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QUESTION 1

What correctly characterizes unit tests of Mule applications?

A. They test the validity of input and output of source and target systems.

B. They must be run in a unit testing environment with dedicated Mule runtimes for the environment.

C. They must be triggered by an external client tool or event source.

D. They are typically written using MUnit to run in an embedded Mule runtime that does not require external connectivity.

Correct Answer: B

Reference: https://dzone.com/articles/munit-framework

**QUESTION 2**

Refer to the exhibit.
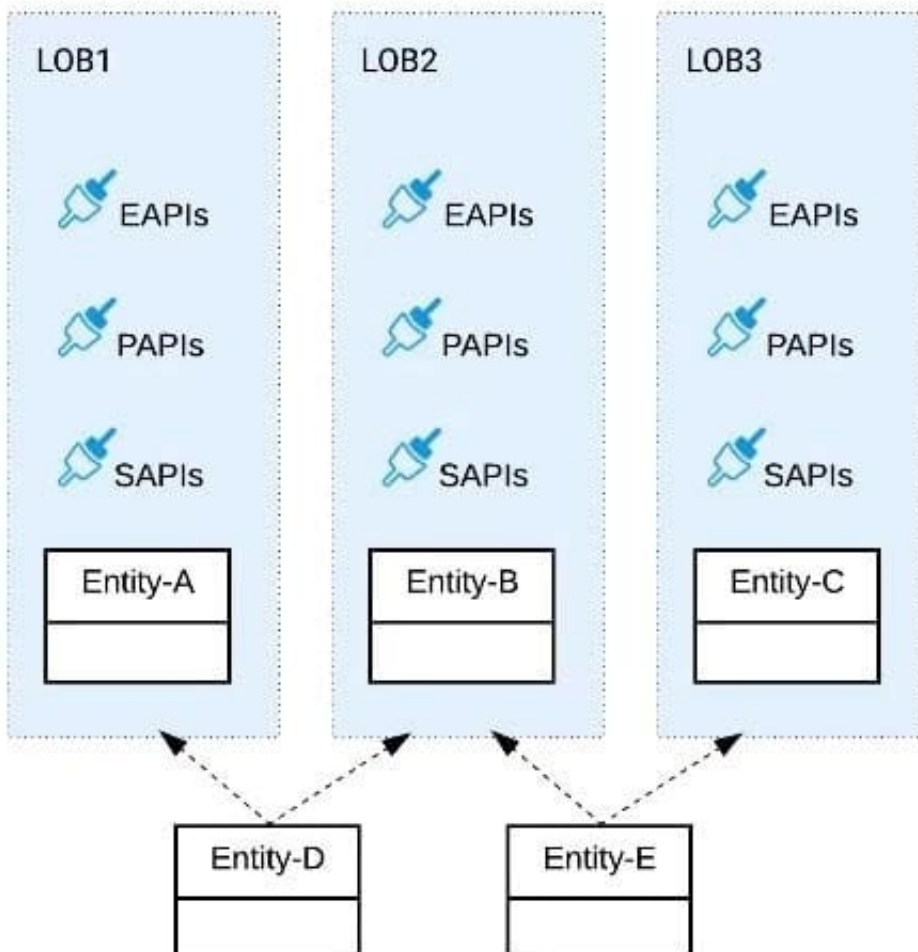
Three business processes need to be implemented, and the implementations need to communicate with several different SaaS applications.

These processes are owned by separate (siloed) LOBs and are mainly independent of each other, but do share a few business entities. Each LOB has one development team and their own budget.

In this organizational context, what is the most effective approach to choose the API data models for the APIs that will implement these business processes with minimal redundancy of the data models?

A. Build several Bounded Context Data Models that align with coherent parts of the business processes and the definitions of associated business entities.
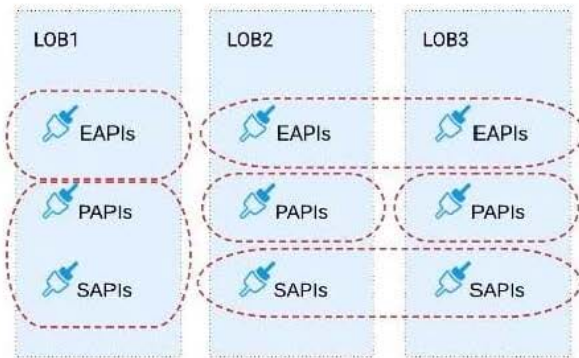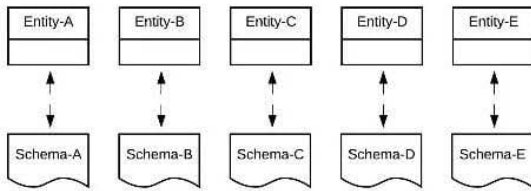

