

Databricks Developer for Apache Spark - Scala

DATABRICKS APACHE SPARK DEVELOPER ASSOCIATE
CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

DEVELOPER FOR APACHE SPARK - SCALA

[Databricks Certified Associate Developer for Apache Spark](#)

60 Questions Exam – 70% Cut Score – Duration of 120 minutes

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Know Your Developer for Apache Spark - Scala Certification Well:

The Developer for Apache Spark - Scala is best suitable for candidates who want to gain knowledge in the Databricks Specialty. Before you start your Developer for Apache Spark - Scala preparation you may struggle to get all the crucial Apache Spark Developer Associate materials like Developer for Apache Spark - Scala syllabus, sample questions, study guide.

But don't worry the Developer for Apache Spark - Scala PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all [your queries like](#)-

- What is in the Developer for Apache Spark - Scala syllabus?
- How many questions are there in the Developer for Apache Spark - Scala exam?
- Which Practice test would help me to pass the Developer for Apache Spark - Scala exam at the first attempt?

Passing the Developer for Apache Spark - Scala exam makes you Databricks Certified Associate Developer for Apache Spark. Having the Apache Spark Developer Associate certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Databricks Developer for Apache Spark - Scala Apache Spark Developer Associate Certification Details:

Exam Name	Databricks Certified Associate Developer for Apache Spark
Exam Code	Developer for Apache Spark - Scala
Exam Price	\$200 (USD)
Duration	120 mins
Number of Questions	60
Passing Score	70%
Schedule Exam	Kryterion Webassesor

Sample Questions	Databricks Developer for Apache Spark - Scala Sample Questions
Practice Exam	Databricks Developer for Apache Spark - Scala Certification Practice Exam

Developer for Apache Spark - Scala Syllabus:

Topic	Weights
Apache Spark Architecture Concepts	17%
Apache Spark Architecture Applications	11%
Apache Spark DataFrame API Applications	72%

Databricks Developer for Apache Spark - Scala Sample Questions:

Question: 1

Your application on production is crashing lately and your application gets stuck at the same level every time you restart the spark job . You know that it is the toLocalIterator function is causing the problem.

What are the possible solutions to this problem?

- There is nothing to worry, application crashes are expected and will not affect your application at all.
- Use collect function instead of to localIterator
- Reduce the memory of the driver
- Reduce the size of your partitions if possible.

Answer: d

Question: 2

Which of the following statements about the Spark driver is incorrect?

- The Spark driver is horizontally scaled to increase overall processing throughput.
- The Spark driver contains the SparkContext object.
- The Spark driver is responsible for scheduling the execution of data by various worker nodes in cluster mode.
- The Spark driver is the node in which the Spark application's main method runs to coordinate the Spark application.
- The Spark driver should be as close as possible to worker nodes for optimal performance.

Answer: a

Question: 3

Spark dynamically handles skew in sort-merge join by splitting (and replicating if needed) skewed partitions. Which property needs to be enabled to achieve this?

- a) spark.sql.adaptive.skewJoin.enabled
- b) spark.sql.skewJoin.enabled
- c) spark.sql.adaptive.skewJoin.enable
- d) spark.sql.adaptive.optimizeze.skewJoin

Answer: a**Question: 4**

At which stage Catalyst optimizer generates one or more physical plans?

- a) Code Generation
- b) Logical Optimization
- c) Physical Planning
- d) Analysis

Answer: c**Question: 5**

Which of the following three operations are classified as a wide transformation?

(Choose 3 answers)

- a) drop()
- b) repartition()
- c) filter()
- d) flatMap()
- e) orderBy()
- f) selectDistinct()

Answer: b, e, f**Question: 6**

If spark is running in cluster mode, which of the following statements about nodes is incorrect?

- a) Each executor is running in a JVM inside of a worker node
- b) There might be more executors than total number of nodes
- c) There is at least one worker node in the cluster
- d) There is one single worker node that contains the Spark driver and the executors
- e) The spark driver runs in its own non-worker node without any executors

Answer: e

Question: 7

Which of the followings is NOT a useful use cases of spark?

- a) Performing ad hoc or interactive queries to explore and visualize data sets
- b) Building, training, and evaluating machine learning models using MLlib
- c) Analyzing graph data sets and social networks
- d) Processing in parallel small data sets distributed across a cluster

Answer: d

Question: 8

How to make sure that dataframe df has 12 partitions given that df has 4 partitions?

- a) `df.setPartition(12)`
- b) `df.repartition(12)`
- c) `df.repartition()`
- d) `df.setPartition()`

Answer: b

Question: 9

At which stage do the first set of optimizations take place?

- a) Physical Planning
- b) Code Generation
- c) Logical Optimization
- d) Analysis

Answer: c

Question: 10

What command can we use to get the number of partition of a dataframe name df?

- a) `df.rdd.getPartitionSize()`
- b) `df.rdd.getNumPartitions()`
- c) `df.getNumPartitions()`
- d) `df.getPartitionSize()`

Answer: b

Study Guide to Crack Databricks Apache Spark Developer Associate Developer for Apache Spark - Scala Exam:

- Getting details of the Developer for Apache Spark - Scala syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the Developer for Apache Spark - Scala exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Databricks provided training for Developer for Apache Spark - Scala exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the Developer for Apache Spark - Scala sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on Developer for Apache Spark - Scala practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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