Leads4Pass

MCIA-LEVEL-1^{Q&As}

MuleSoft Certified Integration Architect - Level 1

Pass Mulesoft MCIA-LEVEL-1 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.leads4pass.com/mcia-level-1.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Mulesoft Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

An API implementation is being developed to expose data from a production database via HTTP requests. The API implementation executes a database SELECT statement that is dynamically created based upon data received from each incoming HTTP request. The developers are planning to use various types of testing to make sure the Mule application works as expected, can handle specific workloads, and behaves correctly from an API consumer perspective. What type of testing would typically mock the results from each SELECT statement rather than actually execute it in the production database?

A. Unit testing (white box)

B. Integration testing

C. Functional testing (black box)

D. Performance testing

Correct Answer: A

Explanation: In Unit testing instead of using actual backends, stubs are used for the backend services. This ensures that developers are not blocked and have no dependency on other systems. In Unit testing instead of using actual backends, stubs are used for the backend services. This ensures that developers are not blocked and have no dependency on other systems. Below are the typical characteristics of unit testing. -- Unit tests do not require deployment into any special environment, such as a staging environment -- Unit tests san be run from within an embedded Mule runtime -- Unit tests can/should be implemented using MUnit -- For read-only interactions to any dependencies (such as other APIs): allowed to invoke production endpoints -- For write interactions: developers must implement mocks using MUnit -- Require knowledge of the implementation details of the API implementation under test

QUESTION 2

An organization uses one specific CloudHub (AWS) region for all CloudHub deployments. How are CloudHub workers assigned to availability zones (AZs) when the organization\\'s Mule applications are deployed to CloudHub in that region?

A. Workers belonging to a given environment are assigned to the same AZ within that region.

B. AZs are selected as part of the Mule application\\'s deployment configuration.

C. Workers are randomly distributed across available AZs within that region.

D. An AZ is randomly selected for a Mule application, and all the Mule application\\'s CloudHub workers are assigned to that one AZ

Correct Answer: C

Explanation:

Correct answer is Workers are randomly distributed across available AZs within that region. This ensure high availability for deployed mule applications Mulesoft documentation
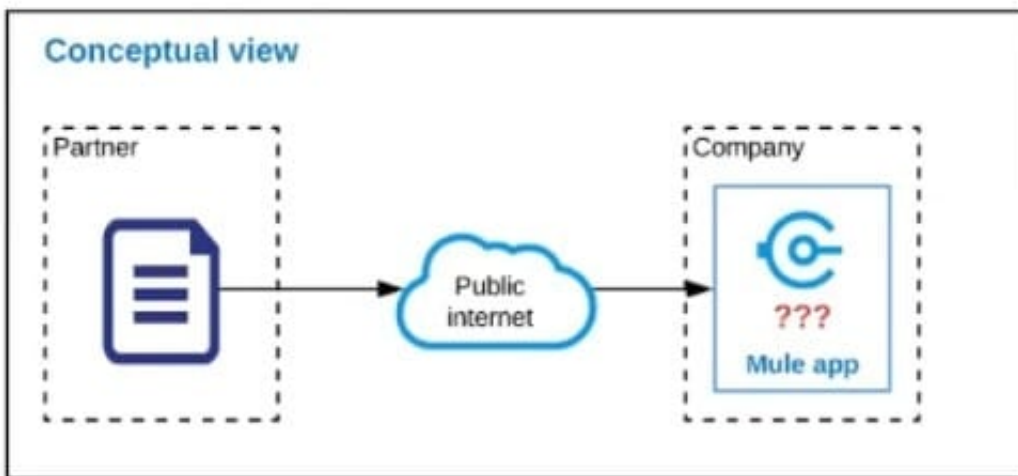
reference :

https://docs.mulesoft.com/runtime-manager/cloudhub-hadr

QUESTION 3

Refer to the exhibit.

An organization is designing a Mule application to receive data from one external business partner. The two companies currently have no shared IT infrastructure and do not want to establish one. Instead, all communication should be over the public internet (with no VPN).

What Anypoint Connector can be used in the organization\\\'s Mule application to securely receive data from this external business partner?

A. File connector

B. VM connector

C. SFTP connector

D. Object Store connector

Correct Answer: C

Explanation:

*

 Object Store and VM Store is used for sharing data inter or intra mule applications in same setup. Can\\'t be used with external Business Partner

*

 Also File connector will not be useful as the two companies currently have no shared IT infrastructure. It\\'s specific for local use.

*

 Correct answer is SFTP connector. The SFTP Connector implements a secure file transport channel so that your Mule application can exchange files with external resources. SFTP uses the SSH security protocol to transfer messages. You

can implement the SFTP endpoint as an inbound endpoint with a one-way exchange pattern, or as an outbound endpoint configured for either a one-way or request-response exchange pattern.

QUESTION 4

An airline is architecting an API connectivity project to integrate its flight data into an online aggregation website. The interface must allow for secure communication high-performance and asynchronous message exchange. What are suitable interface technologies for this integration assuming that Mulesoft fully supports these technologies and that Anypoint connectors exist for these interfaces?

A. AsyncAPI over HTTPS AMQP with RabbitMQ JSON/REST over HTTPS

B. XML over ActiveMQ XML over SFTP XML/REST over HTTPS

C. CSV over FTP YAM L over TLS JSON over HTTPS

D. SOAP over HTTPS HOP over TLS gRPC over HTTPS

Correct Answer: A

QUESTION 5

An organization has strict unit test requirement that mandate every mule application must have an MUnit test suit with a test case defined for each flow and a minimum test coverage of 80%.

A developer is building Munit test suit for a newly developed mule application that sends API request to an external rest API.

What is the effective approach for successfully executing the Munit tests of this new application while still achieving the required test coverage for the Munit tests?

A. Invoke the external endpoint of the rest API from the mule floors

B. Mark the rest API invocations in the Munits and then call the mocking service flow that simulates standard responses from the REST API

C. Mock the rest API invocation in the Munits and return a mock response for those invocations

D. Create a mocking service flow to simulate standard responses from the rest API and then configure the mule flows to call the marking service flow

Correct Answer: C