wget https://downloads.apache.org/kafka/3.3.1/kafka\_2.12-3.3.1.tgz

tar -xvf kafka\_2.13-3.6.1.tgz

-----------------------

java -version

sudo yum install -y java-1.8.0-amazon-corretto-devel

java -version

cd kafka\_2.13-3.6.1

Start Zoo-keeper:

-------------------------------

bin/zookeeper-server-start.sh config/zookeeper.properties

Open another window to start kafka

But first ssh to to your ec2 machine as done above

Start Kafka-server:

----------------------------------------

Duplicate the session & enter in a new console --

export KAFKA\_HEAP\_OPTS="-Xmx256M -Xms128M"

cd kafka\_2.13-3.6.1

bin/kafka-server-start.sh config/server.properties

It is pointing to private server , change server.properties so that it can run in public IP

To do this , you can follow any of the 2 approaches shared belwo --

Do a "sudo nano config/server.properties" - change ADVERTISED\_LISTENERS to public ip of the EC2 instance

Create the topic:

-----------------------------

Duplicate the session & enter in a new console --

cd kafka\_2.13-3.6.1

bin/kafka-topics.sh --create --topic demo\_testing2 --bootstrap-server {Put the Public IP of your EC2 Instance:9092} --replication-factor 1 --partitions 1

Start Producer:

--------------------------

bin/kafka-console-producer.sh --topic demo\_testing2 --bootstrap-server {Put the Public IP of your EC2 Instance:9092}

Start Consumer:

-------------------------

Duplicate the session & enter in a new console --

cd kafka\_2.13-3.6.1

bin/kafka-console-consumer.sh --topic demo\_testing2 --bootstrap-server {Put the Public IP of your EC2 Instance:9092}