MCIA-LEVEL-1^{Q&As}

MuleSoft Certified Integration Architect - Level 1

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QUESTION 1

Which Exchange asset type represents a complete API specification in RAML or OAS format?

A. Connectors

B. REST APIs

C. API Spec Fragments

D. SOAP APIs

Correct Answer: B

QUESTION 2

What is required before an API implemented using the components of Anypoint Platform can be managed and governed (by applying API policies) on Anypoint Platform?

A. The API must be published to Anypoint Exchange and a corresponding API instance ID must be obtained from API Manager to be used in the API implementation

B. The API implementation source code must be committed to a source control management system (such as GitHub)

C. A RAML definition of the API must be created in API designer so it can then be published to Anypoint Exchange

D. The API must be shared with the potential developers through an API portal so API consumers can interact with the API

Correct Answer: A

Explanation:

Context of the question is about managing and governing mule applications deployed on Anypoint platform.

Anypoint API Manager (API Manager) is a component of Anypoint Platform that enables you to manage, govern, and secure APIs. It leverages the runtime capabilities of API Gateway and Anypoint Service Mesh, both of which enforce

policies, collect and track analytics data, manage proxies, provide encryption and authentication, and manage applications.

Mule Ref Doc : https://docs.mulesoft.com/api-manager/2.x/getting-started-proxy Reference: https://docs.mulesoft.com/api-manager/2.x/api-auto-discovery-new-concept

QUESTION 3

A system API EmployeeSAPI is used to fetch employee\'s data from an underlying SQL database.

The architect must design a caching strategy to query the database only when there is an update to the employees stable or else return a cached response in order to minimize the number of redundant transactions being handled by the

database.

What must the architect do to achieve the caching objective?

A. Use an On Table Row on employees table and call invalidate cache Use an object store caching strategy and expiration interval to empty

B. Use a Scheduler with a fixed frequency every hour triggering an invalidate cache flow Use an object store caching strategy and expiration interval to empty

C. Use a Scheduler with a fixed frequency every hour triggering an invalidate cache flow Use an object store caching strategy and set expiration interval to 1-hour

D. Use an on table rule on employees table call invalidate cache and said new employees data to cache Use an object store caching strategy and set expiration interval to 1-hour

Correct Answer: A

QUESTION 4

An organization is designing Mule application which connects to a legacy backend. It has been reported that backend services are not highly available and experience downtime quite often. As an integration architect which of the below approach you would propose to achieve high reliability goals?

A. Alerts can be configured in Mule runtime so that backend team can be communicated when services are down

B. Until Successful scope can be implemented while calling backend API\\'s

C. On Error Continue scope to be used to call in case of error again

D. Create a batch job with all requests being sent to backend using that job as per the availability of backend API\\'s

Correct Answer: B

Explanation: Correct answer is Untill Successful scope can be implemented while calling backend API\\'s The Until Successful scope repeatedly triggers the scope\\'s components (including flow references) until they all succeed or until a maximum number of retries is exceeded The scope provides option to control the max number of retries and the interval between retries The scope can execute any sequence of processors that may fail for whatever reason and may succeed upon retry

QUESTION 5

Which type of communication is managed by a service mesh in a microservices architecture?

A. Communication between microservices runtime administrators

B. Communication between microservices developers

C. Communication between microservices

D. Communication between trading partner services

Correct Answer: C