cd kafka

docker-compose up controller-1 -d

docker-compose up kafka-1 -d

docker-compose up kafka-2 -d

docker-compose up kafka-3 -d

docker-compose up schema-registry -d

docker-compose up kafka-connect -d

docker-compose up ksqldb-server -d

docker-compose up ksqldb-cli -d

docker exec -it ksqldb-cli ksql <http://ksqldb-server:8088>

docker-compose up -d cockroach-1

docker-compose up -d cockroach-2

docker-compose up -d cockroach-3

docker exec -it cockroach1 bash

https://www.cockroachlabs.com/docs/stable/start-a-local-cluster.html#step-4-access-the-db-console

cockroach cert create-ca --certs-dir=/certs --ca-key=/certs/ca.key

cockroach cert create-client root --certs-dir=/certs --ca-key=/certs/ca.key --also-generate-pkcs8-key

cockroach cert create-client mide --certs-dir=/certs --ca-key=/certs/ca.key --also-generate-pkcs8-key

cockroach cert create-node localhost cockroach3 192.168.1.90 --certs-dir=/certs --ca-key=/certs/ca.key

dir/Users/piusonobhayedo/Documents-No-iCloud/2023-2024/SST/DataScience/DAT608/cock roachdb1/certs

"C:\DAT608\kafka\cockcroachdb1"

Create Topic

bin/kafka-topics.sh --create topic quickstart-events --bootstrap-server localhost:9092

bin/kafka-topics.sh --describe --topic quickstart-events --bootstrap-server localhost:9092

===

CREATE SOURCE CONNECTOR SOURCE\_LOG\_FILEPULSE WITH (

'connector.class' = 'io.streamthoughts.kafka.connect.filepulse.source.FilePulseSourceConnector',

'fs.cleanup.policy.class' = 'io.streamthoughts.kafka.connect.filepulse.fs.clean.LogCleanupPolicy',

'fs.cleanup.policy.triggered.on' = 'COMMITTED',

'fs.listing.class' = 'io.streamthoughts.kafka.connect.filepulse.fs.LocalFSDirectoryListing',

'fs.listing.directory.path' = '/logs-to-analyze/',

'fs.listing.filters' = 'io.streamthoughts.kafka.connect.filepulse.fs.filter.RegexFileListFilter',

'fs.listing.interval.ms' = '10000',

'file.filter.regex.pattern' = '.\*\\.log$',

'offset.policy.class' = 'io.streamthoughts.kafka.connect.filepulse.offset.DefaultSourceOffsetPolicy',

'offset.attributes.string' = 'inode',

'read.max.wait.ms' = '30000',

'topic' = 'connect-file-pulse-raw-logs',

'tasks.reader.class' = 'io.streamthoughts.kafka.connect.filepulse.fs.reader.LocalRowFileInputReader',

'tasks.file.status.storage.class' = 'io.streamthoughts.kafka.connect.filepulse.state.KafkaFileObjectStateBackingStore',

'tasks.file.status.storage.bootstrap.servers' = 'broker:29092, broker:39092,broker:49092',

'tasks.file.status.storage.topic' = 'connect-file-pulse-status-raw-logs',

'tasks.file.status.storage.topic.partitions' = '10',

'tasks.file.status.storage.topic.replication.factor' = '1',

'tasks.max' = '1',

'name' = 'source-log-filepulse-02',

'tasks.empty.poll.wait.ms' = '500'

);