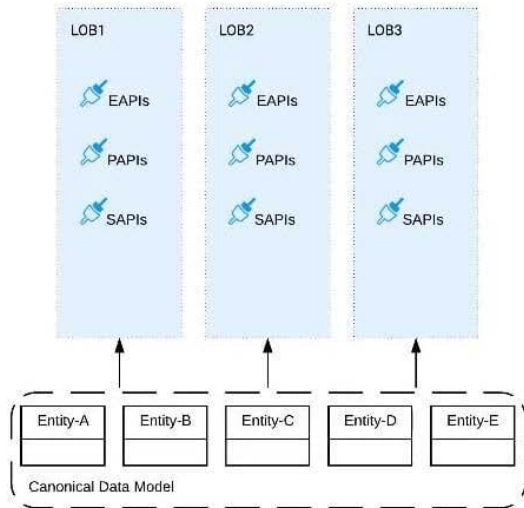B. Build distinct data models for each API to follow established micro-services and Agile API-centric practices.
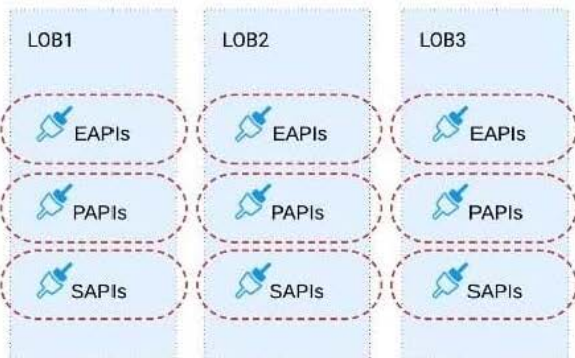
C. Build all API data models using XML schema to drive consistency and reuse across the organization.

Entity-A	Entity-B	Entity-C	Entity-D	Entity-E

Schema-A	Schema-B	Schema-C	Schema-D	Schema-E

D. Build one centralized Canonical Data Model (Enterprise Data Model) that unifies all the data types from all three business processes, ensuring the data model is consistent and non-redundant.

LOB1
 EAPIs
 PAPIs
 SAPIs

LOB2
 EAPIs
 PAPIs
 SAPIs

LOB3
 EAPIs
 PAPIs
 SAPIs

Entity-A	Entity-B	Entity-C	Entity-D	Entity-E

Canonical Data Model

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 3

What API policy would LEAST likely be applied to a Process API?

A. Custom circuit breaker

B. Client ID enforcement

C. Rate limiting

D. JSON threat protection

Correct Answer: A

Reference: https://docs.mulesoft.com/api-manager/2.x/policy-mule3-provided-policies

QUESTION 4

Mule applications that implement a number of REST APIs are deployed to their own subnet that is inaccessible from outside the organization.

External business-partners need to access these APIs, which are only allowed to be invoked from a separate subnet dedicated to partners - called Partner-subnet. This subnet is accessible from the public internet, which allows these external partners to reach it.

Anypoint Platform and Mule runtimes are already deployed in Partner-subnet. These Mule runtimes can already access the APIs.

What is the most resource-efficient solution to comply with these requirements, while having the least impact on other applications that are currently using the APIs?

A. Implement (or generate) an API proxy Mule application for each of the APIs, then deploy the API proxies to the Mule runtimes.

