**Kafka Installation manually without cloudera manager**

*# choose a directory to download kafka into. it could be really anywhere:**# /home, /var, /usr, /opt or even /tmp if you just wanna play with it.*

*#cd /opt*#*wget* [*http://mirror.fibergrid.in/apache/kafka/0.10.0.0/kafka\_2.10-0.10.0.0.tgz*](http://mirror.fibergrid.in/apache/kafka/0.10.0.0/kafka_2.10-0.10.0.0.tgz)

#*tar -zxvf kafka\_2.10-0.10.0.0.tgz*#*rm kafka\_2.10-0.10.0.0.tgz*#*cd kafka\_2.10-0.10.0.0.tgz*

**If we don't have zookeeper in the cluster start zookeeper first**

*Kafka uses ZooKeeper so you need to first start a ZooKeeper server if you don’t already have one. You can use the convenience script packaged with kafka to get a quick-and-dirty single-node ZooKeeper instance.*

so just run now at your console:

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

**If Zookeeper is already installed in cluster do the following**

Now start the Kafka server:

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

#### [Create a topic](http://kafka.apache.org/documentation.html#quickstart_createtopic)

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

**#**<kafka-home>**bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic test**

We can now see that topic if we run the list topic command:

**#**<kafka-home>**bin/kafka-topics.sh --list --zookeeper localhost:2181**

test

Alternatively, instead of manually creating topics you can also configure your brokers to auto-create topics when a non-existent topic is published to.

#### [Send some messages](http://kafka.apache.org/documentation.html" \l "quickstart_send)

Kafka comes with a command line client that will take input from a file or from standard input and send it out as messages to the Kafka cluster. By default each line will be sent as a separate message.

Run the producer and then type a few messages into the console to send to the server.

**#**<kafka-home>**bin/kafka-console-producer.sh --broker-list localhost:9092 --topic test**

**This is a message**

**This is another message**

#### [Start a consumer](http://kafka.apache.org/documentation.html" \l "quickstart_consume)

Kafka also has a command line consumer that will dump out messages to standard output.

#<kafka-home>**bin/kafka-console-consumer.sh --zookeeper localhost:2181 --topic test --from-beginning**

This is a message

This is another message

If you have each of the above commands running in a different terminal then you should now be able to type messages into the producer terminal and see them appear in the consumer terminal.

**Run the kafka server in baground:**

#<kafka-home>bin/kafka-server-start.sh -daemon config/server.properties