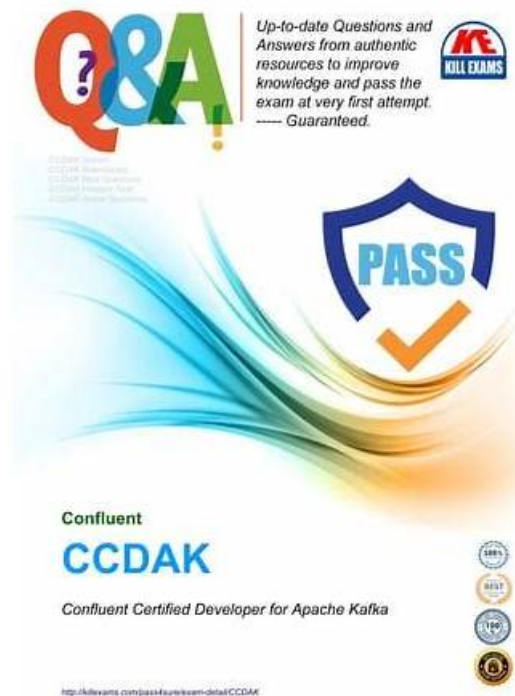


# CCDAK Guide Torrent and CCDAK Training Materials - CCDAK Exam Braindumps - TestKingIT



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The CCDAK exam mainly focuses on Kafka core concepts and API usage, including Kafka architecture, topics, partitions, replication, and the Kafka producer and consumer API. Kafka Connect and Kafka Streams API are two important components of the Kafka ecosystem, and candidates have to demonstrate their proficiency in these areas too. The Kafka Connect API is used for building connectors that transfer data between Kafka and other data sources, while the Kafka Streams library is used for stream processing in Kafka.

The Confluent CCDAK exam consists of 60 multiple-choice questions that must be completed within 90 minutes. The questions are designed to assess your in-depth knowledge of Kafka and its ecosystem. CCDAK Exam is available in English, Japanese, and Chinese languages, and it can be taken online or in-person at a testing center.

Apache Kafka has become one of the most popular open-source distributed streaming platforms used by software developers and

data engineers. Kafka is used for building real-time data pipelines and streaming applications, making it a crucial component of the modern data architecture. To validate the knowledge and expertise of developers working with Kafka, Confluent has introduced the Confluent Certified Developer for Apache Kafka (CCDAK) certification exam.

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### **Confluent Certified Developer for Apache Kafka Certification Examination Sample Questions (Q75-Q80):**

#### **NEW QUESTION # 75**

A kafka topic has a replication factor of 3 and min.insync.replicas setting of 1. What is the maximum number of brokers that can be down so that a producer with acks=all can still produce to the topic?

- A. 0
- **B. 1**
- C. 2
- D. 3

**Answer: B**

Explanation:

Two brokers can go down, and one replica will still be able to receive and serve data

#### **NEW QUESTION # 76**

A producer just sent a message to the leader broker for a topic partition. The producer used acks=1 and therefore the data has not yet been replicated to followers. Under which conditions will the consumer see the message?

- A. Never, the produce request will fail
- B. Right away
- C. When the message has been fully replicated to all replicas
- **D. When the high watermark has advanced**

**Answer: D**

Explanation:

The high watermark is an advanced Kafka concept, and is advanced once all the ISR replicates the latest offsets. A consumer can only read up to the value of the High Watermark (which can be less than the highest offset, in the case of acks=1)

#### **NEW QUESTION # 77**

Your application is consuming from a topic configured with a deserializer.

It needs to be resilient to badly formatted records ("poison pills"). You surround the poll() call with a try/catch for RecordDeserializationException.

You need to log the bad record, skip it, and continue processing.

Which action should you take in the catch block?

- A. Log the bad record and call the consumer.skip() method.
- B. Log the bad record, no other action needed.

- C. Log the bad record and seek the consumer to the offset of the next record.
- D. Throw a runtime exception to trigger a restart of the application.

**Answer: C**

Explanation:

To skip a corrupted record and avoid failing the application, you must seek past the failed offset manually using `consumer.seek()`. This allows the application to resume consumption from the next offset.

From Kafka Consumer Error Handling Docs:

"On deserialization failure, you can catch `RecordDeserializationException`, log the error, and call `seek()` to the next offset to skip the bad record."

\* A does not prevent re-processing the bad record.

\* C is invalid; there's no `skip()` method in the Kafka consumer API.

\* D results in service interruption - not ideal for resiliency.

Reference: Kafka Consumer API - Exception Handling and `seek()`

### NEW QUESTION # 78

A stream processing application is tracking user activity in online shopping carts.

You want to identify periods of user inactivity.

Which type of Kafka Streams window should you use?

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

**Answer: C**

Explanation:

Session windows are ideal for tracking periods of activity separated by inactivity, such as user sessions.

From Kafka Streams Documentation > Windowing:

"A session window captures streams of events that are intermittent and separated by gaps of inactivity."

\* Tumbling/Hopping/Sliding windows are fixed in size

\* Session windows are dynamic and close after inactivity timeout

This makes them perfect for identifying gaps in user interaction.

Reference: Kafka Streams Developer Guide > Session Windows

### NEW QUESTION # 79

Which of the following is NOT a supported serialization format in `ksqlDB`?

- A. BSON
- B. Protobuf
- C. Delimited
- D. Avro

**Answer: A**

### NEW QUESTION # 80

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Great concentrative progress has been made by our company, who aims at further cooperation with our candidates in the way of using our CCDAK exam engine as their study tool. Owing to the devotion of our professional research team and responsible working staff, our training materials have received wide recognition and now, with more people joining in the CCDAK Exam army, we have become the top-ranking CCDAK training materials provider in the international market. Believe in our CCDAK study guide, you will succeed in your exam!

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