

Using Kafka Command-line Tools ([#xd_583c10bfdbd326ba-590cb1d1-149e9ca9886--6fcb](#))

Kafka command-line tools are located in `/usr/bin`:

- **kafka-topics**

Create, alter, list, and describe topics. For example:

```
$ /usr/bin/kafka-topics --zookeeper zk01.example.com:2181 --list
sink1
t1
t2
```

```
$ /usr/bin/kafka-topics --create --zookeeper hostname:2181/kafka --replication-factor 2
--partitions 4 --topic topicname
```

- **kafka-console-consumer**

Read data from a Kafka topic and write it to standard output. For example:

```
$ /usr/bin/kafka-console-consumer --zookeeper zk01.example.com:2181 --topic t1
```

- **kafka-console-producer**

Read data from standard output and write it to a Kafka topic. For example:

```
$ /usr/bin/kafka-console-producer --broker-list kafka02.example.com:9092,kafka03.example.com:9092 --topic t1
```

- **kafka-consumer-offset-checker** (deprecated)

Note: `kafka-consumer-offset-checker` is not supported in the new Consumer API. Use the `ConsumerGroupCommand` tool, below.

Check the number of messages read and written, as well as the lag for each consumer in a specific consumer group. For example:

```
$ /usr/bin/kafka-consumer-offset-checker --group flume --topic t1 --zookeeper zk01.example.com:2181
```

- **kafka-consumer-groups**

To view offsets as in the previous example with the `ConsumerOffsetChecker`, you describe the consumer group using the following command:

```
$ /usr/bin/kafka-consumer-groups --zookeeper zk01.example.com:2181 --describe --group flume
```

GROUP	TOPIC	PARTITION	CURRENT-OFFSET	LOG-END-OFFSET	LAG	OWNER
flume	t1	0	1	3	2	test-consumer-group_postamac.local-1456198719410-29ccd54f-0