

Download tar file of Kafka and install in cloud era.

Start the server:-

Need to start the Zookeeper server first

```
$ bin/zookeeper-server-start.sh config/zookeeper.properties &
```

Now start Kafka Server using below command.

```
./bin/kafka-server-start.sh config/server.properties
[2017-06-18 20:12:14,141] INFO Kafka version : 0.9.0.1 (org.apache.kafka.common.utils.AppInfoParser)
[2017-06-18 20:12:14,141] INFO Kafka commitId : 23c69d62a0cabf06 (org.apache.kafka.common.utils.AppInfoParser)
[2017-06-18 20:12:14,164] INFO [Kafka Server 0], started (kafka.server.KafkaServer)
[2017-06-18 20:12:14,438] INFO New leader is 0 (kafka.server.ZookeeperLeaderElector$LeaderChangeListener)
```

Creating of topics:-

Let's create a topic named "fast-messages" with a single partition and only one replica:

```
[cloudera@quickstart kafka_2.10-0.9.0.1]$ bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic fast-messages
Created topic "fast-messages".
[cloudera@quickstart kafka_2.10-0.9.0.1]$ [2017-06-18 20:21:45,865] INFO [ReplicaFetcherManager on broker 0] Removed fetcher for partitions [fast-messages,0] (kafka.server.ReplicaFetcherManager)
[2017-06-18 20:21:46,374] INFO Completed load of log fast-messages-0 with log end offset 0 (kafka.log.Log)
[2017-06-18 20:21:46,434] INFO Created log for partition [fast-messages,0] in /tmp/kafka-logs with properties {flush.messages -> 9223372036854775807, segment.bytes -> 1073741824}
```

Topic is created in the name of fast-messages

```
[cloudera@quickstart kafka_2.10-0.9.0.1]$ bin/kafka-topics.sh --list --zookeeper localhost:2181
fast-messages
[cloudera@quickstart kafka_2.10-0.9.0.1]$
```

Now for sending messages to this topic, you can use the console producer and send messages continuously

```
^C[cloudera@quickstart kafka_2.10-0.9.0.1]$ ./bin/kafka-console-producer.sh --broker-list localhost:9092 --topic fast-messages
```

Step: Start a consumer

```
bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic fast-messages --from-beginning
```

Verifying of Kafka

```
[cloudera@quickstart kafka_2.10-0.9.0.1]$ jps
14437 ConsoleProducer
13797 Kafka
9516 org.eclipse.equinox.launcher_1.3.0.v20140415-2008.jar
14743 Jps
[cloudera@quickstart kafka_2.10-0.9.0.1]$
```