

CCDAK^{Q&As}

Confluent Certified Developer for Apache Kafka Certification
Examination

Pass Confluent CCDAK Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass2lead.com/ccdak.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Confluent
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



QUESTION 1

We want the average of all events in every five-minute window updated every minute. What kind of Kafka Streams window will be required on the stream?

- A. Session window
- B. Tumbling window
- C. Sliding window
- D. Hopping window

Correct Answer: D

A hopping window is defined by two properties: the window's size and its advance interval (aka "hop"), e.g., a hopping window with a size 5 minutes and an advance interval of 1 minute.

QUESTION 2

You are doing complex calculations using a machine learning framework on records fetched from a Kafka topic. It takes more about 6 minutes to process a record batch, and the consumer enters rebalances even though it's still running. How can you improve this scenario?

- A. Increase `max.poll.interval.ms` to 600000
- B. Increase `heartbeat.interval.ms` to 600000
- C. Increase `session.timeout.ms` to 600000
- D. Add consumers to the consumer group and kill them right away

Correct Answer: A

Here, we need to change the setting `max.poll.interval.ms` (default 300000) to its double in order to tell Kafka a consumer should be considered dead if the consumer only if it hasn't called the `.poll()` method in 10 minutes instead of 5.

QUESTION 3

A consumer starts and has `auto.offset.reset=latest`, and the topic partition currently has data for offsets going from 45 to 2311. The consumer group has committed the offset 643 for the topic before. Where will the consumer read from?

- A. it will crash
- B. offset 2311
- C. offset 643
- D. offset 45

Correct Answer: C

The offsets are already committed for this consumer group and topic partition, so the property auto.offset.reset is ignored

QUESTION 4

Which of the following Kafka Streams operators are stateless? (select all that apply)

- A. map
- B. filter
- C. flatmap
- D. branch
- E. groupBy
- F. aggregate

Correct Answer: ABCDE

See <https://kafka.apache.org/20/documentation/streams/developer-guide/dsl-api.html#statelesstransformations>

QUESTION 5

In Kafka, every broker... (select three)

- A. contains all the topics and all the partitions
- B. knows all the metadata for all topics and partitions
- C. is a controller
- D. knows the metadata for the topics and partitions it has on its disk
- E. is a bootstrap broker
- F. contains only a subset of the topics and the partitions

Correct Answer: BEF

Kafka topics are divided into partitions and spread across brokers. Each brokers knows about all the metadata and each broker is a bootstrap broker, but only one of them is elected controller

QUESTION 6

A Zookeeper ensemble contains 5 servers. What is the maximum number of servers that can go missing and the ensemble still run?

- A. 3

B. 4

C. 2

D. 1

Correct Answer: C

majority consists of 3 zk nodes for 5 nodes zk cluster, so 2 can fail

QUESTION 7

When using the Confluent Kafka Distribution, where does the schema registry reside?

A. As a separate JVM component

B. As an in-memory plugin on your Zookeeper cluster

C. As an in-memory plugin on your Kafka Brokers

D. As an in-memory plugin on your Kafka Connect Workers

Correct Answer: A

Schema registry is a separate application that provides RESTful interface for storing and retrieving Avro schemas.

QUESTION 8

Two consumers share the same group.id (consumer group id). Each consumer will

A. Read mutually exclusive offsets blocks on all the partitions

B. Read all the data on mutual exclusive partitions

C. Read all data from all partitions

Correct Answer: B

Each consumer is assigned a different partition of the topic to consume.

QUESTION 9

To allow consumers in a group to resume at the previously committed offset, I need to set the proper value for...

A. value.deserializer

B. auto.offset.resets

C. group.id

D. enable.auto.commit

Correct Answer: C

Setting a group.id that's consistent across restarts will allow your consumers part of the same group to resume reading from where offsets were last committed for that group

QUESTION 10

In Avro, removing or adding a field that has a default is a ___ schema evolution

- A. full
- B. backward
- C. breaking
- D. forward

Correct Answer: A

Clients with new schema will be able to read records saved with old schema and clients with old schema will be able to read records saved with new schema.

QUESTION 11

The rule "same key goes to the same partition" is true unless...

- A. the number of producer changes
- B. the number of kafka broker changes
- C. the number of partition changes
- D. the replication factor changes

Correct Answer: C

Increasing the number of partition causes new messages keys to get hashed differently, and breaks the guarantee "same keys goes to the same partition". Kafka logs are immutable and the previous messages are not re-shuffled.

QUESTION 12

What happens when broker.rack configuration is provided in broker configuration in Kafka cluster?

- A. You can use the same broker.id as long as they have different broker.rack configuration
- B. Replicas for a partition are placed in the same rack
- C. Replicas for a partition are spread across different racks
- D. Each rack contains all the topics and partitions, effectively making Kafka highly available

Correct Answer: C

Partitions for newly created topics are assigned in a rack alternating manner, this is the only change broker.rack does

QUESTION 13

What information isn't stored inside of Zookeeper? (select two)

- A. Schema Registry schemas
- B. Consumer offset
- C. ACL information
- D. Controller registration
- E. Broker registration info

Correct Answer: B

Consumer offsets are stored in a Kafka topic `__consumer_offsets`, and the Schema Registry stored schemas in the `_schemas` topic.

QUESTION 14

Which of the following is true regarding thread safety in the Java Kafka Clients?

- A. One Producer can be safely used in multiple threads
- B. One Consumer can be safely used in multiple threads
- C. One Consumer needs to run in one thread
- D. One Producer needs to be run in one thread

Correct Answer: AC

KafkaConsumer is not thread-safe, KafkaProducer is thread safe.

QUESTION 15

To continuously export data from Kafka into a target database, I should use

- A. Kafka Producer
- B. Kafka Streams
- C. Kafka Connect Sink
- D. Kafka Connect Source

Correct Answer: C

Kafka Connect Sink is used to export data from Kafka to external databases and Kafka Connect Source is used to import from external databases into Kafka.

[CCDAK PDF Dumps](#)

[CCDAK VCE Dumps](#)

[CCDAK Exam Questions](#)