



Free Salesforce Mule-101 Practice Questions

Shared by Jimenez on 13-08-2026

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Question 1

Question Type: MultipleChoice

An integration team follows MuleSoft's recommended approach to full lifecycle API development. 9

Options:

- A- Use the API specification to build the MuleSoft application
- B- Design the API specification
- C- Validate the API specification
- D- Use the API specification to monitor the MuleSoft application

Answer:

A

Explanation:

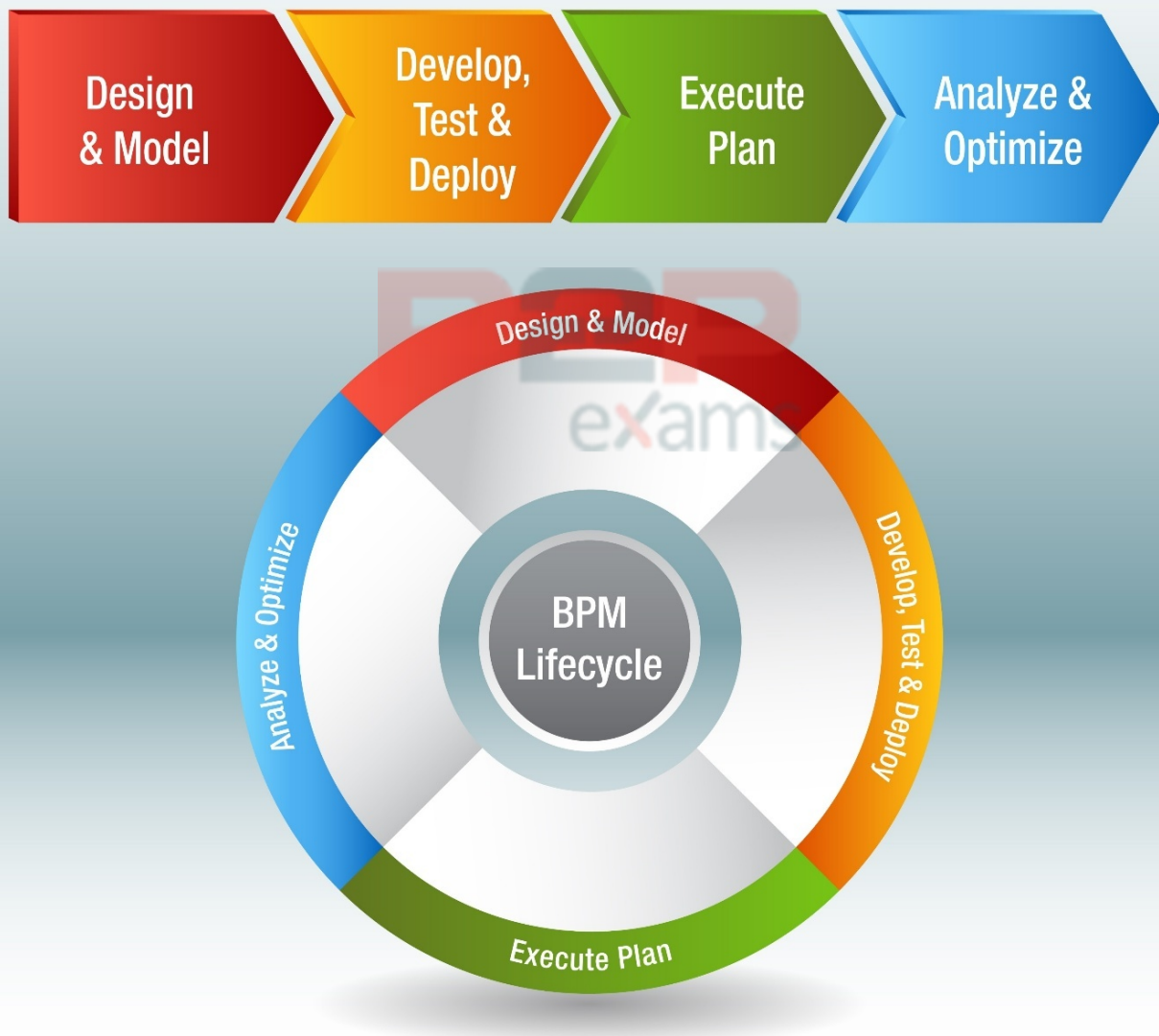
(Note: The question implies 'What is the next step after design/validation?' or 'How is the spec used?'. Based on the answer key A, the context is how the spec drives development).

