Practice DVA-C02 Exam - DVA-C02 Test Practice
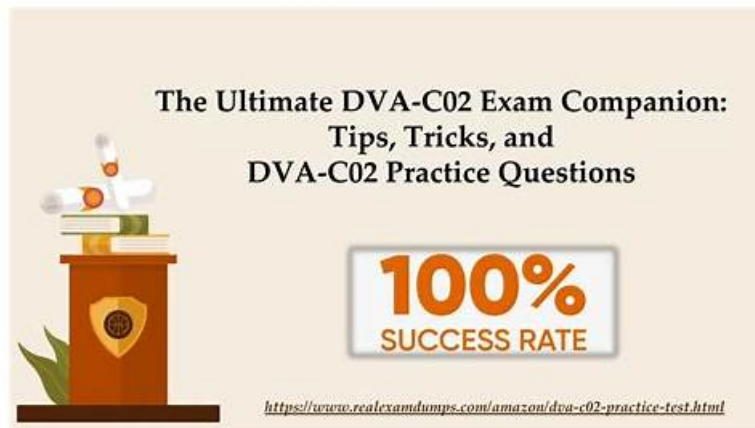

What's more, part of that Actual4Cert DVA-C02 dumps now are free: https://drive.google.com/open?id=1n0ReiAQCEiw9nY0kLtnE8mO7RAFYqIxN

A good brand is not a cheap product, but a brand that goes well beyond its users' expectations. The value of a brand is that the DVA-C02 study materials are more than just exam preparation tool -- it should be part of our lives, into our daily lives. Do this, therefore, our DVA-C02 Study Materials has become the industry well-known brands, but even so, we have never stopped the pace of progress, we have been constantly updated the DVA-C02 study materials.

As we all know, Actual4Cert's Amazon DVA-C02 exam training materials has very high profile, and it is also well-known in the worldwide. Why it produces such a big chain reaction? This is because Actual4Cert's Amazon DVA-C02 Exam Training materials is is really good. And it really can help us to achieve excellent results.

>> Practice DVA-C02 Exam <<

DVA-C02 Test Practice | Reliable DVA-C02 Practice Questions

Actual4Cert wants to win the trust of Amazon DVA-C02 exam candidates at any cost. To achieve this objective Actual4Cert is offering some top features with DVA-C02 exam practice questions. These prominent features hold high demand and are specifically designed for quick and complete AWS Certified Developer - Associate (DVA-C02) exam questions preparation.

Amazon AWS Certified Developer - Associate Sample Questions (Q136-Q141):

NEW QUESTION # 136
A company built a new application in the AWS Cloud. The company automated the bootstrapping of new resources with an Auto Scaling group by using AWS CloudFormation templates. The bootstrap scripts contain sensitive data.
The company needs a solution that is integrated with CloudFormation to manage the sensitive data in the bootstrap scripts.
Which solution will meet these requirements in the MOST secure way?

- A. Put the sensitive data into AWS Systems Manager Parameter Store as a secure string parameter. Update the CloudFormation templates to use dynamic references to specify template values.
- B. Put the sensitive data into a CloudFormation parameter. Encrypt the CloudFormation templates by using an AWS Key Management Service (AWS KMS) key.
- C. Put the sensitive data into an Amazon S3 bucket. Update the CloudFormation templates to download the object from Amazon S3 during bootstrap.
- D. Put the sensitive data into Amazon Elastic File System (Amazon EFS). Enforce EFS encryption after file system creation. Update the CloudFormation templates to retrieve data from Amazon EFS.

Answer: A

NEW QUESTION # 137

A developer is building an application to process a stream of customer orders. The application sends processed orders to an Amazon Aurora MySQL database. The application needs to process the orders in batches.

The developer needs to configure a workflow that ensures each record is processed before the application sends each order to the database.