B. Redeploy the API implementations to the same servers running the Mule runtimes.

C. Add an additional endpoint to each API for partner-enablement consumption.

D. Duplicate the APIs as Mule applications, then deploy them to the Mule runtimes.

Correct Answer: A

QUESTION 5

Refer to the exhibit.
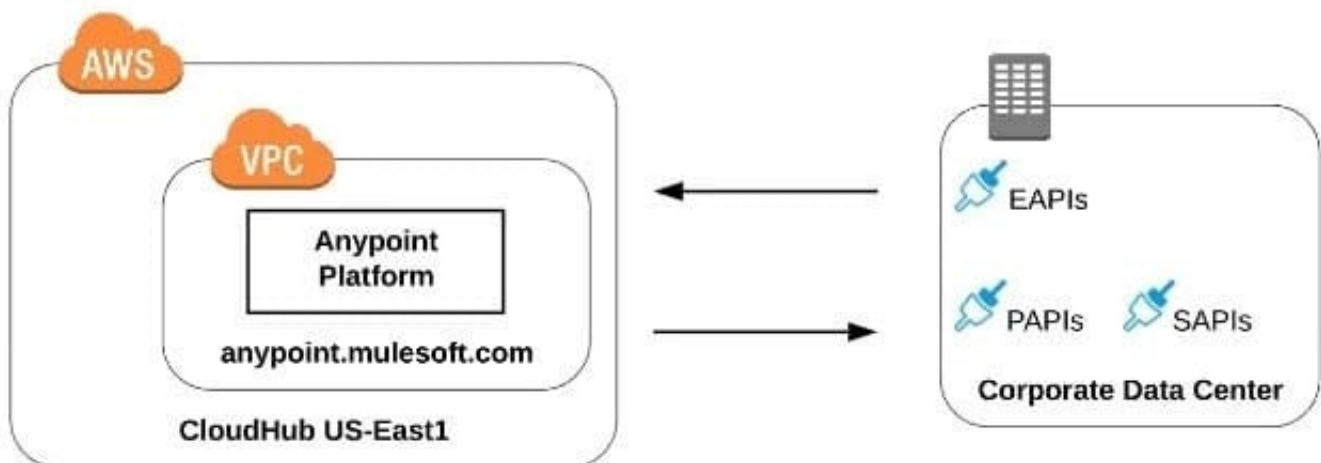
What is true when using customer-hosted Mule runtimes with the MuleSoft-hosted Anypoint Platform control plane (hybrid deployment)?

A. Anypoint Runtime Manager initiates a network connection to a Mule runtime in order to deploy Mule applications.

B. The MuleSoft-hosted Shared Load Balancer can be used to load balance API invocations to the Mule runtimes.

C. API implementations can run successfully in customer-hosted Mule runtimes, even when they are unable to communicate with the control plane.

D. Anypoint Runtime Manager automatically ensures HA in the control plane by creating a new Mule runtime instance in case of a node failure.

Correct Answer: A

QUESTION 6

The responses to some HTTP requests can be cached depending on the HTTP verb used in the request. According to the HTTP specification, for what HTTP verbs is this safe to do?

A. PUT, POST, DELETE

B. GET, HEAD, POST

C. GET, PUT, OPTIONS

D. GET, OPTIONS, HEAD

Correct Answer: D

Reference: http://restcookbook.com/HTTP%20Methods/idempotency/

QUESTION 7

What Mule application deployment scenario requires using Anypoint Platform Private Cloud Edition or Anypoint Platform for Pivotal Cloud Foundry?

A. When it is required to make ALL applications highly available across multiple data centers.

B. When it is required that ALL APIs are private and NOT exposed to the public cloud.

C. When regulatory requirements mandate on-premises processing of EVERY data item, including meta-data.

D. When ALL backend systems in the application network are deployed in the organization\\'s intranet.

Correct Answer: C

QUESTION 8

An organization makes a strategic decision to move towards an IT operating model that emphasizes consumption of reusable IT assets using modern APIs (as defined by MuleSoft).

What best describes each modern API in relation to this new IT operating model?

