Steps to configure Kafka:

1. Navigate to Service.Properties using : sudo nano server.properties

2. Set at the end of the file as follows: delete.topic.enable = true

3. To configure the zookeeper navigate to zookeeper.service file using:

   sudo nano /etc/systemd/system/zookeeper.service

4. Connect the zookeeper to the servers by setting the paths as given below:

```
[Unit]
Requires=network.target remote-fs.target
After=network.target remote-fs.target
[Service]
Type=simple
User=kafka
ExecStart=/home/dbms_project/kafka_2.12-2.3.0/bin/zookeeper-server-start.sh  /home/dbms_project/kafka_2.12-2.3.0/config$
ExecStop=/home/dbms_project/kafka_2.12-2.3.0/bin/zookeeper-server-stop.sh
Restart=on-abnormal
[Install]
WantedBy=multi.user.target
```

5.To configure kafka navigate to kafka service file using:

   sudo nano /etc/systemd/system/kafka.service

6. Connect the kafka to the servers by setting the paths as given below:

```
[Unit]
Requires=zookeeper.service
After=zookeeper.service
[Service]
Type=simple
User=student_meghana
ExecStart= /bin/sh -c '/home/dbms_project/kafka_2.12-2.3.0/bin/kafka-server-start.sh /home/dbms_project/kafka_2.12-2.3.$
```

ExecStoph=/ome/dbms_project/kafka_2.12-2.3.0/bin/kafka-server-stop.sh
Restart=on-abnormal
[Install]
WantedBy=multi.user.target

7. To enable, start and check status of kafka:

   To enable kafka service : sudo systemctl enable kafka
   To start kafka service : sudo systemctl start kafka
   To check status of kafka : sudo systemctl status kafka

8. Commit following changes in the bashrc file:

   Navigate to the file : sudo nano ~/.bashrc

   export KAFKA_HOME= ”'/home/dbms_project/kafka_2.12-2.3.0”
   export PATH= ”$PATH:${KAFKA_HOME}/bin”

9. Check the consumer streaming data by connecting to localhost as follows :

kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic *topicname*