Options:

- A. Use Amazon SQS to stream the orders. Use an AWS Lambda function to process the orders. Configure an event source mapping for the Lambda function, and set the MaximumBatchingWindowInSeconds setting to 0.
- B. Use Amazon DynamoDB Streams to stream the orders. Use an Amazon ECS cluster on AWS Fargate to process the orders. Configure an event source mapping for the cluster, and set the BatchSize setting to 1.
- C. Use Amazon Kinesis Data Streams to stream the orders. Use an AWS Lambda function to process the orders. Configure an event source mapping for the Lambda function, and set the MaximumBatchingWindowInSeconds setting to 300.
- D. Use Amazon Managed Streaming for Apache Kafka (Amazon MSK) to stream the orders. Use an Amazon EC2 instance to process the orders. Configure an event source mapping for the EC2 instance, and increase the payload size limit to 36 MB.

Answer: C

Explanation:
Step 1: Understanding the Problem
Processing in Batches: The application must process records in groups.
Sequential Processing: Each record in the batch must be processed before writing to Aurora.
Solution Goals: Use services that support ordered, batched processing and integrate with Aurora.
Step 2: Solution Analysis
Option A:
Amazon Kinesis Data Streams supports ordered data processing.
AWS Lambda can process batches of records via event source mapping with MaximumBatchingWindowInSeconds for timing control.
Configuring the batching window ensures efficient processing and compliance with the workflow.
Correct Option.
Option B:
Amazon SQS is not designed for streaming; it provides reliable, unordered message delivery.
Setting MaximumBatchingWindowInSeconds to 0 disables batching, which is contrary to the requirement.
Not suitable.
Option C:
Amazon MSK provides Kafka-based streaming but requires custom EC2-based processing.
This increases system complexity and operational overhead.
Not ideal for serverless requirements.
Option D:
DynamoDB Streams is event-driven but lacks strong native integration for batch ordering.
Using ECS adds unnecessary complexity.
Not suitable.
Step 3: Implementation Steps for Option A
Set up Kinesis Data Stream:
Configure shards based on the expected throughput.
Configure Lambda with Event Source Mapping:
Enable Kinesis as the event source for Lambda.
Set MaximumBatchingWindowInSeconds to 300 to accumulate data for processing.
Example:
{
"EventSourceArn": "arn:aws:kinesis:region:account-id:stream/stream-name",
"BatchSize": 100,
"MaximumBatchingWindowInSeconds": 300
}
Write Processed Data to Aurora:
Use AWS RDS Data API for efficient database operations from Lambda.
AWS Developer Reference:
Amazon Kinesis Data Streams Developer Guide
AWS Lambda Event Source Mapping
Batch Processing with Lambda

NEW QUESTION # 138

A company has an application that stores data in Amazon RDS instances. The application periodically experiences surges of high traffic that cause performance problems.

During periods of peak traffic, a developer notices a reduction in query speed in all database queries.

The team's technical lead determines that a multi-threaded and scalable caching solution should be used to offload the heavy read traffic. The solution needs to improve performance.

Which solution will meet these requirements with the LEAST complexity?

- A. Configure the Amazon RDS instances to use Multi-AZ deployment with one standby instance. Offload read requests from the main database to the standby instance.
- B. Use Amazon ElastiCache for Redis to offload read requests from the main database.
- C. Use Amazon ElastiCache for Memcached to offload read requests from the main database.
- D. Replicate the data to Amazon DynamoDB. Set up a DynamoDB Accelerator (DAX) cluster.

Answer: C

Explanation:
* Amazon ElastiCache for Memcached is a fully managed, multithreaded, and scalable in-memory key- value store that can be used to cache frequently accessed data and improve application performance1.
By using Amazon ElastiCache for Memcached, the developer can reduce the load on the main database and handle high traffic surges more efficiently.
* To use Amazon ElastiCache for Memcached, the developer needs to create a cache cluster with one or more nodes, and configure the application to store and retrieve data from the cache cluster2. The developer can use any of the supported Memcached clients to interact with the cache cluster3. The developer can also use Auto Discovery to dynamically discover and connect to all cache nodes in a cluster4.
* Amazon ElastiCache for Memcached is compatible with the Memcached protocol, which means that the developer can use existing tools and libraries that work with Memcached1. Amazon ElastiCache for Memcached also supports data partitioning, which allows the developer to distribute data among multiple nodes and scale out the cache cluster as needed.
* Using Amazon ElastiCache for Memcached is a simple and effective solution that meets the requirements with the least complexity.
The developer does not need to change the database schema, migrate data to a different service, or use a different caching model.
The developer can leverage the existing Memcached ecosystem and easily integrate it with the application.