A. Each modern API has its own software development lifecycle, which reduces the need for documentation and automation.
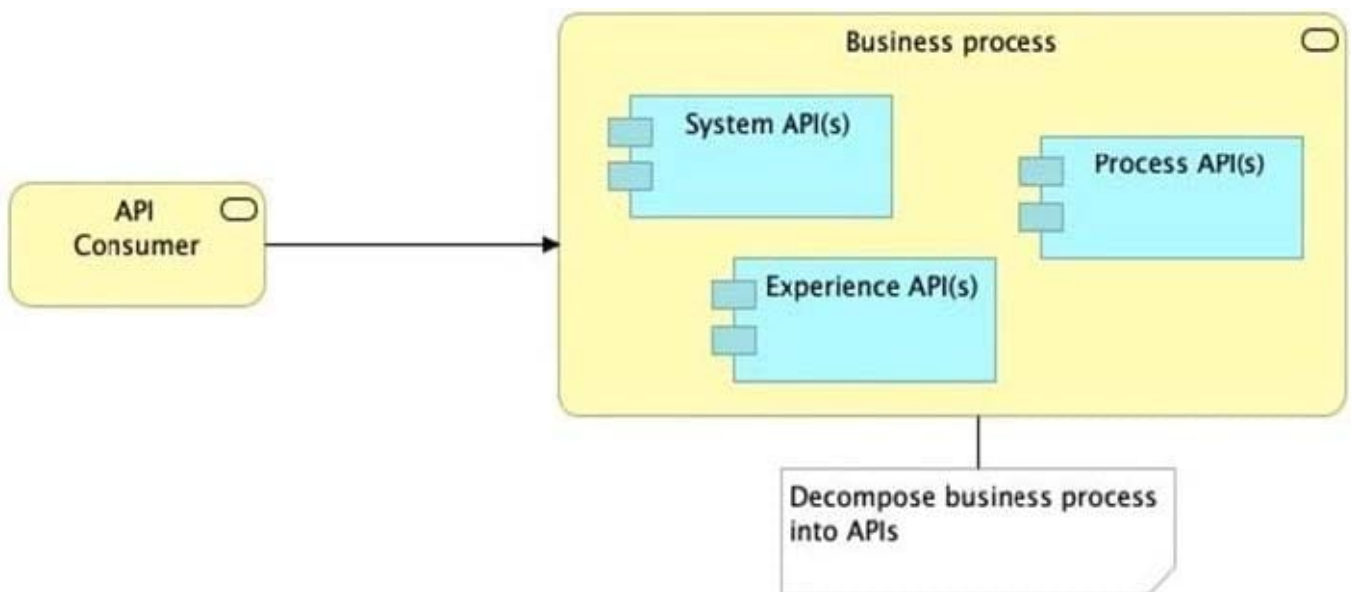
B. Each modern API must be treated like a product and designed for a particular target audience (for instance, mobile app developers)

C. Each modern API must be easy to consume, so should avoid complex authentication mechanisms such as SAML or JWT.

D. Each modern API must be REST and HTTP based.
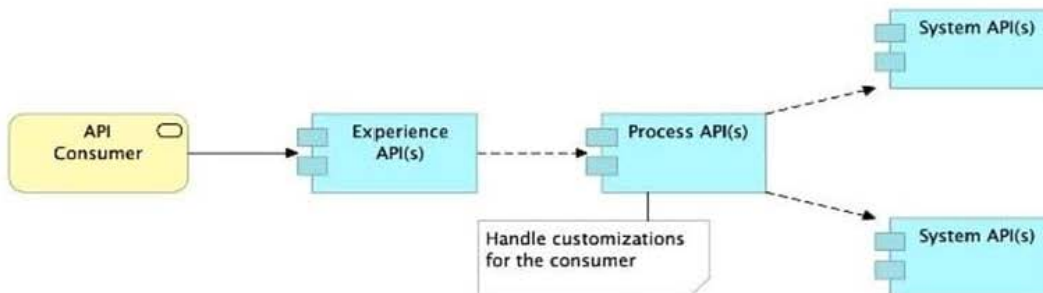
Correct Answer: B

QUESTION 9

Refer to the exhibit.
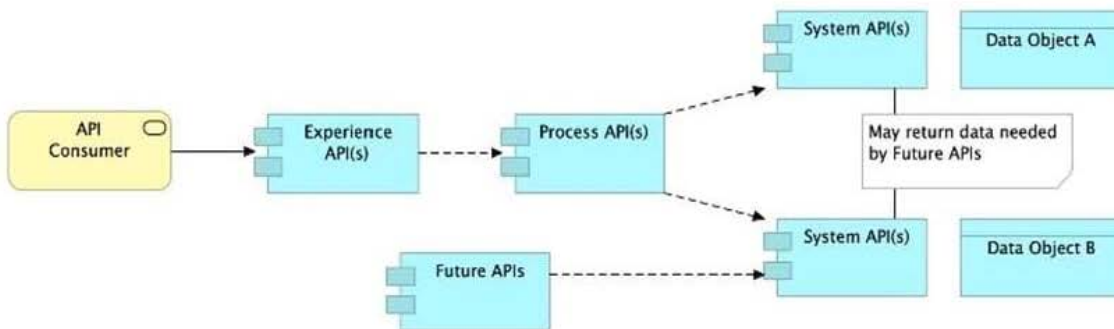

What is the best way to decompose one end-to-end business process into a collaboration of Experience, Process, and of System APIs?