Comprehensive and Detailed Explanation:



Business Process Management (BPM) Lifecycle

Lifecycle phases of business process management



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Explore

API-Led Connectivity & Design-First: MuleSoft promotes a 'Design-First' approach. You first write the RAML or OAS specification.

MuleSoft scaffolding: Once the specification is designed and published to Exchange, the developer imports it into Anypoint Studio. Studio then scaffolds (automatically generates) the Mule flows based on the API Specification.

The Workflow:

Design: Create the API contract (RAML/OAS).

Publish: Publish to Exchange.

Build (Answer A): Use the API specification to generate the flow structure (APIkit Router) and implement the logic.

This ensures the implementation strictly matches the design defined in the earlier phases.

Question 2

Question Type: MultipleChoice

An organization's IT team must secure all of the internal APIs within an integration solution by using an API proxy to apply required authentication and authorization policies.

Options:

- A- Integration Platform-as-a-Service (IPaaS)
- B- API Management (APIM)
- C- Electronic Data Interchange (EDI)
- D- Robotic Process Automation (RPA)

Answer:

B

Explanation:

API Management (APIM): This category of software capability focuses on the Governance, Security, and Lifecycle of APIs. 7

The Role of the Proxy: In MuleSoft's API Manager (the APIM component), you create an API Proxy. This proxy sits in front of the backend API implementation. It intercepts incoming requests, checks security policies (like Client ID enforcement or OAuth 2.0), and only forwards valid requests to the backend.

Why others are incorrect:

iPaaS: Refers to the integration/building platform (connecting systems), though modern platforms like Anypoint combine both iPaaS and APIM. The specific act of securing via proxy is an APIM function.

EDI: Standard for B2B document exchange (like Purchase Orders).

RPA: Automating manual tasks on UI screens.

Question 3

Question Type: MultipleChoice

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

Options:

- A- SOAP APIs
- B- API Spec Fragments
- C- REST APIs
- D- Connectors

Answer:

C

Explanation:

REST APIs (Asset Type): In Anypoint Exchange and Design Center, when you create a new project to define a full API specification (using RAML or OAS), the resulting asset type is categorized as a 'REST API.'

API Spec Fragments: These are parts of a specification (like a specific Data Type, Trait, or Security Scheme) designed to be reused across multiple different API specs. They are not 'complete' APIs on their own.

SOAP APIs: Use WSDL (XML), not RAML/OAS.