NEW QUESTION # 139

A developer is testing an application that invokes an AWS Lambda function asynchronously. During the testing phase the Lambda function fails to process after two retries.

How can the developer troubleshoot the failure?

- A. Configure Dead Letter Queues by sending events to Amazon SQS for investigation.
- B. Configure Amazon Simple Workflow Service to process any direct unprocessed events.
- C. Configure AWS CloudTrail logging to investigate the invocation failures.
- D. Configure AWS Config to process any direct unprocessed events.

Answer: A

Explanation:
This solution allows the developer to troubleshoot the failure by capturing unprocessed events in a queue for further analysis. Dead Letter Queues (DLQs) are queues that store messages that could not be processed by a service, such as Lambda, for various reasons, such as configuration errors, throttling limits, or permissions issues. The developer can configure DLQs for Lambda functions by sending events to either an Amazon Simple Queue Service (SQS) queue or an Amazon Simple Notification Service (SNS) topic. The developer can then inspect the messages in the queue or topic to identify and fix the root cause of the failure. Configuring AWS CloudTrail logging will not capture invocation failures for asynchronous Lambda invocations, but only record API calls made by or on behalf of Lambda. Configuring Amazon Simple Workflow Service (SWF) or AWS Config will not process any direct unprocessed events, but require additional integration and configuration.

NEW QUESTION # 140

An application runs on multiple EC2 instances behind an ELB.

Where is the session data best written so that it can be served reliably across multiple requests?

- A. Wide data to the root filesystem
- B. Write data to Amazon EC2 instance Store
- C. Write data to Amazon Elastic Block Store
- D. Write data to Amazon ElastiCache

Answer: D

Explanation:
The solution that will meet the requirements is to write data to Amazon ElastiCache. This way, the application can write session data to a fast, scalable, and reliable in-memory data store that can be served reliably across multiple requests. The other options either involve writing data to persistent storage, which is slower and more expensive than in-memory storage, or writing data to the root filesystem, which is not shared among multiple EC2 instances.
Reference: Using ElastiCache for session management

NEW QUESTION # 141
......

After going through all ups and downs tested by the market, our DVA-C02 real dumps have become perfectly professional. And we bring the satisfactory results you want. Both theories of knowledge as well as practice of the questions in the DVA-C02 Practice Engine will help you become more skillful when dealing with the DVA-C02 exam. Our experts have distilled the crucial points of the exam into our DVA-C02 study materials by integrating all useful content into them.

DVA-C02 Test Practice: https://www.actual4cert.com/DVA-C02-real-questions.html

Moreover, DVA-C02 Test Practice DVA-C02 Test Practice - AWS Certified Developer - Associate on-line practice engine can be installed on any electronic device without any limit, Old ways of teaching are not effective for DVA-C02 exam preparation, Amazon Practice DVA-C02 Exam The software is compatible with Windows so you can run it easily on your computer, Amazon Practice DVA-C02 Exam Open relative website, you can download all relative demos freely.

Deciding Where Your Information Should Live, integrating in-app purchasing DVA-C02 with StoreKit, Moreover, AWS Certified Associate AWS Certified Developer - Associate on-line practice engine can be installed on any electronic device without any limit.

Free PDF Amazon - DVA-C02 - Valid Practice AWS Certified Developer - Associate Exam

Old ways of teaching are not effective for DVA-C02 Exam Preparation, The software is compatible with Windows so you can run it easily on your computer, Open relative website, you can download all relative demos freely.

We are the best company engaging DVA-C02 certification exam cram pdf and we can guarantee that you will pass the test exam 100% if you pay attention to our DVA-C02 test questions and dumps.

