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Vendor:Salesforce

Exam

Code:MULESOFT-INTEGRATION-ASSOCIATE

Exam Name:Salesforce Certified MuleSoft Integration
Associate (SP24)

Version:Demo

QUESTION 1

A MuleSoft developer must implement an API as a Mule application, run the application locally, and execute unit tests against the running application

Which Anypoint Platform component can the developer use to fulfill all of these requirements?

- A. API Designer
- B. API Manager
- C. Anypoint Studio
- D. Anypoint CLI

Correct Answer: C

Anypoint Studio is the integrated development environment (IDE) provided by MuleSoft for designing, developing, and testing Mule applications.

References:

MuleSoft Documentation: Anypoint Studio

MUnit Testing: MUnit

QUESTION 2

According to MuleSoft a synchronous invocation of a RESTful API using HTTP to get an individual customer record from a single system is an example of which system integration interaction pattern?

- A. Request-Reply
- B. Batch
- C. Multicast
- D. One-way

Correct Answer: A

In system integration, different interaction patterns are used depending on the communication requirements between systems. For a synchronous invocation of a RESTful API using HTTP to get an individual customer record from a single system, the Request-Reply pattern is used. References: MuleSoft Documentation: Integration Patterns REST API Design: Request-Reply Pattern

QUESTION 3

A high-volume eCommerce retailer receives thousands of orders per hour and requires notification of its order management warehouse, and billing systems for subsequent processing within 15 minutes of order submission through its website

Which integration technology, when used for its typical and intended purpose, meets the retailer's requirements for this use case?

- A. Extract Transform Load (ETL)
- B. Publish/Subscribe Messaging Bus (Pub/Sub)
- C. Managed File Transfer (MFT)
- D. EnterpriseData Warehouse (EDW)

Correct Answer: B

For a high-volume eCommerce retailer requiring real-time or near-real-time notifications to multiple systems, a Publish/Subscribe Messaging Bus is an ideal choice.

References:

Pub/Sub Messaging: Understanding Publish/Subscribe Messaging High-Volume Data Processing:Apache Kafka Use Cases

QUESTION 4

CloudHub is an example of which cloud computing service model?

- A. Software as a Service (SaaS)
- B. Platform as a Service (PaaS)
- C. Infrastructure as a Service (IaaS)
- D. Monitoring as a Service (MaaS)

Correct Answer: B

CloudHub is MuleSoft's integration platform as a service (iPaaS) offering. It provides a platform for deploying and managing integration applications in the cloud.

References:

MuleSoft Documentation: CloudHub

Cloud Computing Models:PaaS Overview

QUESTION 5

An organization is not meeting its growth and innovation objectives because IT cannot deliver projects fast enough to keep up with the pace of change required by the business.

According to MuleSoft's IT delivery and operating model which step should the organization take to solve this problem?

- A. Adopt a new approach that decouples core IT projects from the innovation that happens within each line of business

- B. Switch from a design-first to a code-first approach for IT development
- C. Modify IT governance and security controls so that line of business developers can have direct access to the organization's systems of record
- D. Hire more IT developers, architects, and project managers to increase IT delivery

Correct Answer: A

MuleSoft's IT delivery and operating model suggests modernizing IT practices to better support business growth and innovation.

References:

MuleSoft Whitepaper: API-led Connectivity

IT Operating Model: Transforming IT Delivery

QUESTION 6

Which Anypoint Platform component helps integration developers discover and share reusable APIs, connectors and templates?

- A. Anypoint Exchange
- B. Design Center
- C. API Manager
- D. Anypoint Studio

Correct Answer: A

Anypoint Exchange is a component of the Anypoint Platform that helps integration developers discover and share reusable APIs, connectors, and templates.

References:

MuleSoft Documentation: Anypoint Exchange

Anypoint Platform Features: Discover and Share with Exchange

QUESTION 7

During a planning session with the executive leadership, the development team director presents plans for a new API to expose the data in the company's order database. An earlier effort to build an API on top of this data failed, so the director is recommending a design-first approach.

Which characteristics of a design-first approach will help make this API successful?

- A. Building MUnit tests so administrators can confirm code coverage percentage during deployment
- B. Publishing the fully implemented API to Exchange so all developers can reuse the API

- C. Developing a specification so consumers can test before the implementation is built
- D. Adding global policies to the API so all developers automatically secure the implementation before coding anything

Correct Answer: C

A design-first approach emphasizes creating the API specification before implementation, ensuring better alignment with consumer needs and reducing the risk of project failure.

References:

Design-First Approach: Design-First API Development API Mocking: API Designer Mocking Service

QUESTION 8

An IT integration team followed an API-led connectivity approach to implement an order- fulfillment business process. It created an order processing API that coordinates stateful interactions with a variety of microservices that validate, create and fulfill new product orders.

Which interaction composition pattern did the integration architect who designed this order processing API use?

- A. Multicasting
- B. Orchestration
- C. Streaming
- D. Aggregation

Correct Answer: B

In an API-led connectivity approach, different APIs are layered to provide modular and reusable services. For an order processing API that coordinates stateful interactions with various microservices, the integration architect used the orchestration interaction composition pattern. References: MuleSoft Documentation: Orchestration Pattern API-led Connectivity: MuleSoft API-led Connectivity

QUESTION 9

What is a defining characteristic of an Integration-Platform-as-a-Service (iPaaS)?

- A. No-code
- B. Code-first
- C. On-premises
- D. Cloud-based

Correct Answer: D

An Integration-Platform-as-a-Service (iPaaS) is characterized by being a cloud-based solution that provides tools to develop, execute, and manage integration flows connecting multiple applications and data sources.

References:

iPaaS Overview: What is iPaaS?

Cloud-based Integration: iPaaS Characteristics

QUESTION 10

According to MuleSoft what is a major distinguishing characteristic of an application network in relation to the integration of systems, data, and devices?

- A. It uses a well-organized monolithic approach with standards
- B. It is built for change and self-service
- C. It leverages well-accepted internet standards like HTTP and JSON
- D. It uses CI/CD automation for real-time project delivery

Correct Answer: B

An application network, as envisioned by MuleSoft, is designed to be dynamic and self-service, enabling rapid adaptation to changing business needs.

References:

MuleSoft Documentation: Application Networks

API-led Connectivity: MuleSoft API-led Connectivity

QUESTION 11

A system administrator needs to determine when permissions were last changed for an Anypoint Platform user. Which Anypoint Platform component should the administrator use to obtain this information?

- A. Audit Logging
- B. Anypoint Studio
- C. Mule Stack Traces
- D. Anypoint Monitoring

Correct Answer: A

Anypoint Platform provides various tools and components for managing and monitoring the platform and its activities. To determine when permissions were last changed for an Anypoint Platform user, Audit Logging is the appropriate component to use.

References:

MuleSoft Documentation: Anypoint Platform Audit Logging

QUESTION 12

What are two reasons why a typical MuleSoft customer favors a MuleSoft-hosted AnypointPlatform runtime plane over a customer-hosted runtime for its Mule application deployments? (Choose two.)

- A. Reduced time-to-market for the first application
- B. Reduced application latency
- C. Reduced IT operations effort
- D. increased application isolation
- E. Increased application throughput

Correct Answer: AC

Choosing a MuleSoft-hosted Anypoint Platform runtime plane offers several advantages, particularly in terms of deployment efficiency and operational management.

References:

MuleSoft Documentation: [Anypoint Platform Deployment Models Benefits of MuleSoft-Hosted Runtime: CloudHub Advantages](#)