MCIA-LEVEL-1 Q&As

MuleSoft Certified Integration Architect - Level 1

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QUESTION 1

As an enterprise architect, what are the two reasons for which you would use a canonical data model in the new integration project using Mulesoft Anypoint platform (choose two answers)

A. To have consistent data structure aligned in processes

B. To isolate areas within a bounded context

C. To incorporate industry standard data formats

D. There are multiple canonical definitions of each data type

E. Because the model isolates the back and systems and support mule applications from change

Correct Answer: AB

QUESTION 2

As a part of design , Mule application is required call the Google Maps API to perform a distance computation. The application is deployed to cloudhub. At the minimum what should be configured in the TLS context of the HTTP request configuration to meet these requirements?

A. The configuration is built-in and nothing extra is required for the TLS context

B. Request a private key from Google and create a PKCS12 file with it and add it in keyStore as a part of TLS context

C. Download the Google public certificate from a browser, generate JKS file from it and add it in key store as a part of TLS context

D. Download the Google public certificate from a browser, generate a JKS file from it and add it in Truststore as part of the TLS context

Correct Answer: A

QUESTION 3

What operation can be performed through a JMX agent enabled in a Mule application?

A. View object store entries

B. Replay an unsuccessful message

C. Set a particular tog4J2 log level to TRACE

D. Deploy a Mule application

Correct Answer: C

Explanation:

JMX Management Java Management Extensions (JMX) is a simple and standard way to manage applications, devices, services, and other resources. JMX is dynamic, so you can use it to monitor and manage resources as they are created,

installed, and implemented. You can also use JMX to monitor and manage the Java Virtual Machine (JVM). Each resource is instrumented by one or more Managed Beans, or MBeans. All MBeans are registered in an MBean Server. The

JMX server agent consists of an MBean Server and a set of services for handling Mbeans. There are several agents provided with Mule for JMX support. The easiest way to configure JMX is to use the default JMX support agent. Log4J Agent

The log4j agent exposes the configuration of the Log4J instance used by Mule for JMX management. You enable the Log4J agent using the element. It does not take any additional properties MuleSoft Reference: https://

docs.mulesoft.com/mule- runtime/3.9/jmx-management

QUESTION 4

What is an advantage of using OAuth 2.0 client credentials and access tokens over only API keys for API authentication?

A. If the access token is compromised, the client credentials do not to be reissued.

B. If the access token is compromised, I can be exchanged for an API key.

C. If the client ID is compromised, it can be exchanged for an API key

D. If the client secret is compromised, the client credentials do not have to be reissued.

Correct Answer: A

Explanation: The advantage of using OAuth 2.0 client credentials and access tokens over only API keys for API authentication is that if the access token is compromised, the client credentials do not have to be reissued.

OAuth 2.0 is a secure protocol for authenticating clients and authorizing them to access protected resources. It works by having the client authenticate with the authorization server and receive an access token, which is then used to

authenticate requests to the API. If the access token is compromised, it can be revoked and replaced without needing to reissue the client credentials.

References: MuleSoft Certified Integration Architect - Level 1 Official Text Book and Resources:

Chapter 7: Security

Section 7.2: OAuth 2.0

QUESTION 5

A leading e-commerce giant will use Mulesoft API\\'s on runtime fabric (RTF) to process customer orders. Some customer\\'s sensitive information such as credit card information is also there as a part of a API payload. What approach minimizes the risk of matching sensitive data to the original and can convert back to the original value whenever and wherever required?

A. Apply masking to hide the sensitive information and then use API

B. manager to detokenize the masking format to return the original value

C. create a tokenization format and apply a tokenization policy to the API Gateway

D. Used both masking and tokenization

E. Apply a field level encryption policy in the API Gateway

Correct Answer: A