Ec2 instance should be associated with Security Group.

Each security group can have multiple Security Group Rule.

Graphical user interface

Description automatically generated

Install

sudo yum install java-1.8.0-openjdk

Text

Description automatically generated

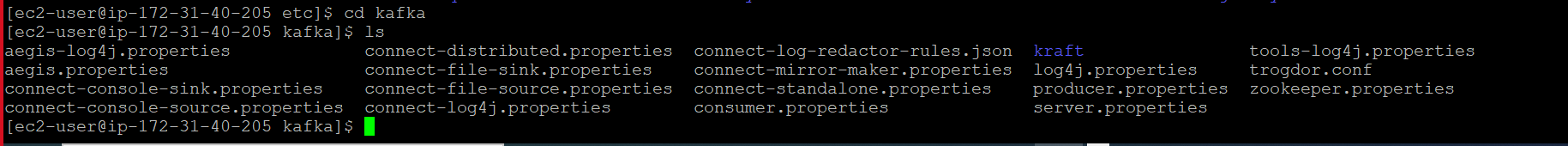
**Download confluent kafka community edition**

curl -O http://packages.confluent.io/archive/7.1/confluent-7.1.1.tar.gz

wget -O http://packages.confluent.io/archive/7.1/confluent-7.1.1.tar.gz

**Extract the Tar file**

tar xzf confluent-7.1.1.tar.gz



**Start zookeeper server in one EC2 machine**

././zookeeper-server-start /kafka/confluent-7.1.1/etc/kafka/zookeeper.properties

**Start kafka broker in one EC2 machine**

Update unique broker id in **server.properties** file

broker.id=0

update private ip or dns name of ec2 machine where zookeeper server is running

zookeeper.connect=172.31.40.205:2181

././kafka-server-start /kafka/confluent-7.1.1/etc/kafka/server.properties

export KAFKA\_HEAP\_OPTS="-Xmx256m -Xms120m -XX:ParallelGCThreads=1"

././kafka-topics --create --topic test-topic --bootstrap-server 172.31.46.166:9092 --replication-factor 1 --partitions 4

Run process in background

command &

**Access zookeeper admin UI**

can not access using https as certificate is not installed in ec2 machine

<http://ec2-43-205-118-74.ap-south-1.compute.amazonaws.com:8080/commands>

**admin.enableServer**

(Java system property: **zookeeper.admin.enableServer**)

Set to "false" to disable the AdminServer. By default the AdminServer is enabled.

**admin.serverPort**

(Java system property: **zookeeper.admin.serverPort**)

The port the embedded Jetty server listens on. Defaults to 8080.

**admin.commandURL**

(Java system property: **zookeeper.admin.commandURL**)

The URL for listing and issuing commands relative to the root URL. Defaults to "/commands".