

```
saravanans@wecandonow.com :~$ ls
Kafka-Producer  kafka_2.11-2.2.2.tgz
saravanans@wecandonow.com :~$ tar -zxf kafka_2.11-2.2.2.tgz
saravanans@wecandonow.com :~$ ls
Kafka-Producer  kafka_2.11-2.2.2  kafka_2.11-2.2.2.tgz
saravanans@wecandonow.com :~$ cd kafka_2.11-2.2.2
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ ls
LICENSE NOTICE bin config libs site-docs
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ jps
28521 Jps
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$
```

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ ls
LICENSE NOTICE bin config libs site-docs
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ cd config/
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ ls
connect-console-sink.properties  consumer.properties
connect-console-source.properties  log4j.properties
connect-distributed.properties  producer.properties
connect-file-sink.properties  server.properties
connect-file-source.properties  tools-log4j.properties
connect-log4j.properties  trogdor.conf
connect-standalone.properties  zookeeper.properties
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ cp server.properties
server0.properties
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ vi
server0.properties saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$
```

```
broker.id=0
```

```
listeners=PLAINTEXT://:9092
```

```
log.dirs=/home/ubuntu/kafka-logs-0
```

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ vi
server0.properties saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ cp
server0.properties server1.properties
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ vi
```

```
server1.properties
```

```
broker.id=1
```

```
listeners=PLAINTEXT://:9093
```

```
log.dirs=/home/ubuntu/kafka-logs-1
```

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ cp  
server1.properties server2.properties  
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$
```

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ vi  
server2.properties
```

```
broker.id=2
```

```
listeners=PLAINTEXT://:9094
```

```
log.dirs=/home/ubuntu/kafka-logs-2
```

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ jps  
28596 Jps  
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$
```

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$  
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ vi  
zookeeper.properties  
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$ cat  
zookeeper.properties
```

```
dataDir=/home/ubuntu/zookeeper
```

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2/config$

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ netstat -nltp
Command 'netstat' not found, but can be installed with:
sudo apt install net-tools
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ sudo apt install net-tools

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ netstat -nltp | grep 909
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ jps
28980 Jps
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/zookeeper-server-
start.sh config/zookeeper.properties
[2022-11-02 06:24:31,460] INFO Reading configuration from:
config/zookeeper.properties
(org.apache.zookeeper.server.quorum.QuorumPeerConfig)
[2022-11-02 06:24:31,465] INFO autopurge.snapRetainCount set to 3 (org.a
```

open another terminal

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ jps
28994 QuorumPeerMain
29318 Jps
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-server-start.sh
config/server0.properties
```

open another terminal 2

```
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ jps
28994 QuorumPeerMain
29334 Kafka
29687 Jps
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$
```

```

saravanans@wecandonow.com :~$ netstat -nltp | grep 909
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
tcp6      0      0 :::9092          :::*              LISTEN
29334/java
saravanans@wecandonow.com :~$

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-server-start.sh
config/server1.properties

```

open another terminal 3

```

saravanans@wecandonow.com :~$ jps
30065 Jps
28994 QuorumPeerMain
29714 Kafka
29334 Kafka

saravanans@wecandonow.com :~$ netstat -nltp | grep 909
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
tcp6      0      0 :::9092          :::*              LISTEN
29334/java
tcp6      0      0 :::9093          :::*              LISTEN
29714/java
saravanans@wecandonow.com :~$

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-server-start.sh
config/server2.properties

```

open another terminal 4

```

saravanans@wecandonow.com :~$ jps
28994 QuorumPeerMain
29714 Kafka
29334 Kafka
30441 Jps
30090 Kafka
saravanans@wecandonow.com :~$

saravanans@wecandonow.com :~$ netstat -nltp | grep 909
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)

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```

tcp6      0      0 :::9094          :::*              LISTEN
30090/java
tcp6      0      0 :::9092          :::*              LISTEN
29334/java
tcp6      0      0 :::9093          :::*              LISTEN
29714/java
saravanans@wecandonow.com :~$

```

```

saravanans@wecandonow.com :~$
saravanans@wecandonow.com :~$ cd kafka_2.11-2.2.2/
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ ls ../
Kafka-Producer  kafka-logs-1  kafka_2.11-2.2.2      zookeeper
kafka-logs-0    kafka-logs-2  kafka_2.11-2.2.2.tgz

saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --list
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --create --partitions 1 --replication-factor 1 --
topic robochef
Created topic robochef.
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --list
robochef
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --describe --topic robochef
Topic:robochef PartitionCount:1 ReplicationFactor:1 Configs:
      Topic: robochef Partition: 0 Leader: 2 Replicas: 2
Isr: 2
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --create --partitions 1 --replication-factor 1 --
topic boa
Created topic boa.
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --describe --topic bboa
Error while executing topic command : Topics in [] does not exist
[2022-11-02 06:32:50,524] ERROR java.lang.IllegalArgumentException: Topics
in [] does not exist
    at
kafka.admin.TopicCommand$.kafka$admin$TopicCommand$$ensureTopicExists(Topi
cCommand.scala:416)
    at
kafka.admin.TopicCommand$ZookeeperTopicService.describeTopic(TopicCommand.
scala:332)
    at kafka.admin.TopicCommand$.main(TopicCommand.scala:66)
    at kafka.admin.TopicCommand.main(TopicCommand.scala)
(kafka.admin.TopicCommand$)
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --describe --topic boa

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Topic:boa          PartitionCount:1      ReplicationFactor:1      Configs:
      Topic: boa          Partition: 0      Leader: 2          Replicas: 2
Isr: 2
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --create --partitions 1 --replication-factor 1 --
topic robotickitchenindia
Created topic robotickitchenindia.
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --describe --topic robotickitchenindia
Topic:robotickitchenindia      PartitionCount:1
ReplicationFactor:1      Configs:
      Topic: robotickitchenindia      Partition: 0      Leader: 2
Replicas: 2      Isr: 2
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --create --partitions 2 --replication-factor 1 --
topic wecandonow
Created topic wecandonow.
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --describe --topic wecandonow
Topic:wecandonow      PartitionCount:2      ReplicationFactor:1
Configs:
      Topic: wecandonow      Partition: 0      Leader: 1      Replicas:
1      Isr: 1
      Topic: wecandonow      Partition: 1      Leader: 2      Replicas:
2      Isr: 2
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --create --partitions 5 --replication-factor 1 --
topic kantara
Created topic kantara.
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$ bin/kafka-topics.sh --
zookeeper localhost:2181 --describe --topic kantara
Topic:kantara      PartitionCount:5      ReplicationFactor:1      Configs:
      Topic: kantara      Partition: 0      Leader: 0      Replicas: 0
Isr: 0
      Topic: kantara      Partition: 1      Leader: 1      Replicas: 1
Isr: 1
      Topic: kantara      Partition: 2      Leader: 2      Replicas: 2
Isr: 2
      Topic: kantara      Partition: 3      Leader: 0      Replicas: 0
Isr: 0
      Topic: kantara      Partition: 4      Leader: 1      Replicas: 1
Isr: 1
saravanans@wecandonow.com :~/kafka_2.11-2.2.2$

```