

Confluent CCDAK Study Guide PDF

GRAB THE CONFLUENT APACHE KAFKA DEVELOPER CERTIFICATION PDF
QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

CCDAK

Confluent Certified Developer for Apache Kafka (CCDAK)

60 Questions Exam – Duration of 90 minutes

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Table of Contents

Get an Overview of the CCDAK Certification:	3
Why Should You Earn the Confluent CCDAK Certification?	3
What Is the Confluent CCDAK Apache Kafka Developer Certification Exam Structure?	3
Enhance Knowledge with CCDAK Sample Questions: .	4
What Study Guide Works Best in Acing the Confluent CCDAK Apache Kafka Developer Certification?	8
Explore the Syllabus Topics and Learn from the Core:	8
Make Your Schedule:	8
Get Expert Advice from the Training:	8
Get Access to the PDF Sample Questions:	8
Avoid Dumps and Utilize the Confluent CCDAK Practice Test:	8

Get an Overview of the CCDAK Certification:

Who should take the [CCDAK exam](#)? This is the first question that comes to a candidate's mind when preparing for the Apache Kafka Developer certification. The CCDAK certification is suitable for candidates who are keen to earn knowledge on the Developer and grab their Confluent Certified Developer for Apache Kafka (CCDAK). When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But CCDAK study guide PDF is here to solve the problem. CCDAK PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Confluent CCDAK Certification?

There are several reasons why one should grab the CCDAK certification.

- The Apache Kafka Developer certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [Confluent Certified Developer for Apache Kafka \(CCDAK\)](#) is a powerful qualification for a prosperous career.

What Is the Confluent CCDAK Apache Kafka Developer Certification Exam Structure?

Exam Name	Confluent Certified Developer for Apache Kafka
Exam Code	CCDAK
Exam Price	\$150 USD
Duration	90 minutes
Number of Questions	60
Passing Score	Pass / Fail
Recommended Training / Books	Live Classes Self-Paced Training
Schedule Exam	Schedule an Exam
Sample Questions	Confluent CCDAK Sample Questions
Recommended Practice	Confluent Certified Developer for Apache Kafka (CCDAK) Practice Test

Enhance Knowledge with CCDAK Sample Questions:

Question: 1

Your Kafka cluster consists of 3 brokers. You have 4 producer clients sending messages to the “driver” topic which currently has 12 partitions and the related produce requests are receiving timeout exceptions. What would you do to reduce these exceptions? (choose one)

- a) Increase the number of producer clients from 4 to 6
- b) Increase the number of “driver” topic partitions from 12 to 15
- c) Increase the number of brokers from 3 to 4 and distribute the 12 partitions equally across the 4 brokers
- d) Increase the replication factor of the “driver” topic to scale out the produce requests

Answer: c

Question: 2

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

- a) One Producer needs to be run in one thread
- b) One Producer can be safely used in multiple threads
- c) One Consumer can be safely used in multiple threads
- d) One Consumer needs to run in one thread

Answer: b, d

Question: 3

Your organization is developing an application that will render content on web pages based upon how the current user matches up against various demographic categories. When the user first accesses the web page it will generate a page view event written to a corresponding Kafka topic. The user profile database will also be ingested into a Kafka topic using a Kafka connector.

How do the web page view events and the user profile data need to be produced into their respective topics to allow for the application to easily associate each page view event with the corresponding user profile? (choose one)

- a) Configure the two topics so that they are written to the same Kafka cluster
- b) Configure the two topics so they are co-partitioned
- c) Stand up a producer and a Kafka connector on each client machine and assign these machines a subset of page view and corresponding user profile data
- d) Write a consumer application that processes all records in both the page view and user profile topics and allow it to associate these records as needed

Answer: b

Question: 4

Your organization is developing an application that produces messages to Kafka with a requirement that the messages are evenly distributed across a topic with 20 partitions. After completing the initial design phase and client development, load testing resulted in the following:

- 5% of test messages were written to 5 partitions
 - 20% of test messages were written to 10 partitions
 - 75% of test message were written to 5 partitions
- Key assignment for the test messages correctly represented what is expected for the production environment

What action might result in more even distribution of produced messages across the available partitions? (choose two)

- a) Write a custom partitioner
- b) Increase the number of producer clients used by the application
- c) Redesign the message key
- d) Distribute the topic partitions across additional brokers

Answer: a, c

Question: 5

Your organization has a requirement to enrich data coming in from sensor devices that capture environmental data with sensor device profile data contained in a database that includes details such as location, device model, etc.

