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QUESTION 1

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 2

A mule application exposes an API for creating payments. An Operations team wants to ensure that the Payment API is up and running at all times in production.

Which approach should be used to test that the payment API is working in production?

- A. Create a health check endpoint that listens on a separate port and uses a separate HTTP Listener configuration from the API
- B. Configure the application to send health data to an external system
- C. Create a health check endpoint that reuses the same port number and HTTP Listener configuration as the API itself
- D. Monitor the Payment API directly sending real customer payment data

Correct Answer: A

To test that the payment API is working in production, the developer should create a health check endpoint that listens on a separate port and uses a separate HTTP Listener configuration from the API. This way, the developer can isolate the health check endpoint from the API traffic and avoid affecting the performance or availability of the API. The health check endpoint should return a simple response that indicates the status of the API, such as OK or ERROR. References:<https://docs.mulesoft.com/api-functional-monitoring/afm-create-monitor#create-a-monitor>

QUESTION 3

In a Mule project, Flow-1 contains a flow-ref to Flow-2 depends on data from Flow-1 to execute successfully.

Which action ensures the test suites and test cases written for Flow-1 and Flow-2 will execute successfully?

- A. Chain together the test suites and test cases for Flow-1 and Flow-2
- B. Use `Set Event` to pass the input that is needed, and keep the test cases for Flow-1 and Flow-2 independent



- C. Use `Before Test Case` To collect data from Flow-1 test cases before running Flow-2 test cases
- D. Use `After Test Case` to produce the data needed from Flow-1 test cases to pass to Flow-2 test cases

Correct Answer: B

To ensure the test suites and test cases written for Flow-1 and Flow-2 will execute successfully, the developer should use a Set Event processor to pass the input that is needed by Flow-2, and keep the test cases for Flow-1 and Flow-2 independent. This way, the developer can isolate the testing of each flow and avoid coupling them together.

References:<https://docs.mulesoft.com/munit/2.3/munit-test-flow>

QUESTION 4

A developer has created the first version of an API designed for business partners to work commodity prices.

What should developer do to allow more than one major version of the same API to be exposed by the implementation?

- A. In Design Center, open the RAML and modify each operation to include the major version number
- B. In Anypoint Studio, generate scaffolding from the RAML, and then modify the in the generated flows to include a parameter to replace the version number
- C. In Design Center, open the RAML and modify `baseUrl` to include a variable that indicates the version number
- D. In Anypoint Studio, generate scaffolding from the RAML, and then modify the flow names generated by APIKit to include a variable with the major version number

Correct Answer: C

To allow more than one major version of the same API to be exposed by the implementation, the developer should modify the `baseUrl` property in the RAML file to include a variable that indicates the version number. The `baseUrl` property defines the base URL of the API and can include variables that are replaced with actual values when mocking or deploying the API. By using a variable for the version number, the developer can expose different versions of the API using different base URLs and avoid conflicts or confusion. References: <https://docs.mulesoft.com/api-designer/design-modify-raml-specs#baseuri> <https://docs.mulesoft.com/api-manager/2.x/api-versioning>

QUESTION 5

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>

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