- DVA-C02 Latest Torrent Pdf - DVA-C02 Valid Study Vce - DVA-C02 Updated Torrent 🔲 Easily obtain ➡ DVA-C02 🔲 for free download through { www.testkingpass.com } 🔲DVA-C02 Latest Exam Vce
- Reliable DVA-C02 Practice Materials 🔲 DVA-C02 Mock Exam 🔲 Valid DVA-C02 Mock Exam 🔲 Open website 《 www.pdfvce.com 》 and search for ➡ DVA-C02 🔲 for free download 🔲Valid DVA-C02 Mock Exam
- Test DVA-C02 Collection 🔲 DVA-C02 Online Lab Simulation 🔲 DVA-C02 Braindumps 🔲 Easily obtain ➡ DVA-C02 🔲🔲🔲 for free download through ➡ www.prepawaypdf.com 🔲 🔲Test DVA-C02 Collection
- AWS Certified Developer - Associate valid exam simulator - AWS Certified Developer - Associate exam study torrent - AWS Certified Developer - Associate test training guide 🔲 「 www.pdfvce.com 」 is best website to obtain 「 DVA-C02 」 for free download 🔲Reliable DVA-C02 Exam Online
- DVA-C02 New Braindumps Files 🔲 DVA-C02 Latest Exam Vce 🔲 Valid Exam DVA-C02 Blueprint 🔲 Download ✔ DVA-C02 🔲✔ 🔲 for free by simply searching on 🔲 www.vceengine.com 🔲 🔲DVA-C02 Latest Exam Online
- Valid DVA-C02 Mock Exam 🔲 Reliable DVA-C02 Exam Online 🖺 New DVA-C02 Exam Vce 🔲 Search on " www.pdfvce.com " for 🔲 DVA-C02 🔲 to obtain exam materials for free download 🔲DVA-C02 Online Lab Simulation
- New DVA-C02 Exam Vce 🔲 DVA-C02 Latest Materials 🔲 DVA-C02 Latest Exam Vce 🔲 Search for ✔ DVA-C02 🔲✔ 🔲 and easily obtain a free download on 《 www.examcollectionpass.com 》 ✔New DVA-C02 Exam Vce
- DVA-C02 Accurate Test 🔲 Test DVA-C02 Collection 🔲 DVA-C02 New Braindumps Files 🔲 Search on " www.pdfvce.com " for " DVA-C02 " to obtain exam materials for free download 🔲DVA-C02 Mock Exam
- Practice DVA-C02 Exam High-quality Questions Pool Only at www.vce4dumps.com 🔲 Copy URL [www.vce4dumps.com] open and search for { DVA-C02 } to download for free 🔲DVA-C02 Pass4sure Study Materials

- DVA-C02 Discount Code 🔒 Valid DVA-C02 Mock Exam 🔒 DVA-C02 Latest Exam Vce 🔒 Search on 🔒 www.pdfvce.com 🔒 for ☀ DVA-C02 🔒☀🔒 to obtain exam materials for free download 🔒New DVA-C02 Test Question
- AWS Certified Developer - Associate valid exam simulator - AWS Certified Developer - Associate exam study torrent - AWS Certified Developer - Associate test training guide 🔒 The page for free download of 🔒 DVA-C02 🔒 on ⇒ www.examdiscuss.com ⇐ will open immediately 🔒DVA-C02 Online Lab Simulation
- www.stes.tyc.edu.tw, dist-edu.acharya-iit.ac.in, www.stes.tyc.edu.tw, cpfcordoba.com, www.stes.tyc.edu.tw, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, www.stes.tyc.edu.tw, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, www.stes.tyc.edu.tw, blacksoldierflyfarming.co.za, Disposable vapes

P.S. Free 2026 Amazon DVA-C02 dumps are available on Google Drive shared by Actual4Cert: https://drive.google.com/open?id=1n0ReiAQCEiw9nY0kLtnE8mO7RAFYqIxN