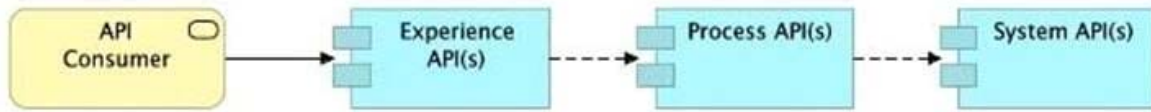A. Handle customizations for the end-user application at the Process API level rather than the Experience API level.

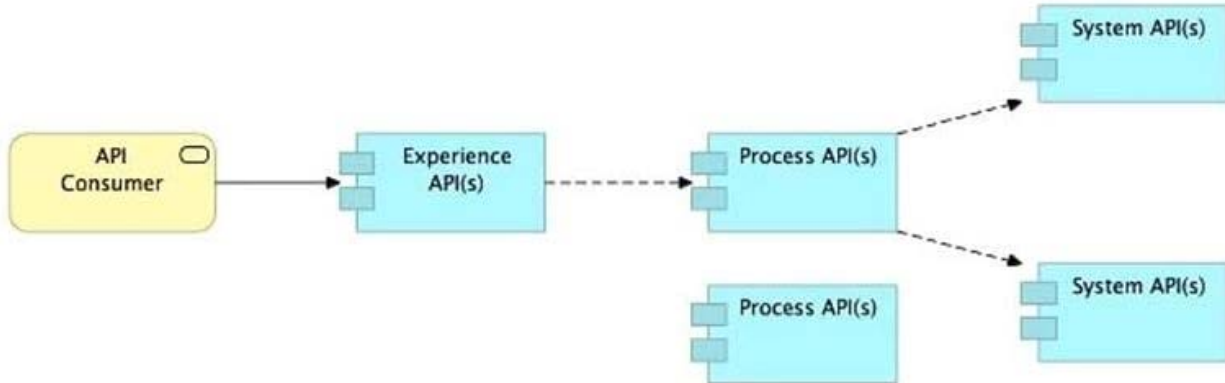B. Allow System APIs to return data that is NOT currently required by the identified Process or Experience APIs.

C. Always use a tiered approach by creating exactly one API for each of the 3 layers (Experience, Process and System APIs).

D. Use a Process API to orchestrate calls to multiple System APIs, but NOT to other Process APIs.

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 10

What is a key requirement when using an external Identity Provider for Client Management in Anypoint Platform?

A. Single sign-on is required to sign in to Anypoint Platform

B. The application network must include System APIs that interact with the Identity Provider

C. To invoke OAuth 2.0-protected APIs managed by Anypoint Platform, API clients must submit access tokens issued by that same Identity Provider

D. APIs managed by Anypoint Platform must be protected by SAML 2.0 policies

Correct Answer: C

Reference: https://www.folkstalk.com/2019/11/mulesoft-integration-and-platform.html

QUESTION 11

An API implementation is updated. When must the RAML definition of the API also be updated?

A. When the API implementation changes the structure of the request or response messages.

B. When the API implementation changes from interacting with a legacy backend system deployed on-premises to a modern, cloud-based (SaaS) system.

C. When the API implementation is migrated from an older to a newer version of the Mule runtime.

D. When the API implementation is optimized to improve its average response time.

Correct Answer: D

QUESTION 12

How are an API implementation, API client, and API consumer combined to invoke and process an API?

A. The API consumer creates an API implementation, which receives API invocations from an API such that they are processed for an API client.

B. The API client creates an API consumer, which receives API invocations from an API such that they are processed for an API implementation.

C. The API consumer creates an API client, which sends API invocations to an API such that they are processed by an API implementation.

D. The API client creates an API consumer, which sends API invocations to an API such that they are processed by an API implementation.

Correct Answer: C

QUESTION 13

An API implementation is deployed to CloudHub.

What conditions can be alerted on using the default Anypoint Platform functionality, where the alert conditions depend on the end-to-end request processing of the API implementation?