Which of the following scenarios would best answer this requirement? (choose one)

- a) Produce the data coming from the sensor devices into a Kafka topic using the Message Queuing Telemetry Transport (MQTT) proxy and as an intermediate step, enrich each sensor data record using the Java database connectivity (JDBC) source connector to access the sensor device profile data combined with multiple single message transforms (SMT).
- b) Produce the data coming from the sensor devices into a Kafka topic using the MQTT connector and as an intermediate step, enrich each sensor data record using the JDBC sink connector to access the sensor device profile data combined with multiple SMTs.
- c) Produce the data coming from the sensor devices into a Kafka topic using the MQTT proxy. Produce the sensor device profile data into a second Kafka topic using the JDBC source connector. Write a Kafka streams application to enrich the sensor data records with the sensor device profile data and write this out to a third Kafka topic.
- d) Write a Kafka producer client that captures the sensor device data using the MQTT proxy and enriches each record using sensor device profile data that it directly accesses from the source database. The enriched records will then be produced into a Kafka topic.

Answer: c

Question: 6

You need all messages produced with a certain key value to be written to a single topic partition. What would you do to accomplish this?

(choose one)

- a) Create a producer group and configure each producer in the group to produce messages for a single key value
- b) Invoke your producer in multiple threads and assign each producer to produce messages for a single key value
- c) No action is necessary, the default partitioner will accomplish this
- d) Configure your producer to send messages for all key values to one broker and configure that broker to redirect those messages to partitions based upon the message key value

Answer: c

Question: 7

Your priority for producing messages to the Kafka cluster is maximum throughput over low latency. What would you do to accomplish this?

(choose one)

- a) Set batch.size low value and linger.ms to 0
- b) Set batch.size high value and linger.ms to 0
- c) Set batch.size low value and linger.ms to high value
- d) Set batch.size high value and linger.ms to high value

Answer: d

Question: 8

You need to guarantee that your clients can access required Kafka cluster metadata when they start up. What would you do to accomplish this?

(choose one)

- a) Provide bootstrap configuration that identifies a minimum of two Zookeeper servers to send a request for cluster metadata
- b) Provide bootstrap configuration that identifies a minimum of two Kafka brokers to send a request for cluster metadata
- c) Provide bootstrap configuration that identifies the Kafka cluster controller to send a request for cluster metadata
- d) Provide bootstrap configuration with the cluster id that the Kafka client uses to discover the cluster and all its related metadata

Answer: b

Question: 9

Your organization has a Kafka streams application that requires access to customer profile data maintained in a traditional relational database management system (RDBMS). This customer profile data contains sensitive Personal Identifying Information (PII).

Which of the following solutions will give the Kafka streams application access to the non-PII customer profile data?

(choose one)

- a) Use the Java database connectivity (JDBC) source connector to produce the customer profile data to a Kafka topic. Use a Kafka streams application to process and remove the PII from each customer profile data record as it is written to the initial Kafka topic. The Kafka streams application can then consume that topic.
- b) Use the JDBC source connector to produce the customer profile data to a Kafka topic. Include a single message transform masking operation in the connector configuration to mask the PII data before it is written to the Kafka topic. The Kafka streams application can then consume that topic.
- c) Use a ksqldb application to read the customer profile data in the RDBMS, filter the PII data from each record, and write the filtered profile data to a Kafka topic. The Kafka streams application can then consume that topic.
- d) Write a custom Kafka producer to access the customer profile data, remove the customer PII from each record, and produce the filtered record to a Kafka topic. The Kafka streams application can then consume that topic.

Answer: b

Question: 10

Where are KSQL-related data and metadata stored?

- a) Schema Registry
- b) PostgreSQL database
- c) Kafka Topics
- d) Zookeeper

Answer: c

What Study Guide Works Best in Acing the Confluent CCDAK Apache Kafka Developer Certification?

The CCDAK study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the Apache Kafka Developer exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the Confluent CCDAK training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the Confluent CCDAK Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, CCDAK practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven CCDAK Practice Test for Success!!!

Do you want to pass the CCDAK exam on your first attempt? Stop worrying; we, VMExam.com are here to provide you the best experience during your Confluent Certified Developer for Apache Kafka preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [CCDAK practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.