

## How to Use Kafka in CloudxLab

In Cloudx lab, there is no need to start the zookeeper and kafka server. You can directly create a topic and run the producer and consumer commands. Please use the below commands in your web console:

1. Firstly open a terminal and pass the below default location of the kafka

```
export PATH=$PATH:/usr/hdp/current/kafka-broker/bin/
```

2. Create a topic namely **data**

```
kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1  
--partitions 1 --topic data
```

3. Now start the producer of the created above topic

```
kafka-console-producer.sh --broker-list ip-172-31-13-154.ec2.internal:6667 --  
topic data
```

Similarly in another terminal, you can run consumer also.

4. Command for consumer

```
kafka-console-consumer.sh --zookeeper localhost:2181 --topic data --  
from-beginning
```

5. Command for listing of created topics

```
kafka-topics.sh --list --zookeeper localhost:2181 | grep data
```

**Note:** For IP address(host-address) of your Cloudx lab, go to Ambari>Click on Kafka(at the bottom left side of the page)>Click on any one of the running Kafka broker>on top left side of the page, you can see the IP address.

For further queries, you can refer the below link

<https://www.youtube.com/watch?v=DiBwxzM9aAo>