A. When the API is invoked by an unrecognized API client

B. When a particular API client invokes the API too often within a given time period

C. When the response time of API invocations exceeds a threshold

D. When the API receives a very high number of API invocations

Correct Answer: C

Reference: https://docs.mulesoft.com/api-manager/2.x/using-api-alerts

QUESTION 14

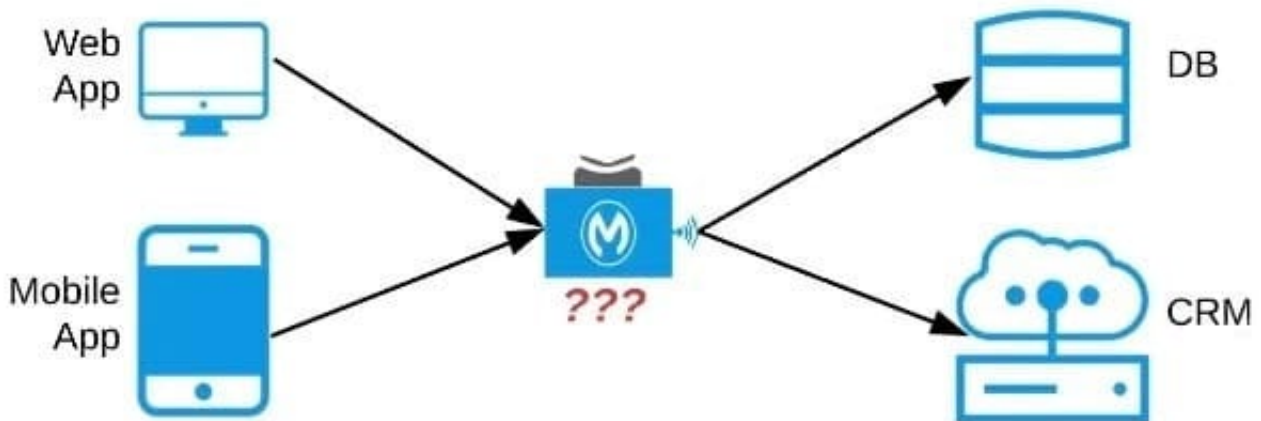What do the API invocation metrics provided by Anypoint Platform provide?

A. ROI metrics from APIs that can be directly shared with business users

B. Measurements of the effectiveness of the application network based on the level of reuse

C. Data on past API invocations to help identify anomalies and usage patterns across various APIs

D. Proactive identification of likely future policy violations that exceed a given threat threshold

Correct Answer: B

Reference: https://usermanual.wiki/Document/APAAppNetstudentManual02may2018.991784750.pdf

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**QUESTION 15**

Refer to the exhibit.

An organization needs to enable access to their customer data from both a mobile app and a web

application, which each need access to common fields as well as certain unique fields.

The data is available partially in a database and partially in a 3rd-party CRM system.

What APIs should be created to best fit these design requirements?

A. A Process API that contains the data required by both the web and mobile apps, allowing these applications to invoke it directly and access the data they need thereby providing the flexibility to add more fields in the future without needing API changes.
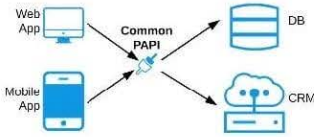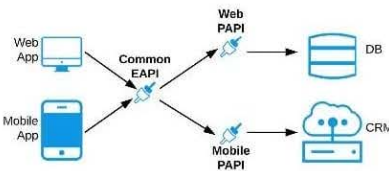

B. One set of APIs (Experience API, Process API, and System API) for the web app, and another set for the mobile app.
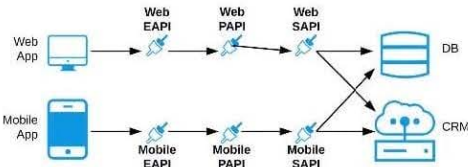
C. Separate Experience APIs for the mobile and web app, but a common Process API that invokes separate System APIs created for the database and CRM system
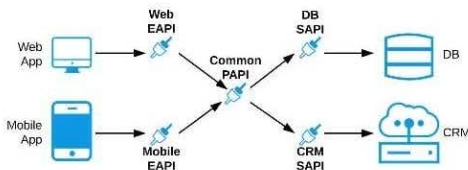
D. A common Experience API used by both the web and mobile apps, but separate Process APIs for the web and mobile apps that interact with the database and the CRM System.

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C