

### Describe configs for a topic

```
bin/kafka-configs.sh --zookeeper localhost:2181 --describe --entity-type topics --entity-name test_topic
```

### Set retention times

```
bin/kafka-topics.sh --zookeeper localhost:2181 --alter --topic test_topic --config retention.ms=1000 # Deprecated way
```

```
bin/kafka-configs.sh --zookeeper localhost:2181 --alter --entity-type topics --entity-name test_topic --add-config retention.ms=1000 # Modern way
```

If you need to delete all messages in topic, you can exploit the retention times. First set the retention time to something very low (1000 ms), wait a few seconds, then revert the retention times back to the previous value.

Note: The default retention time is 24 hours (86400000 millis).

### Delete a topic

```
bin/kafka-topics.sh --zookeeper localhost:2181 --delete --topic test_topic
```

### Describe a topic

```
bin/kafka-topics.sh --describe --zookeeper localhost:2181 --topic test_topic
```

### Add a partition

```
bin/kafka-topics.sh --alter --zookeeper localhost:2181 --topic test_topic --partitions 3
```

### Create a topic

```
bin/kafka-topics.sh --create --zookeeper localhost:2181 --replication-factor 1 --partitions 3 --topic test_topic
```

### List topics

```
bin/kafka-topics.sh --list --zookeeper localhost:2181
```

### Push a file of messages to Kafka

```
bin/kafka-console-producer.sh --broker-list localhost:9092 --topic test_topic < file.log
```

# Messages should be one per line.

### Listing messages from a topic

```
bin/kafka-console-consumer.sh --zookeeper localhost:2181 --topic test_topic --from-beginning
```

### offset positions for consumer group per partition

```
bin/kafka-consumer-offset-checker.sh --zookeeper localhost:2181 --group {group-id} --topic {topic}
```

```
bin/kafka-streams-application-reset.sh --input-topics {topic} --application-id {group-id} --bootstrap-servers kafkahost:9092 # To start over (reset offset to 0)
```



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