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**QUESTION 1**

What is the MuleSoft recommended method to encrypt sensitive property data?

- A. The encryption key and sensitive data should be different for each environment
- B. The encryption key should be identical for all environments
- C. The encryption key should be identical for all environments and the sensitive data should be different for each environment
- D. The encryption key should be different for each environment and the sensitive data should be the same for all environments

Correct Answer: A

The MuleSoft recommended method to encrypt sensitive property data is to use the Secure Properties Tool that comes with Anypoint Studio. This tool allows encrypting properties files with a secret key and then decrypting them at runtime using the same key. The encryption key and sensitive data should be different for each environment to ensure security and avoid accidental exposure of sensitive data. References:<https://docs.mulesoft.com/mule-runtime/4.3/secure-configuration-properties>

QUESTION 2

Which plugin or dependency is required to unit test modules created with XML SDK?

- A. XMLUnit
- B. Junit
- C. MUnit Extensions Maven plugin
- D. MUnit Maven plugin

Correct Answer: C

To unit test modules created with XML SDK, the developer needs to use the MUnit Extensions Maven plugin. This plugin allows testing XML SDK modules using MUnit by adding a dependency to the module under test and using a custom processor tag to invoke it. References:<https://docs.mulesoft.com/mule-sdk/1.1/xml-sdk#testing>

QUESTION 3

Which statement is true when using XML SDK for creating custom message processors?

- A. Properties are fields defined by an end user of the XML SDK component and serve as a global configuration for the entire Mule project in which they are used
- B. An XML SDK provides both inbound and outbound operations
- C. Operations can be reused in recursive calls



D. All operations are public

Correct Answer: D

When using XML SDK for creating custom message processors, all operations are public by default and can be used by any Mule application that imports them. There is no way to make an operation private or protected in XML SDK.

References:<https://docs.mulesoft.com/mule-sdk/1.1/xml-sdk#operations>

QUESTION 4

A developer deploys an API to CloudHub and applies an OAuth policy on API Manager. During testing, the API response is slow, so the developer reconfigures the API so that the out-of-the-box HTTP Caching policy is applied first, and the OAuth API policy is applied second.

What will happen when an HTTP request is received?

- A. In case of a cache hit, both the OAuth and HTTP Caching policies are evaluated; then the cached response is returned to the caller
- B. In case of a cache hit, only the HTTP Caching policy is evaluating; then the cached response is returned to the caller
- C. In case of a cache miss, only the HTTP Caching policy is evaluated; then the API retrieves the data from the API implementation, and the policy stores the data to be cached in Object Store
- D. In case of a cache miss, both the OAuth and HTTP Caching policies are evaluated; then the API retrieves the data from the API implementation, and the policy does not store the data in Object Store

Correct Answer: B

When an HTTP request is received and the HTTP Caching policy is applied first, it checks if there is a cached response for that request in Object Store. If there is a cache hit, meaning that a valid cached response exists, then only the HTTP Caching policy is evaluated and the cached response is returned to the caller without invoking the OAuth policy or the API implementation. If there is a cache miss, meaning that no valid cached response exists, then both the HTTP Caching policy and the OAuth policy are evaluated before invoking the API implementation.

References:<https://docs.mulesoft.com/api-manager/2.x/http-caching-policy#policy-ordering>

QUESTION 5

A Flight Management System publishes gate change notification events whenever a flight's arrival gate changes. Other systems, including Baggage Handler System, Inflight Catering System and Passenger Notifications System, must each asynchronously receive the same gate change notification to process the event according.

Which configuration is required in Anypoint MQ to achieve this publish/subscribe model?

- A. Publish each client subscribe directly to the exchange. Have each client subscribe directly to the queue.
- B. Publish the gate change notification to an Anypoint MC queue Have each client subscribe directly to the queue
- C. Publish the gate change notification to an Anypoint MQ queue. Create different anypoint MQ exchange meant for each of the other subscribing systems Bind the queue with each of the exchanges
- D. Publish the gate change notification to an Anypoint MQ exchange. Create different Anypoint MQ queues meant for each of the other subscribing systems. Bind the exchange with each of the queues.



Correct Answer: D

To achieve a publish/subscribe model using Anypoint MQ, where each system receives the same gate change notification event, the developer should publish the gate change notification to an Anypoint MQ exchange, create different Anypoint MQ queues meant for each of the other subscribing systems, and bind the exchange with each of the queues. An exchange is a message routing agent that can send messages to different queues based on predefined criteria. By binding an exchange with multiple queues, each queue receives a copy of every message sent to that exchange. Therefore, each system can subscribe to its own queue and receive every gate change notification event.

References:[https:// docs.mulesoft.com/anypoint-mq/3.x/anypoint-mq-exchanges](https://docs.mulesoft.com/anypoint-mq/3.x/anypoint-mq-exchanges)

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