

Event Streaming System

Kafka Cheat sheet

Project/System Name: Kafka - Confluent

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**Revision History**

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| --- | --- | --- | --- |
| **Revision Number** | **Date** | **Description** | **Reviewer** |
| 1.0 | 12 Jun 2021 | Draft | Basel Al Sayeh |
| 1.1 | 11 October 2021 | Draft | Qusai Haddadin |
| 1.2 | 20 December 2021 | Draft | Qusai Haddadin |

* **To create a Kafka topic:**

kafka-topics --create --bootstrap-server $(hostname -f):9093 --topic <topic-name> --partitions <number-of-partitions> --replication-factor <number-of-replicating-servers> --command-config /etc/kafka/client.properties

* **To list the topics:**

kafka-topics --list --bootstrap-server $(hostname -f):9093 --command-config /etc/kafka/client.properties

* **To delete Kafka topic:**

kafka-topics --delete --zookeeper $(hostname -f):2181 --topic <kafka-topic-name> --command-config /etc/kafka/client.properties

* **To describe topic:**

kafka-topics --zookeeper $(hostname -f):2181 --describe --topic text\_topic --command-config /etc/kafka/client.properties

* **To describe ALL topics:**

kafka-topics --zookeeper $(hostname -f):2181 --describe --command-config /etc/kafka/client.properties

* **To produce a message to Kafka cluster:**

kafka-console-producer --bootstrap-server $(hostname -f):9093 --topic <kafka-topic-name> --producer.config /etc/kafka/client.properties

* **To consume a message from the Kafka cluster:**

kafka-console-consumer --bootstrap-server $(hostname -f):9093 --topic <topic-name> --from-beginning --consumer.config /etc/kafka/client.properties

* **To create or update the password of SCRAM (Service Account) user:**

kafka-configs --bootstrap-server $(hostname -f):9093 --alter --add-config 'SCRAM-SHA-256=[password=<>],SCRAM-SHA-512=[password=<>]' --entity-type users --entity-name <USERNAME> --command-config /etc/kafka/client.properties

* **To reset the current offset for any topic using the consumer group name:**

kafka-consumer-groups --bootstrap-server $(hostname -f):9093 --group --topic <topic\_name>[:<partition number>] --reset-offsets --to-earliest –execute

* **To increase the number of partitions per topic:**

kafka-topics --bootstrap-server $(hostname -f):9093 --command-config /etc/kafka/client.properties --alter --topic topic name --partitions #

* **Details for all the consumer groups**

kafka-consumer-groups --bootstrap-server $(hostname -f):9093 --command-config /etc/kafka/client.properties --all-groups –describe

* **Set the default value for min.insync.replicas on the brokers**

kafka-configs --bootstrap-server jo00-kfkbrk02.arabbank.plc:9093 --entity-type brokers --entity-default --alter --add-config min.insync.replicas=2 --command-config /etc/kafka/client.properties

* **Set a specific value for min.insync.replicas for each broker**

kafka-configs --zookeeper JO01-KFKZK02.arabbank.plc:2181 --entity-type brokers --entity-name 1 --alter --add-config min.insync.replicas=2

* **List of all SCRAM users on Brokers**

Kafka-configs --bootstrap-server <broker>:<port> --entity-type users --describe