PASS

Checkpoint

156-315.81

Check Point Certified Security Expert R81

Question: 53

A Zookeeper ensemble contains 3 servers.

Over which ports the members of the ensemble should be able to communicate in default configuration? (select three)
A. 2181
B. 3888
C. 443
D. 2888
E. 9092
F. 80

Answer: A,B,D

Explanation:

2181 – client port, 2888 – peer port, 3888 – leader port

Question: 54

You are running a Kafka Streams application in a Docker container managed by Kubernetes, and upon application restart, it takes a long time for the docker container to replicate the state and get back to processing the data .

How can you improve dramatically the application restart?
A. Mount a persistent volume for your RocksDB
B. Increase the number of partitions in your inputs topic
C. Reduce the Streams caching property
D. Increase the number of Streams threads

Answer: A

Explanation:

Although any Kafka Streams application is stateless as the state is stored in Kafka, it can take a while and lots of resources to recover the state from Kafka. In order to speed up recovery, it is advised to store the Kafka Streams state on a persistent volume, so that only the missing part of the state needs to be recovered.

Question: 55

A producer is sending messages with null key to a topic with 6 partitions using the DefaultPartitioner. Where will the messages be stored?
A. Partition 5

B. Any of the topic partitions
C. The partition for the null key
D. Partition 0

Answer: A

Explanation:

Message with no keys will be stored with round-robin strategy among partitions.

Question: 56

A kafka topic has a replication factor of 3 and min.insync.replicas setting of 2 .

How many brokers can go down before a producer with acks=all can't produce?
A. 0
B. 2
C. 1
D. 3

Answer: C

Explanation:

acks=all and min.insync.replicas=2 means we must have at least 2 brokers up for the partition to be available

Question: 57

How can you gracefully make a Kafka consumer to stop immediately polling data from Kafka and gracefully shut down a consumer application?
A. Call consumer.wakeUp() and catch a WakeUpException
B. Call consumer.poll() in another thread
C. Kill the consumer thread

Answer: A

Explanation:

See https://stackoverflow.com/a/37748336/3019499

Question: 58

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

Answer: C

Explanation:

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

Question: 59

You have a Kafka cluster and all the topics have a replication factor of 3. One intern at your company stopped a broker, and accidentally deleted all the data of that broker on the disk .

What will happen if the broker is restarted?
A. The broker will start, and other topics will also be deleted as the broker data on the disk got deleted
B. The broker will start, and won't be online until all the data it needs to have is replicated from other leaders
C. The broker will crash
D. The broker will start, and won't have any data. If the broker comes leader, we have a data loss

Answer: B

Explanation:

Kafka replication mechanism makes it resilient to the scenarios where the broker lose data on disk, but can recover from replicating from other brokers. This makes Kafka amazing!

Question: 60

In the Kafka consumer metrics it is observed that fetch-rate is very high and each fetch is small .

What steps will you take to increase throughput?
A. Increase fetch.max.wait
B. Increase fetch.max.bytes
C. Decrease fetch.max.bytes
D. Decrease fetch.min.bytes
E. Increase fetch.min.bytes

Answer: E

Explanation:

This will allow consumers to wait and receive more bytes in each fetch request.

SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

Killexams.com is an online platform that offers a wide range of services related to certification exam preparation. The platform provides actual questions, exam dumps, and practice tests to help individuals prepare for various certification exams with confidence. Here are some key features and services offered by Killexams.com:

Actual Exam Questions: Killexams.com provides actual exam questions that are experienced in test centers. These questions are updated regularly to ensure they are up-to-date and relevant to the latest exam syllabus. By studying these actual questions, candidates can familiarize themselves with the content and format of the real exam.

Exam Dumps: Killexams.com offers exam dumps in PDF format. These dumps contain a comprehensive collection of questions and answers that cover the exam topics. By using these dumps, candidates can enhance their knowledge and improve their chances of success in the certification exam.

Practice Tests: Killexams.com provides practice tests through their desktop VCE exam simulator and online test engine. These practice tests simulate the real exam environment and help candidates assess their readiness for the actual exam. The practice tests cover a wide range of questions and enable candidates to identify their strengths and weaknesses.

Guaranteed Success: Killexams.com offers a success guarantee with their exam dumps. They claim that by using their materials, candidates will pass their exams on the first attempt or they will refund the purchase price. This guarantee provides assurance and confidence to individuals preparing for certification exams.

Updated Content: Killexams.com regularly updates its question bank and exam dumps to ensure that they are current and reflect the latest changes in the exam syllabus. This helps candidates stay up-to-date with the exam content and increases their chances of success.

Technical Support: Killexams.com provides free 24x7 technical support to assist candidates with any queries or issues they may encounter while using their services. Their certified experts are available to provide guidance and help candidates throughout their exam preparation journey.