIATE ELASTIC IP ADDRESS.
5. In the box that comes up, note down the Elastic IP Address, which will be needed when you configure your DNS.
6. In the search box under INSTANCE, click and find your INSTANCE ID and then click ASSOCIATE.
7. Your instance now has an elastic IP associated with it.
8. For additional help: <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html>