Question 4

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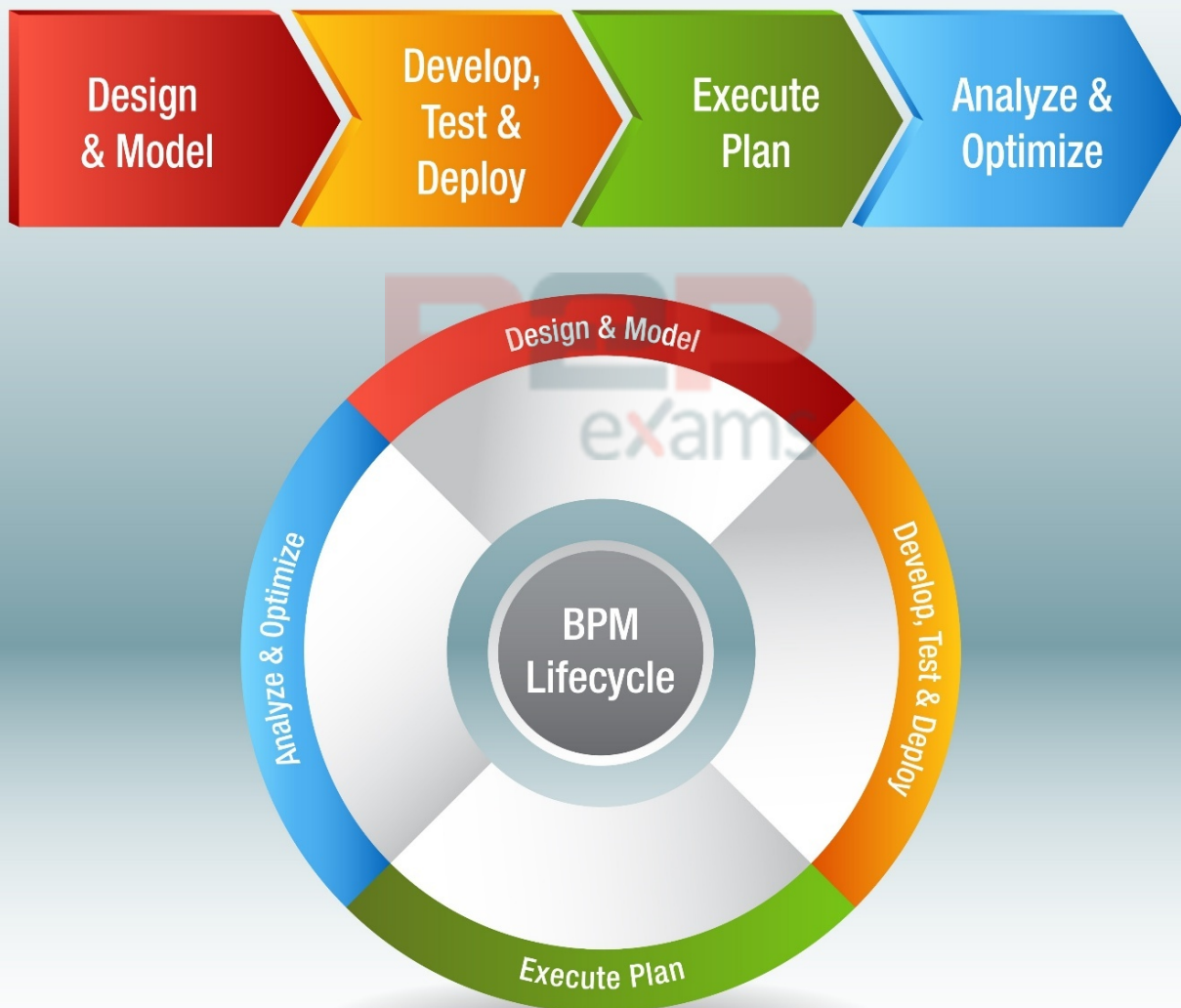
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Question 5

Question Type: MultipleChoice

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

Options:

- A- If the access token is compromised, the client credentials do not have to be reissued
- B- If the access token is compromised, it 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

Answer:

A

Explanation:

Security Mechanisms:

API Keys (Client ID/Secret): These are static, long-lived credentials. If a Client Secret is stolen, you must reset it, update the application code, and redeploy---a painful process.

OAuth 2.0 (Access Tokens): The client uses the ID/Secret to request a temporary Access Token (TTL of usually 15-60 minutes).

The Advantage: The API client sends the token (not the secret) in the header. If this token is intercepted/compromised, it will expire shortly. The attacker cannot generate new tokens without the original Client Secret. Therefore, the underlying credentials remain safe, and you do not need to reissue them.

Question 6

Question Type: MultipleChoice

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.

Options:

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

Answer:

B

Explanation:

Orchestration: This refers to the logic where a central controller (the Process API) manages the interactions between multiple systems to achieve a business goal.

The Scenario: The API is 'coordinating stateful interactions' (e.g., Step 1: Validate Customer -> Step 2: Check Inventory -> Step 3: Debit Payment -> Step 4: Create Shipment). This strictly sequential or logic-driven coordination is the definition of Orchestration.

Why others are incorrect:

Aggregation: Specifically refers to just gathering data from multiple sources (Scatter-Gather) and combining the results, usually without complex state management or sequential logic.

Streaming: Refers to processing data in continuous chunks, not the logic of coordinating services.

Question 7

Question Type: MultipleChoice

In preparation for a digital transformation initiative, an organization is reviewing related IT integration projects that failed for various reasons.

Options:

- A- Lack of alignment around business outcomes
- B- Spending too much time on enablement
- C- Following an Agile delivery methodology
- D- Reliance on an Integration-Platform-as-a-Service (iPaaS)

Answer:

A

Explanation:

MuleSoft Catalyst: This is MuleSoft's delivery methodology. It identifies that integration projects often fail not due to technology, but due to a lack of clear strategy and alignment.

Business Outcomes: A primary cause of failure is when IT builds projects in isolation without understanding the business value or specific outcomes (KPIs) required by the organization.

Why others are incorrect:

Agile (C): Is generally recommended/beneficial.

Enablement (B): Is a core pillar of success (C4E), not a cause of failure.



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